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November 24, 2025

**VIA ELECTRONIC FILING**

Matthew Homsher, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building 4  
400 North Street, 2nd Floor North, Filing Room  
Harrisburg, PA 17120

Re: Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*, of the right to begin to offer, render, furnish, and supply wastewater service to the public in portions of Girard and Waterford Townships, Erie County, Pennsylvania at Docket No. A-2024-3050786; **TUS DATA REQUEST SET 1.**

Dear Secretary Chiavetta:

Enclosed for filing is Mainlines, Manholes & Wastewater Treatment Inc.'s ("MMWT") Response to TUS Data Request Set 1. Specifically, responses have been provided for request number 3, 7, 8, 14, 15, 16, 17, 22, 27, 33, 38, 39, 40, 42, 46, 47, 48, 49, and 50.

MMWT is submitting concurrently at this docket a request for extension to provide the remaining outstanding information.

Respectfully,

/s/ Whitney E. Snyder

Whitney E. Snyder  
Kathryn C. Read-Fisher

Dated this 24<sup>th</sup> day of November, 2025

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*,  
of the right to begin to offer, render, furnish, and supply wastewater service to the public in  
portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.'S RESPONSES TO  
BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-3. Please quantify Mainlines' current number of customers by class, current estimated annual wastewater usage by class, and the number of future connections anticipated for the next 10 years, broken down by each year and for each Mainlines Wastewater System.

**RESPONSE:** Mainlines' does not maintain separate classes of customers and therefore provides the requested information in aggregate form. The system currently serves fourteen commercial customers and two mobile home parks. Estimated annual wastewater flow is approximately 60,000 gallons per day, or 21.9 million gallons per year. The Company does not anticipate adding any future connections at this time.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*, of the right to begin to offer, render, furnish, and supply wastewater service to the public in portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.'S RESPONSES TO BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-7. Please explain how properties in each portion of the Requested Territory receive water service (i.e., private wells, public water system, etc.).

**RESPONSE:** Properties located within the Imperial Point portion of the Requested Territory receive water service from Springhouse Waterworks, Inc. Properties within the Waypoint portion of the Requested Territory currently receive water service from Mainlines, Manholes & Wastewater Treatment, Inc., though that area is in the process of transitioning to service by Springhouse.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*, of the right to begin to offer, render, furnish, and supply wastewater service to the public in portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.'S RESPONSES TO BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-8. Please identify the name and address of each public water system in the Requested Territory.

**RESPONSE:** Springhouse Waterworks, Inc. and Mainlines, Manholes & Wastewater Treatment, Inc. are the only public water systems in the Requested Territory. Mainlines, Manholes & Wastewater Treatment Inc.'s address is: 9208 Tannery Road Girard, PA 16423. Springhouse Waterworks, Inc. address is 9198 Tannery Road, Girard, PA 16417. Mainlines will update its contact forms with the PUC to reflect these address changes.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*,  
of the right to begin to offer, render, furnish, and supply wastewater service to the public in  
portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.'S RESPONSES TO  
BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-14. Please provide copies of the monthly DEP Discharge Monitoring Reports for the 2023  
calendar year for each Mainlines Wastewater System.

**RESPONSE:** Copies of the 2023 monthly DEP Discharge Monitoring Reports for Mainlines' wastewater systems, associated with NPDES Permit Nos. PA0031461 (Hickory Home Community Village) and PA0037991 (Imperial Point North) are attached below.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025

**National Pollutant Discharge Elimination System (NPDES)  
Electronic Discharge Monitoring Report (eDMR)**

11/21/2025 10:27:28 AM

**Region: All**  
**County: All**  
**Municipality: All**  
**Permit #: PA0031461**  
**Monitoring Period Date Range: 1/1/2023 To 12/31/2023**  
**Client: All**  
**Parameter: All**

Permit #:	<b>PA0031461</b>	Facility Address:	<b>HICKORY HILL COUNTRY VILLAGE MHP TRASK ROAD WATERFORD, PA 16441-0084</b>
Client ID / Name:	<b>275993 - MAINLINES MANHOLES &amp; WASTEWATER TRMT INC</b>	County:	<b>Erie</b>
Primary Facility ID / Name:	<b>255360 - HICKORY HILL COUNTRY VILLAGE MHP</b>	Municipality:	<b>Waterford Twp</b>
Major Facility:	<b>No</b>	Latitude / Longitude:	<b>41.972778 / -80.022222</b>
Region:	<b>NWRO</b>		

Monitoring Period Begin Date	Monitoring Period End Date	DMR Received Date	Outfall	Discharge	Monitoring Location	Parameter Name	Parameter Code	DMR Value	Permit Limit	Units	Statistical Base Code
01/01/2023	01/31/2023	02/28/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	16.2	13.5	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	43.0	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	8.95	4.0	mg/L	Daily Minimum
					Final Effluent	Fecal Coliform	74055	2420	2000	No./100 ml	Geometric Mean
					Final Effluent	Flow	50050	0.031	Monitor and Report	MGD	Average Monthly
					Final Effluent	pH	00400	7.0	9.0	S.U.	Daily Maximum
					Final Effluent	pH	00400	6.4	6.0	S.U.	Daily Minimum
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.4	0.5	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.7	1.6	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	33.8	30.0	mg/L	Average Monthly
01/01/2023	03/31/2023	04/28/2023	001	Yes	Final Effluent	Total Nitrogen	00600	2.75	Monitor and Report	mg/L	Average Quarterly
					Final Effluent	Total Phosphorus	00665	1.5	Monitor and Report	mg/L	Average Quarterly

**National Pollutant Discharge Elimination System (NPDES)  
Electronic Discharge Monitoring Report (eDMR)**

11/21/2025 10:27:28 AM

02/01/2023	02/28/2023	03/27/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	5.1	13.5	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	7.4	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	10.47	4.0	mg/L	Daily Minimum
					Final Effluent	Fecal Coliform	74055	157	2000	No./100 ml	Geometric Mean
					Final Effluent	Flow	50050	0.032	Monitor and Report	MGD	Average Monthly
					Final Effluent	pH	00400	7.0	9.0	S.U.	Daily Maximum
					Final Effluent	pH	00400	6.7	6.0	S.U.	Daily Minimum
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.5	0.5	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.9	1.6	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	17.5	30.0	mg/L	Average Monthly
03/01/2023	03/31/2023	04/28/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	0.1	13.5	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	7.4	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	6.7	4.0	mg/L	Daily Minimum
					Final Effluent	Fecal Coliform	74055	140	2000	No./100 ml	Geometric Mean
					Final Effluent	Flow	50050	0.031	Monitor and Report	MGD	Average Monthly
					Final Effluent	pH	00400	7.4	9.0	S.U.	Daily Maximum
					Final Effluent	pH	00400	6.8	6.0	S.U.	Daily Minimum
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.5	0.5	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.6	1.6	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	16.5	30.0	mg/L	Average Monthly
04/01/2023	04/30/2023	05/30/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	1.4	13.5	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	2.0	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	10.2	4.0	mg/L	Daily Minimum
					Final Effluent	Fecal Coliform	74055	880	2000	No./100 ml	Geometric Mean

**National Pollutant Discharge Elimination System (NPDES)  
Electronic Discharge Monitoring Report (eDMR)**

11/21/2025 10:27:28 AM

04/01/2023	04/30/2023	05/30/2023	001	Yes	Final Effluent	Flow	50050	0.031	Monitor and Report	MGD	Average Monthly
					Final Effluent	pH	00400	7.2	9.0	S.U.	Daily Maximum
					Final Effluent	pH	00400	6.7	6.0	S.U.	Daily Minimum
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.5	0.5	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.9	1.6	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	8.5	30.0	mg/L	Average Monthly
04/01/2023	06/30/2023	06/14/2023	001	Yes	Final Effluent	Total Nitrogen	00600	2.42	Monitor and Report	mg/L	Average Quarterly
					Final Effluent	Total Phosphorus	00665	1.92	Monitor and Report	mg/L	Average Quarterly
05/01/2023	05/31/2023	06/14/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	< 0.1	4.5	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	8.7	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	8.56	4.0	mg/L	Daily Minimum
					Final Effluent	Fecal Coliform	74055	42.0	200	No./100 ml	Geometric Mean
					Final Effluent	Flow	50050	0.031	Monitor and Report	MGD	Average Monthly
					Final Effluent	pH	00400	7.2	9.0	S.U.	Daily Maximum
					Final Effluent	pH	00400	6.9	6.0	S.U.	Daily Minimum
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.5	0.5	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.8	1.6	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	25.0	30.0	mg/L	Average Monthly
06/01/2023	06/30/2023	07/28/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	0.1	4.5	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	2.6	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	13.58	4.0	mg/L	Daily Minimum
					Final Effluent	Fecal Coliform	74055	6.0	200	No./100 ml	Geometric Mean
					Final Effluent	Flow	50050	0.032	Monitor and Report	MGD	Average Monthly

**National Pollutant Discharge Elimination System (NPDES)  
Electronic Discharge Monitoring Report (eDMR)**

11/21/2025 10:27:28 AM

06/01/2023	06/30/2023	07/28/2023	001	Yes	Final Effluent	pH	00400	7.0	9.0	S.U.	Daily Maximum
					Final Effluent	pH	00400	6.8	6.0	S.U.	Daily Minimum
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.4	0.5	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.6	1.6	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	7.0	30.0	mg/L	Average Monthly
07/01/2023	07/31/2023	08/28/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	0.6	4.5	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	3.2	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	14.02	4.0	mg/L	Daily Minimum
					Final Effluent	Fecal Coliform	74055	530	200	No./100 ml	Geometric Mean
					Final Effluent	Flow	50050	0.03	Monitor and Report	MGD	Average Monthly
					Final Effluent	pH	00400	7.2	9.0	S.U.	Daily Maximum
					Final Effluent	pH	00400	6.6	6.0	S.U.	Daily Minimum
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.5	0.5	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.9	1.6	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	6.5	30.0	mg/L	Average Monthly
07/01/2023	09/30/2023	10/28/2023	001	Yes	Final Effluent	Total Nitrogen	00600	< 0.5	Monitor and Report	mg/L	Average Quarterly
					Final Effluent	Total Phosphorus	00665	2.34	Monitor and Report	mg/L	Average Quarterly
08/01/2023	08/31/2023	09/28/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	< 0.1	4.5	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	2.3	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	12.8	4.0	mg/L	Daily Minimum
					Final Effluent	Fecal Coliform	74055	< 2	200	No./100 ml	Geometric Mean
					Final Effluent	Flow	50050	0.03	Monitor and Report	MGD	Average Monthly
					Final Effluent	pH	00400	7.0	9.0	S.U.	Daily Maximum
					Final Effluent	pH	00400	6.3	6.0	S.U.	Daily Minimum

**National Pollutant Discharge Elimination System (NPDES)  
Electronic Discharge Monitoring Report (eDMR)**

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08/01/2023	08/31/2023	09/28/2023	001	Yes	Final Effluent	Total Residual Chlorine (TRC)	50060	0.6	0.5	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.6	1.6	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	< 3.8	30.0	mg/L	Average Monthly
09/01/2023	09/30/2023	10/28/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	< 0.1	4.5	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	< 0.2	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	17.0	4.0	mg/L	Daily Minimum
					Final Effluent	Fecal Coliform	74055	12	200	No./100 ml	Geometric Mean
					Final Effluent	Flow	50050	0.03	Monitor and Report	MGD	Average Monthly
					Final Effluent	pH	00400	6.9	9.0	S.U.	Daily Maximum
					Final Effluent	pH	00400	6.1	6.0	S.U.	Daily Minimum
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.6	0.5	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.83	1.6	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	9.3	30.0	mg/L	Average Monthly
10/01/2023	10/31/2023	11/28/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	< 0.1	4.5	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	< 2.0	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	18.2	4.0	mg/L	Daily Minimum
					Final Effluent	Fecal Coliform	74055	10	2000	No./100 ml	Geometric Mean
					Final Effluent	Flow	50050	0.03	Monitor and Report	MGD	Average Monthly
					Final Effluent	pH	00400	6.9	9.0	S.U.	Daily Maximum
					Final Effluent	pH	00400	6.1	6.0	S.U.	Daily Minimum
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.4	0.5	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.5	1.6	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	7.3	30.0	mg/L	Average Monthly
10/01/2023	12/31/2023	01/28/2024	001	Yes	Final Effluent	Total Nitrogen	00600	< 0.5	Monitor and Report	mg/L	Average Quarterly

**National Pollutant Discharge Elimination System (NPDES)  
Electronic Discharge Monitoring Report (eDMR)**

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10/01/2023	12/31/2023	01/28/2024	001	Yes	Final Effluent	Total Phosphorus	00665	2.28	Monitor and Report	mg/L	Average Quarterly
11/01/2023	11/30/2023	12/28/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	< 0.1	13.5	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	2.7	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	19.8	4.0	mg/L	Daily Minimum
					Final Effluent	Fecal Coliform	74055	6.9	2000	No./100 ml	Geometric Mean
					Final Effluent	Flow	50050	0.03	Monitor and Report	MGD	Average Monthly
					Final Effluent	pH	00400	7.2	9.0	S.U.	Daily Maximum
					Final Effluent	pH	00400	6.5	6.0	S.U.	Daily Minimum
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.5	0.5	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.63	1.6	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	6.8	30.0	mg/L	Average Monthly
12/01/2023	12/31/2023	01/28/2024	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	< 0.1	13.5	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	4.2	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	12.5	4.0	mg/L	Daily Minimum
					Final Effluent	Fecal Coliform	74055	7.0	2000	No./100 ml	Geometric Mean
					Final Effluent	Flow	50050	0.03	Monitor and Report	MGD	Average Monthly
					Final Effluent	pH	00400	7.1	9.0	S.U.	Daily Maximum
					Final Effluent	pH	00400	6.7	6.0	S.U.	Daily Minimum
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.5	0.5	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.60	1.6	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	11.8	30.0	mg/L	Average Monthly

**National Pollutant Discharge Elimination System (NPDES)  
Electronic Discharge Monitoring Report (eDMR)**

11/21/2025 10:24:05 AM

**Region: All**  
**County: All**  
**Municipality: All**  
**Permit #: PA0037991**  
**Monitoring Period Date Range: 1/1/2023 To 12/31/2023**  
**Client: All**  
**Parameter: All**

Permit #:	<b>PA0037991</b>	Facility Address:	<b>IMPERIAL POINT NORTH MHP US ROUTE 20 GIRARD, PA 16417</b>
Client ID / Name:	<b>275993 - MAINLINES MANHOLES &amp; WASTEWATER TRMT INC</b>	County:	<b>Erie</b>
Primary Facility ID / Name:	<b>485972 - IMPERIAL POINT NORTH MHP</b>	Municipality:	<b>Girard Twp</b>
Major Facility:	<b>No</b>	Latitude / Longitude:	<b>42.009167 / -80.304167</b>
Region:	<b>NWRO</b>		

Monitoring Period Begin Date	Monitoring Period End Date	DMR Received Date	Outfall	Discharge	Monitoring Location	Parameter Name	Parameter Code	DMR Value	Permit Limit	Units	Statistical Base Code
01/01/2023	01/31/2023	02/08/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	< 0.1	6.0	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	< 2.0	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	7.4	4.0	mg/L	Instantaneous Minimum
					Final Effluent	Fecal Coliform	74055	< 1	2000	No./100 ml	Geometric Mean
					Final Effluent	Fecal Coliform	74055	< 1	10000	No./100 ml	Instantaneous Maximum
					Final Effluent	Flow	50050	0.088	Monitor and Report	MGD	Average Monthly
					Final Effluent	Flow	50050	0.119	Monitor and Report	MGD	Daily Maximum
					Final Effluent	pH	00400	7.0	9.0	S.U.	Instantaneous Maximum
					Final Effluent	pH	00400	6.5	6.0	S.U.	Instantaneous Minimum
					Final Effluent	Total Phosphorus	00665	0.04	1.0	mg/L	Average Monthly
Final Effluent	Total Residual Chlorine (TRC)	50060	0.06	0.21	mg/L	Average Monthly					

**National Pollutant Discharge Elimination System (NPDES)  
Electronic Discharge Monitoring Report (eDMR)**

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01/01/2023	01/31/2023	02/08/2023	001	Yes	Final Effluent	Total Residual Chlorine (TRC)	50060	0.16	0.68	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	3.0	30.0	mg/L	Average Monthly
01/01/2023	03/31/2023	03/07/2023	001	Yes	Final Effluent	Total Nitrogen	00600	23.442	Monitor and Report	mg/L	Average Quarterly
02/01/2023	02/28/2023	03/07/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	5.9	6.0	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	< 2.0	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	7.2	4.0	mg/L	Instantaneous Minimum
					Final Effluent	Fecal Coliform	74055	< 2	2000	No./100 ml	Geometric Mean
					Final Effluent	Fecal Coliform	74055	4	10000	No./100 ml	Instantaneous Maximum
					Final Effluent	Flow	50050	0.081	Monitor and Report	MGD	Average Monthly
					Final Effluent	Flow	50050	0.138	Monitor and Report	MGD	Daily Maximum
					Final Effluent	pH	00400	6.9	9.0	S.U.	Instantaneous Maximum
					Final Effluent	pH	00400	6.5	6.0	S.U.	Instantaneous Minimum
					Final Effluent	Total Phosphorus	00665	0.1	1.0	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.08	0.21	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.17	0.68	mg/L	Instantaneous Maximum
Final Effluent	Total Suspended Solids	00530	6.0	30.0	mg/L	Average Monthly					
03/01/2023	03/31/2023	04/05/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	0.1	6.0	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	< 6.0	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	7.7	4.0	mg/L	Instantaneous Minimum
					Final Effluent	Fecal Coliform	74055	1086	2000	No./100 ml	Geometric Mean
					Final Effluent	Fecal Coliform	74055	1203	10000	No./100 ml	Instantaneous Maximum

**National Pollutant Discharge Elimination System (NPDES)  
Electronic Discharge Monitoring Report (eDMR)**

11/21/2025 10:24:05 AM

03/01/2023	03/31/2023	04/05/2023	001	Yes	Final Effluent	Flow	50050	0.077	Monitor and Report	MGD	Average Monthly
					Final Effluent	Flow	50050	0.1	Monitor and Report	MGD	Daily Maximum
					Final Effluent	pH	00400	6.9	9.0	S.U.	Instantaneous Maximum
					Final Effluent	pH	00400	6.3	6.0	S.U.	Instantaneous Minimum
					Final Effluent	Total Phosphorus	00665	0.04	1.0	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.08	0.21	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.12	0.68	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	4.0	30.0	mg/L	Average Monthly
04/01/2023	04/30/2023	05/03/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	< 0.1	6.0	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	4.0	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	5.4	4.0	mg/L	Instantaneous Minimum
					Final Effluent	Fecal Coliform	74055	144	2000	No./100 ml	Geometric Mean
					Final Effluent	Fecal Coliform	74055	2420	10000	No./100 ml	Instantaneous Maximum
					Final Effluent	Flow	50050	0.068	Monitor and Report	MGD	Average Monthly
					Final Effluent	Flow	50050	0.098	Monitor and Report	MGD	Daily Maximum
					Final Effluent	pH	00400	6.8	9.0	S.U.	Instantaneous Maximum
					Final Effluent	pH	00400	6.3	6.0	S.U.	Instantaneous Minimum
					Final Effluent	Total Phosphorus	00665	0.1	1.0	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.10	0.21	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.19	0.68	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	8.0	30.0	mg/L	Average Monthly

**National Pollutant Discharge Elimination System (NPDES)  
Electronic Discharge Monitoring Report (eDMR)**

11/21/2025 10:24:05 AM

04/01/2023	06/30/2023	06/08/2023	001	Yes	Final Effluent	Total Nitrogen	00600	21.52	Monitor and Report	mg/L	Average Quarterly
05/01/2023	05/31/2023	06/08/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	< 0.2	2.0	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	< 2.0	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	5.1	4.0	mg/L	Instantaneous Minimum
					Final Effluent	Fecal Coliform	74055	126	200	No./100 ml	Geometric Mean
					Final Effluent	Fecal Coliform	74055	866	1000	No./100 ml	Instantaneous Maximum
					Final Effluent	Flow	50050	0.062	Monitor and Report	MGD	Average Monthly
					Final Effluent	Flow	50050	0.106	Monitor and Report	MGD	Daily Maximum
					Final Effluent	pH	00400	6.8	9.0	S.U.	Instantaneous Maximum
					Final Effluent	pH	00400	6.3	6.0	S.U.	Instantaneous Minimum
					Final Effluent	Total Phosphorus	00665	0.2	1.0	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.11	0.21	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.18	0.68	mg/L	Instantaneous Maximum
Final Effluent	Total Suspended Solids	00530	10.0	30.0	mg/L	Average Monthly					
06/01/2023	06/30/2023	07/19/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	0.1	2.0	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	5.0	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	4.1	4.0	mg/L	Instantaneous Minimum
					Final Effluent	Fecal Coliform	74055	< 5	200	No./100 ml	Geometric Mean
					Final Effluent	Fecal Coliform	74055	23	1000	No./100 ml	Instantaneous Maximum
					Final Effluent	Flow	50050	0.052	Monitor and Report	MGD	Average Monthly
					Final Effluent	Flow	50050	0.077	Monitor and Report	MGD	Daily Maximum

**National Pollutant Discharge Elimination System (NPDES)  
Electronic Discharge Monitoring Report (eDMR)**

11/21/2025 10:24:05 AM

06/01/2023	06/30/2023	07/19/2023	001	Yes	Final Effluent	pH	00400	6.7	9.0	S.U.	Instantaneous Maximum
					Final Effluent	pH	00400	6.4	6.0	S.U.	Instantaneous Minimum
					Final Effluent	Total Phosphorus	00665	2.2	1.0	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.09	0.21	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.19	0.68	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	13.0	30.0	mg/L	Average Monthly
07/01/2023	07/31/2023	08/08/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	< 0.1	2.0	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	3.0	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	4.0	4.0	mg/L	Instantaneous Minimum
					Final Effluent	Fecal Coliform	74055	2	200	No./100 ml	Geometric Mean
					Final Effluent	Fecal Coliform	74055	5	1000	No./100 ml	Instantaneous Maximum
					Final Effluent	Flow	50050	0.054	Monitor and Report	MGD	Average Monthly
					Final Effluent	Flow	50050	0.096	Monitor and Report	MGD	Daily Maximum
					Final Effluent	pH	00400	6.8	9.0	S.U.	Instantaneous Maximum
					Final Effluent	pH	00400	6.4	6.0	S.U.	Instantaneous Minimum
					Final Effluent	Total Phosphorus	00665	1.2	1.0	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.12	0.21	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.19	0.68	mg/L	Instantaneous Maximum
Final Effluent	Total Suspended Solids	00530	4.0	30.0	mg/L	Average Monthly					
07/01/2023	09/30/2023	09/07/2023	001	Yes	Final Effluent	Total Nitrogen	00600	8.15	Monitor and Report	mg/L	Average Quarterly
08/01/2023	08/31/2023	09/07/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	< 0.1	2.0	mg/L	Average Monthly

**National Pollutant Discharge Elimination System (NPDES)  
Electronic Discharge Monitoring Report (eDMR)**

11/21/2025 10:24:05 AM

08/01/2023	08/31/2023	09/07/2023	001	Yes	Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	< 3.0	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	5.5	4.0	mg/L	Instantaneous Minimum
					Final Effluent	Fecal Coliform	74055	2	200	No./100 ml	Geometric Mean
					Final Effluent	Fecal Coliform	74055	5	1000	No./100 ml	Instantaneous Maximum
					Final Effluent	Flow	50050	0.054	Monitor and Report	MGD	Average Monthly
					Final Effluent	Flow	50050	0.11	Monitor and Report	MGD	Daily Maximum
					Final Effluent	pH	00400	6.7	9.0	S.U.	Instantaneous Maximum
					Final Effluent	pH	00400	6.4	6.0	S.U.	Instantaneous Minimum
					Final Effluent	Total Phosphorus	00665	0.7	1.0	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.14	0.21	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.19	0.68	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	< 3.0	30.0	mg/L	Average Monthly
09/01/2023	09/30/2023	10/12/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	< 0.1	2.0	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	7.0	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	5.5	4.0	mg/L	Instantaneous Minimum
					Final Effluent	Fecal Coliform	74055	< 8	200	No./100 ml	Geometric Mean
					Final Effluent	Fecal Coliform	74055	71	1000	No./100 ml	Instantaneous Maximum
					Final Effluent	Flow	50050	0.049	Monitor and Report	MGD	Average Monthly
					Final Effluent	Flow	50050	0.059	Monitor and Report	MGD	Daily Maximum
					Final Effluent	pH	00400	6.6	9.0	S.U.	Instantaneous Maximum

**National Pollutant Discharge Elimination System (NPDES)  
Electronic Discharge Monitoring Report (eDMR)**

11/21/2025 10:24:05 AM

09/01/2023	09/30/2023	10/12/2023	001	Yes	Final Effluent	pH	00400	6.3	6.0	S.U.	Instantaneous Minimum
					Final Effluent	Total Phosphorus	00665	0.8	1.0	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.11	0.21	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.19	0.68	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	6.0	30.0	mg/L	Average Monthly
10/01/2023	10/31/2023	11/09/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	< 0.1	2.0	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	4.0	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	5.2	4.0	mg/L	Instantaneous Minimum
					Final Effluent	Fecal Coliform	74055	23	2000	No./100 ml	Geometric Mean
					Final Effluent	Fecal Coliform	74055	32	10000	No./100 ml	Instantaneous Maximum
					Final Effluent	Flow	50050	0.054	Monitor and Report	MGD	Average Monthly
					Final Effluent	Flow	50050	0.118	Monitor and Report	MGD	Daily Maximum
					Final Effluent	pH	00400	6.8	9.0	S.U.	Instantaneous Maximum
					Final Effluent	pH	00400	6.4	6.0	S.U.	Instantaneous Minimum
					Final Effluent	Total Phosphorus	00665	0.7	1.0	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.12	0.21	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.18	0.68	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	< 3.0	30.0	mg/L	Average Monthly
10/01/2023	12/31/2023	12/07/2023	001	Yes	Final Effluent	Total Nitrogen	00600	8.967	Monitor and Report	mg/L	Average Quarterly
11/01/2023	11/30/2023	12/07/2023	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	< 0.1	6.0	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	< 2.0	25.0	mg/L	Average Monthly

**National Pollutant Discharge Elimination System (NPDES)  
Electronic Discharge Monitoring Report (eDMR)**

11/21/2025 10:24:05 AM

11/01/2023	11/30/2023	12/07/2023	001	Yes	Final Effluent	Dissolved Oxygen	00300	6.8	4.0	mg/L	Instantaneous Minimum
					Final Effluent	Fecal Coliform	74055	< 2	2000	No./100 ml	Geometric Mean
					Final Effluent	Fecal Coliform	74055	3	10000	No./100 ml	Instantaneous Maximum
					Final Effluent	Flow	50050	0.058	Monitor and Report	MGD	Average Monthly
					Final Effluent	Flow	50050	0.078	Monitor and Report	MGD	Daily Maximum
					Final Effluent	pH	00400	7.0	9.0	S.U.	Instantaneous Maximum
					Final Effluent	pH	00400	6.7	6.0	S.U.	Instantaneous Minimum
					Final Effluent	Total Phosphorus	00665	0.90	1.0	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.12	0.21	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.41	0.68	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	< 5.0	30.0	mg/L	Average Monthly
12/01/2023	12/31/2023	01/10/2024	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	< 0.1	6.0	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	2.0	25.0	mg/L	Average Monthly
					Final Effluent	Dissolved Oxygen	00300	5.3	4.0	mg/L	Instantaneous Minimum
					Final Effluent	Fecal Coliform	74055	< 2	2000	No./100 ml	Geometric Mean
					Final Effluent	Fecal Coliform	74055	6	10000	No./100 ml	Instantaneous Maximum
					Final Effluent	Flow	50050	0.072	Monitor and Report	MGD	Average Monthly
					Final Effluent	Flow	50050	0.097	Monitor and Report	MGD	Daily Maximum
					Final Effluent	pH	00400	6.9	9.0	S.U.	Instantaneous Maximum
					Final Effluent	pH	00400	6.7	6.0	S.U.	Instantaneous Minimum
					Final Effluent	Total Phosphorus	00665	0.4	1.0	mg/L	Average Monthly

**National Pollutant Discharge Elimination System (NPDES)  
Electronic Discharge Monitoring Report (eDMR)**

11/21/2025 10:24:05 AM

12/01/2023	12/31/2023	01/10/2024	001	Yes	Final Effluent	Total Residual Chlorine (TRC)	50060	0.13	0.21	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.18	0.68	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	< 4.0	30.0	mg/L	Average Monthly

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*, of the right to begin to offer, render, furnish, and supply wastewater service to the public in portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.'S RESPONSES TO BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-15. Please specify whether each Mainlines Wastewater System is required to file a DEP Chapter 94 Municipal Wasteload Management Report and provide a copy of the most recent report for each applicable Mainlines Wastewater System.

**RESPONSE:** None of the Mainlines Wastewater Systems are required to file a DEP Chapter 94 Municipal Wasteload Management Report. Each of the Mainlines Wastewater Systems covered under WQM Permit Nos. 2501427, 2501427-T1, 2503424, 2571411, 2587414, and 2592409, as well as the systems associated with NPDES Permit Nos. PA0031461 and PA0037991, are privately owned, privately operated, direct-discharge sewage treatment facilities that serve only the residents or tenants of the associated private property. These systems do not accept municipal sewage, do not convey flows from a municipal sewer system, and are not owned or operated by a municipality or municipal authority.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*,  
of the right to begin to offer, render, furnish, and supply wastewater service to the public in  
portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.'S RESPONSES TO  
BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-16. Please verify that each Mainlines Wastewater System has adequate collection, conveyance,  
and treatment capacity to meet present and future customer demands.

**RESPONSE:** Mainlines verifies that each of its wastewater systems possesses sufficient  
collection, conveyance, and treatment capacity to meet both current customer demand and  
reasonably anticipated future demand within the requested service territories.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*,  
of the right to begin to offer, render, furnish, and supply wastewater service to the public in  
portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.'S RESPONSES TO  
BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-17. Please provide a 5-year compliance history with DEP for each utility owned or operated  
by Mainlines or any prior owner/operator, with an explanation of each violation.

**RESPONSE:** Copies of the available 5-year DEP compliance history materials for each Mainlines  
Wastewater System are attached. These documents reflect the compliance information in  
Mainlines' possession. Mainlines will supplement this response if additional materials are  
located.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025



November 12, 2020

Kyle Luciano  
Mainlines Manholes & Wastewater Treatment, Inc.  
9208 Tannery Road  
Girard, PA 16417

Re: Final NPDES Permit- Sewage  
Hickory Hill Country Village MHP  
NPDES Permit No. PA0031461  
Authorization ID No. 1291434  
Waterford Township, Erie County

Dear Mr. Luciano:

Your NPDES permit is enclosed. Please read the permit carefully. The permit expires on the date identified on page 1 of the permit. A renewal application must be submitted to this office 180 days prior to the permit expiration date, if a discharge is expected to continue past the expiration date of the permit.

Enclosed are Discharge Monitoring Report (DMR) templates and DMR instructions. It is recommended that you retain the DMR templates in the event you are unable to submit DMRs electronically through DEP's eDMR system. Routine use of the eDMR system is a requirement of the permit unless the conditions in Part A III.B.3 of the permit are met to submit hard copies.

Also enclosed is a Supplemental Form Inventory, which identifies the forms that are attached to the permit and must be submitted as attachments to eDMR reports, as applicable (see individual form instructions). The submission of other supplemental forms may be required in accordance with the permit. We encourage you to use the spreadsheet versions of supplemental forms that contain appropriate validation and DEP-approved calculations.

We would like to bring DEP's eNOTICE service to your attention. eNOTICE is a subscription service that provides options to receive notifications of DEP's activities such as the receipt of permit applications, comment periods for guidance and regulations, and stream redesignation evaluations. To sign up for an account, visit DEP's website ([www.dep.pa.gov](http://www.dep.pa.gov)) and select Data and Tools – Tools – eNOTICE.

Any person aggrieved by this action may appeal the action to the Environmental Hearing Board (Board), pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. § 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A. The Board's address is:

Environmental Hearing Board  
Rachel Carson State Office Building, Second Floor

Mr. Kyle Luciano

- 2 -

400 Market Street  
P.O. Box 8457  
Harrisburg, PA 17105-8457

TDD users may contact the Environmental Hearing Board through the Pennsylvania Relay Service, 800-654-5984.

Appeals must be filed with the Board within 30 days of receipt of notice of this action unless the appropriate statute provides a different time. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

A Notice of Appeal form and the Board's rules of practice and procedure may be obtained online at <http://ehb.courtapps.com> or by contacting the Secretary to the Board at 717-787-3483. The Notice of Appeal form and the Board's rules are also available in braille and on audiotape from the Secretary to the Board.

**IMPORTANT LEGAL RIGHTS ARE AT STAKE. YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD AT 717-787-3483 FOR MORE INFORMATION. YOU DO NOT NEED A LAWYER TO FILE A NOTICE OF APPEAL WITH THE BOARD.**

**IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST BE FILED WITH AND RECEIVED BY THE BOARD WITHIN 30 DAYS OF RECEIPT OF NOTICE OF THIS ACTION.**

If you have any questions, please contact Adam Pesek at 814.332.6331.

Sincerely,

John A. Holden

John A. Holden, P.E.  
Environmental Program Manager  
Clean Water Program

Enclosures

cc: Jackie Pfadt  
Sharon Risjan / Waterford Township  
Erie County Health Department  
Central Office, Division of Operations



# AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE REQUIREMENTS FOR NON-MUNICIPAL SEWAGE TREATMENT WORKS

**NPDES PERMIT NO: PA0031461**

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 *et seq.* ("the Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 *et seq.*,

**Mainlines Manholes & Wastewater Treatment, Inc.  
9208 Tannery Road  
Girard, PA 16417**

is authorized to discharge from a facility known as **Hickory Hill Country Village MHP**, located on **Trask Road, Waterford, PA 16441-0084**, located in **Waterford Township, Erie County**, to an **Unnamed Tributary of Trout Run (HQ-CWF)** in Watershed(s) **16-A** in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts A, B and C hereof.

**THIS PERMIT SHALL BECOME EFFECTIVE ON** DECEMBER 1, 2020

**THIS PERMIT SHALL EXPIRE AT MIDNIGHT ON** NOVEMBER 30, 2025

The authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application, its supporting documents and/or amendments and the terms and conditions of this permit, the terms and conditions shall apply.
2. Failure to comply with the terms, conditions or effluent limitations of this permit is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. (40 CFR 122.41(a))
3. A complete application for renewal of this permit, or notice of intent to cease discharging by the expiration date, must be submitted to DEP at least 180 days prior to the above expiration date (unless permission has been granted by DEP for submission at a later date), using the appropriate NPDES permit application form. (40 CFR 122.41(b), 122.21(d)(2))

In the event that a timely and complete application for renewal has been submitted and DEP is unable, through no fault of the permittee, to reissue the permit before the above expiration date, the terms and conditions of this permit, including submission of the Discharge Monitoring Reports (DMRs), will be automatically continued and will remain fully effective and enforceable against the discharger until DEP takes final action on the pending permit application. (25 Pa. Code §§ 92a.7(b), (c))

4. This NPDES permit does not constitute authorization to construct or make modifications to wastewater treatment facilities necessary to meet the terms and conditions of this permit.

**DATE PERMIT ISSUED** November 12, 2020

**ISSUED BY** John A. Holden  
**John A. Holden, P.E.**  
**Environmental Program Manager**  
**Northwest Regional Office**

**PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS**

I. A. For Outfall 001, Latitude 41° 58' 22", Longitude 80° 1' 27", River Mile Index 1.04, Stream Code 53494

Receiving Waters: Unnamed Tributary of Trout Run (HQ-CWF)

Type of Effluent: Treated Sewage Effluent

1. The permittee is authorized to discharge during the period from **Pemit Effective Date** through **Pemit Expiration Date**.
2. Based on the anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements and Footnotes).

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	2/month	Measured
pH (S.U.)	XXX	XXX	6.0 Daily Min	XXX	9.0 Daily Max	XXX	1/day	Grab
Dissolved Oxygen	XXX	XXX	4.0 Daily Min	XXX	XXX	XXX	1/day	Grab
Total Residual Chlorine (TRC)	XXX	XXX	XXX	0.5	XXX	1.15	1/day	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5)	XXX	XXX	XXX	25.0	XXX	50	2/month	8-Hr Composite
Total Suspended Solids	XXX	XXX	XXX	30.0	XXX	60	2/month	8-Hr Composite
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	2/month	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	2/month	Grab
Total Nitrogen	XXX	XXX	XXX	Report Avg Qrtly	XXX	XXX	1/quarter	8-Hr Composite
Ammonia-Nitrogen Nov 1 - Apr 30	XXX	XXX	XXX	13.5	XXX	27	2/month	8-Hr Composite
Ammonia-Nitrogen May 1 - Oct 31	XXX	XXX	XXX	4.5	XXX	9	2/month	8-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> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Total Phosphorus	XXX	XXX	XXX	Report Avg Qrtly	XXX	XXX	1/quarter	8-Hr Composite

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

at Outfall 001 (after disinfection)

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**PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS  
(Continued)**

Additional Requirements

1. The permittee may not discharge:
  - a. Floating solids, scum, sheen or substances that result in observed deposits in the receiving water. (25 Pa Code § 92a.41(c))
  - b. Oil and grease in amounts that cause a film or sheen upon or discoloration of the waters of this Commonwealth or adjoining shoreline, or that exceed 15 mg/l as a daily average or 30 mg/l at any time (or lesser amounts if specified in this permit). (25 Pa. Code § 92a.47(a)(7), § 95.2(2))
  - c. Substances in concentration or amounts sufficient to be inimical or harmful to the water uses to be protected or to human, animal, plant or aquatic life. (25 Pa Code § 93.6(a))
  - d. Foam or substances that produce an observed change in the color, taste, odor or turbidity of the receiving water, unless those conditions are otherwise controlled through effluent limitations or other requirements in this permit. For the purpose of determining compliance with this condition, DEP will compare conditions in the receiving water upstream of the discharge to conditions in the receiving water approximately 100 feet downstream of the discharge to determine if there is an observable change in the receiving water. (25 Pa Code § 92a.41(c))
2. If the permit requires the reporting of average weekly statistical results, the maximum weekly average concentration and maximum weekly average mass loading shall be reported, regardless of whether the results are obtained for the same or different weeks.
3. The permittee shall monitor the sewage effluent discharge(s) for the effluent parameters identified in the Part A limitations table(s) during all bypass events at the facility, using the sample types that are specified in the limitations table(s). Where the required sample type is "composite", the permittee must commence sample collection within one hour of the start of the bypass, wherever possible. The results shall be reported on the Daily Effluent Monitoring supplemental form (3800-FM-BCW0435) and be incorporated into the calculations used to report self-monitoring data on Discharge Monitoring Reports (DMRs).

Footnotes

- (1) When sampling to determine compliance with mass effluent limitations, the discharge flow at the time of sampling must be measured and recorded.
- (2) This is the minimum number of sampling events required. Permittees are encouraged, and it may be advantageous in demonstrating compliance, to perform more than the minimum number of sampling events.

Supplemental Information

- (1) The effluent limitations for Outfall 001 were determined using an effluent discharge rate of 0.04 MGD.
- (2) Total Nitrogen is the sum of Total Kjeldahl-N (TKN) plus Nitrite-Nitrate as N ( $\text{NO}_2+\text{NO}_3\text{-N}$ ), where TKN and  $\text{NO}_2+\text{NO}_3\text{-N}$  are measured in the same sample.

## II. DEFINITIONS

**At Outfall (XXX)** means a sampling location in outfall line XXX below the last point at which wastes are added to outfall line (XXX), or where otherwise specified.

**Average** refers to the use of an arithmetic mean, unless otherwise specified in this permit. (40 CFR 122.41(l)(4)(iii))

**Best Management Practices (BMPs)** means schedules of activities, prohibitions of practices, maintenance procedures and other management practices to prevent or reduce the pollutant loading to surface waters of the Commonwealth. The term also includes treatment requirements, operating procedures and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage. The term includes activities, facilities, measures, planning or procedures used to minimize accelerated erosion and sedimentation and manage stormwater to protect, maintain, reclaim, and restore the quality of waters and the existing and designated uses of waters within this Commonwealth before, during and after earth disturbance activities. (25 Pa. Code § 92a.2)

**Bypass** means the intentional diversion of waste streams from any portion of a treatment facility. (40 CFR 122.41(m)(1)(i))

**Calendar Week** is defined as the seven consecutive days from Sunday through Saturday, unless the permittee has been given permission by DEP to provide weekly data as Monday through Friday based on showing excellent performance of the facility and a history of compliance. In cases when the week falls in two separate months, the month with the most days in that week shall be the month for reporting.

**Clean Water Act** means the Federal Water Pollution Control Act, as amended. (33 U.S.C.A. §§ 1251 to 1387).

**Composite Sample** (for all except GC/MS volatile organic analysis) means a combination of individual samples (at least eight for a 24-hour period or four for an 8-hour period) of at least 100 milliliters (mL) each obtained at spaced time intervals during the compositing period. The composite must be flow-proportional; either the volume of each individual sample is proportional to discharge flow rates, or the sampling interval is proportional to the flow rates over the time period used to produce the composite. (EPA Form 2C)

**Composite Sample** (for GC/MS volatile organic analysis) consists of at least four aliquots or grab samples collected during the sampling event (not necessarily flow proportioned). The samples must be combined in the laboratory immediately before analysis and then one analysis is performed. (EPA Form 2C)

**Daily Average Temperature** means the average of all temperature measurements made, or the mean value plot of the record of a continuous automated temperature recording instrument, either during a calendar day or during the operating day if flows are of a shorter duration.

**Daily Discharge** means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the day. (25 Pa. Code § 92a.2, 40 CFR 122.2)

**Daily Maximum Discharge Limitation** means the highest allowable "daily discharge."

**Discharge Monitoring Report (DMR)** means the DEP or EPA supplied form(s) for the reporting of self-monitoring results by the permittee. (25 Pa. Code § 92a.2, 40 CFR 122.2)

**Estimated Flow** means any method of liquid volume measurement based on a technical evaluation of the sources contributing to the discharge including, but not limited to, pump capabilities, water meters and batch discharge volumes.

**Geometric Mean** means the average of a set of n sample results given by the nth root of their product.

**Grab Sample** means an individual sample of at least 100 mL collected at a randomly selected time over a period not to exceed 15 minutes. (EPA Form 2C)

**Hazardous Substance** means any substance designated under 40 CFR Part 116 pursuant to Section 311 of the Clean Water Act. (40 CFR 122.2)

**Hauled-In Wastes** means any waste that is introduced into a treatment facility through any method other than a direct connection to the sewage collection system. The term includes wastes transported to and disposed of within the treatment facility or other entry points within the collection system.

**Immersion Stabilization** (i-s) means a calibrated device is immersed in the wastewater until the reading is stabilized.

**Instantaneous Maximum Effluent Limitation** means the highest allowable discharge of a concentration or mass of a substance at any one time as measured by a grab sample. (25 Pa. Code § 92a.2)

**Measured Flow** means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or for which a relationship to absolute volume has been obtained.

**Monthly Average Discharge Limitation** means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month. (25 Pa. Code § 92a.2)

**Municipal Waste** means garbage, refuse, industrial lunchroom or office waste and other material, including solid, liquid, semisolid or contained gaseous material resulting from operation of residential, municipal, commercial or institutional establishments and from community activities; and sludge not meeting the definition of residual or hazardous waste under this section from a municipal, commercial or institutional water supply treatment plant, waste water treatment plant or air pollution control facility. (25 Pa. Code § 271.1)

**Residual Waste** means garbage, refuse, other discarded material or other waste, including solid, liquid, semisolid or contained gaseous materials resulting from industrial, mining and agricultural operations and sludge from an industrial, mining or agricultural water supply treatment facility, wastewater treatment facility or air pollution control facility, if it is not hazardous. The term does not include coal refuse as defined in the Coal Refuse Disposal Control Act. The term does not include treatment sludges from coal mine drainage treatment plants, disposal of which is being carried on under and in compliance with a valid permit issued under the Clean Streams Law. (25 Pa Code § 287.1)

**Severe Property Damage** means substantial physical damage to property, damage to the treatment facilities that causes them to become inoperable, or substantial and permanent loss of natural resources that can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production. (40 CFR 122.41(m)(1)(ii))

**Stormwater** means the runoff from precipitation, snow melt runoff, and surface runoff and drainage. (25 Pa. Code § 92a.2)

**Stormwater Associated With Industrial Activity** means the discharge from any conveyance that is used for collecting and conveying stormwater and that is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant, and as defined at 40 CFR §122.26(b)(14)(i) - (ix) and (xi) and 25 Pa. Code § 92a.2.

**Total Dissolved Solids** means the total dissolved (filterable) solids as determined by use of the method specified in 40 CFR Part 136.

**Toxic Pollutant** means those pollutants, or combinations of pollutants, including disease-causing agents, which after discharge and upon exposure, ingestion, inhalation or assimilation into any organism, either directly from the environment or indirectly by ingestion through food chains may, on the basis of information available to DEP cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions, including malfunctions in reproduction, or physical deformations in these organisms or their offspring. (25 Pa. Code § 92a.2)

### III. SELF-MONITORING, REPORTING AND RECORDKEEPING

#### A. Representative Sampling

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity (40 CFR 122.41(j)(1)). Representative sampling includes the collection of samples, where possible, during periods of adverse weather, changes in treatment plant performance and changes in treatment plant loading. If possible, effluent samples must be collected where the effluent is well mixed near the center of the discharge conveyance and at the approximate mid-depth point, where the turbulence is at a maximum and the settlement of solids is minimized. (40 CFR 122.48, 25 Pa. Code § 92a.61)

2. Records Retention (40 CFR 122.41(j)(2))

Except for records of monitoring information required by this permit related to the permittee's sludge use and disposal activities which shall be retained for a period of at least 5 years, all records of monitoring activities and results (including all original strip chart recordings for continuous monitoring instrumentation and calibration and maintenance records), copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained by the permittee for 3 years from the date of the sample measurement, report or application. The 3-year period shall be extended as requested by DEP or the EPA Regional Administrator.

3. Recording of Results (40 CFR 122.41(j)(3))

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The exact place, date and time of sampling or measurements.
- b. The person(s) who performed the sampling or measurements.
- c. The date(s) the analyses were performed.
- d. The person(s) who performed the analyses.
- e. The analytical techniques or methods used; and the associated detection level.
- f. The results of such analyses.

4. Test Procedures

- a. Facilities that test or analyze environmental samples used to demonstrate compliance with this permit shall be in compliance with laboratory accreditation requirements of Act 90 of 2002 (27 Pa. C.S. §§ 4101-4113) and 25 Pa. Code Chapter 252, relating to environmental laboratory accreditation.
- b. Test procedures (methods) for the analysis of pollutants or pollutant parameters shall be those approved under 40 CFR Part 136 or required under 40 CFR Chapter I, Subchapters N or O, unless the method is specified in this permit or has been otherwise approved in writing by DEP. (40 CFR 122.41(j)(4), 122.44(i)(1)(iv))
- c. Test procedures (methods) for the analysis of pollutants or pollutant parameters shall be sufficiently sensitive. A method is sufficiently sensitive when 1) the method minimum level is at or below the level of the effluent limit established in the permit for the measured pollutant or pollutant parameter; or 2) the method has the lowest minimum level of the analytical methods approved under 40 CFR Part 136 or required under 40 CFR Chapter I, Subchapters N or O, for the measured pollutant or pollutant parameter; or 3) the method is specified in this permit or has been otherwise approved in writing by DEP for the measured pollutant or pollutant parameter. Permittees have the option of providing matrix or sample-specific minimum levels rather than the published levels. (40 CFR 122.44(i)(1)(iv))

5. Quality/Assurance/Control

In an effort to assure accurate self-monitoring analyses results:

- a. The permittee, or its designated laboratory, shall participate in the periodic scheduled quality assurance inspections conducted by DEP and EPA. (40 CFR 122.41(e), 122.41(i)(3))
- b. The permittee, or its designated laboratory, shall develop and implement a program to assure the quality and accurateness of the analyses performed to satisfy the requirements of this permit, in accordance with 40 CFR Part 136. (40 CFR 122.41(j)(4))

B. Reporting of Monitoring Results

1. The permittee shall effectively monitor the operation and efficiency of all wastewater treatment and control facilities, and the quantity and quality of the discharge(s) as specified in this permit. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.44, 92a.61(i) and 40 CFR §§ 122.41(e), 122.44(i)(1))
2. The permittee shall use DEP's electronic Discharge Monitoring Report (eDMR) system to report the results of compliance monitoring under this permit (see [www.dep.pa.gov/edmr](http://www.dep.pa.gov/edmr)). Permittees that are not using the eDMR system as of the effective date of this permit shall submit the necessary registration and trading partner agreement forms to DEP's Bureau of Clean Water (BCW) within 30 days of the effective date of this permit and begin using the eDMR system when notified by DEP BCW to do so. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.61(g) and 40 CFR § 122.41(l)(4))
3. Submission of a physical (paper) copy of a Discharge Monitoring Report (DMR) is acceptable under the following circumstances:
  - a. For a permittee that is not yet using the eDMR system, the permittee shall submit a physical copy of a DMR to the DEP regional office that issued the permit during the interim period between the submission of registration and trading partner agreement forms to DEP and DEP's notification to begin using the eDMR system.
  - b. For any permittee, as a contingency a physical DMR may be mailed to the DEP regional office that issued the permit if there are technological malfunction(s) that prevent the successful submission of a DMR through the eDMR system. In such situations, the permittee shall submit the DMR through the eDMR system within 5 days following remedy of the malfunction(s).
4. DMRs must be completed in accordance with DEP's published DMR instructions (3800-FM-BCW0463). DMRs must be received by DEP no later than 28 days following the end of the monitoring period. DMRs are based on calendar reporting periods and must be received by DEP in accordance with the following schedule:
  - Monthly DMRs must be received within 28 days following the end of each calendar month.
  - Quarterly DMRs must be received within 28 days following the end of each calendar quarter, i.e., January 28, April 28, July 28, and October 28.
  - Semiannual DMRs must be received within 28 days following the end of each calendar semiannual period, i.e., January 28 and July 28.
  - Annual DMRs must be received by January 28, unless Part C of this permit requires otherwise.
5. The permittee shall complete all Supplemental Reporting forms (Supplemental DMRs) attached to this permit, or an approved equivalent, and submit the signed, completed forms as attachments to the DMR, through DEP's eDMR system. DEP's Supplemental Laboratory Accreditation Form (3800-FM-BCW0189) must be completed and submitted to DEP with the first DMR following issuance of this permit, and anytime thereafter when changes to laboratories or methods occur. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.61(g) and 40 CFR § 122.41(l)(4))
6. The completed DMR Form shall be signed and certified by either of the following applicable persons, as defined in 25 Pa. Code § 92a.22:

- For a corporation - by a principal executive officer of at least the level of vice president, or an authorized representative, if the representative is responsible for the overall operation of the facility from which the discharge described in the NPDES form originates.
- For a partnership or sole proprietorship - by a general partner or the proprietor, respectively.
- For a municipality, state, federal or other public agency - by a principal executive officer or ranking elected official.

If signed by a person other than the above and for co-permittees, written notification of delegation of DMR signatory authority must be submitted to DEP in advance of or along with the relevant DMR form. (40 CFR § 122.22(b))

7. If the permittee monitors any pollutant at monitoring points as designated by this permit, using analytical methods described in Part A III.A.4. herein, more frequently than the permit requires, the results of this monitoring shall be incorporated, as appropriate, into the calculations used to report self-monitoring data on the DMR. (40 CFR 122.41(l)(4)(ii))

### C. Reporting Requirements

1. Planned Changes to Physical Facilities – The permittee shall give notice to DEP as soon as possible but no later than 30 days prior to planned physical alterations or additions to the permitted facility. A permit under 25 Pa. Code Chapter 91 may be required for these situations prior to implementing the planned changes. A permit application, or other written submission to DEP, can be used to satisfy the notification requirements of this section.

Notice is required when:

- a. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 CFR 122.29(b). (40 CFR 122.41(l)(1)(i))
  - b. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are not subject to effluent limitations in this permit. (40 CFR 122.41(l)(1)(ii))
  - c. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan. (40 CFR 122.41(l)(1)(iii))
  - d. The planned change may result in noncompliance with permit requirements. (40 CFR 122.41(l)(2))
2. Planned Changes to Waste Stream – Under the authority of 25 Pa. Code § 92a.24(a), the permittee shall provide notice to DEP as soon as possible but no later than 45 days prior to any planned changes in the volume or pollutant concentration of its influent waste stream as a result of indirect discharges or hauled-in wastes, as specified in paragraphs 2.a. and 2.b., below. Notice shall be provided on the "Planned Changes to Waste Stream" Supplemental Report (3800-FM-BCW0482), available on DEP's website. The permittee shall provide information on the quality and quantity of waste introduced into the facility, and any anticipated impact of the change on the quantity or quality of effluent to be discharged from the facility. The Report shall be sent via Certified Mail or other means to confirm DEP's receipt of the notification. DEP will determine if the submission of a new application and receipt of a new or amended permit is required.

- a. Introduction of New Pollutants (25 Pa. Code § 92a.24(a))

New pollutants are defined as parameters that meet all of the following criteria:

- (i) Were not detected in the facilities' influent waste stream as reported in the permit application; and

- (ii) Have not been approved to be included in the permittee's influent waste stream by DEP in writing.

The permittee shall provide notification of the introduction of new pollutants in accordance with paragraph 2 above. The permittee may not authorize the introduction of new pollutants until the permittee receives DEP's written approval.

b. Increased Loading of Approved Pollutants (25 Pa. Code § 92a.24(a))

Approved pollutants are defined as parameters that meet one or more of the following criteria:

- (i) Were detected in the facilities' influent waste stream as reported in the permittee's permit application; or
- (ii) Have been approved to be included in the permittee's influent waste stream by DEP in writing; or
- (iii) Have an effluent limitation or monitoring requirement in this permit.

The permittee shall provide notification of the introduction of increased influent loading (lbs/day) of approved pollutants in accordance with paragraph 2 above when (1) the cumulative increase in influent loading (lbs/day) exceeds 20% of the maximum loading reported in the permit application, or a loading previously approved by DEP, or (2) may cause an exceedance in the effluent of Effluent Limitation Guidelines (ELGs) or limitations in Part A of this permit, or (3) may cause interference or pass through at the facility (as defined at 40 CFR 403.3), or (4) may cause exceedances of the applicable water quality standards in the receiving stream. Unless specified otherwise in this permit, if DEP does not respond to the notification within 30 days of its receipt, the permittee may proceed with the increase in loading. The acceptance of increased loading of approved pollutants may not result in an exceedance of ELGs or effluent limitations and may not cause exceedances of the applicable water quality standards in the receiving stream.

3. Reporting Requirements for Hauled-In Wastes

a. Receipt of Residual Waste

- (i) The permittee shall document the receipt of all hauled-in residual wastes (including but not limited to wastewater from oil and gas wells, food processing waste, and landfill leachate), as defined at 25 Pa. Code § 287.1, that are received for processing at the treatment facility. The permittee shall report hauled-in residual wastes on a monthly basis to DEP on the "Hauled In Residual Wastes" Supplemental Report (3800-FM-BCW0450) as an attachment to the DMR. If no residual wastes were received during a month, submission of the Supplemental Report is not required.

The following information is required by the Supplemental Report. The information used to develop the Report shall be retained by the permittee for five years from the date of receipt and must be made available to DEP or EPA upon request.

- (1) The dates that residual wastes were received.
- (2) The volume (gallons) of wastes received.
- (3) The license plate number of the vehicle transporting the waste to the treatment facility.
- (4) The permit number(s) of the well(s) where residual wastes were generated, if applicable.
- (5) The name and address of the generator of the residual wastes.

- (6) The type of wastewater.

The transporter of residual waste must maintain these and other records as part of the daily operational record (25 Pa. Code § 299.219). If the transporter is unable to provide this information or the permittee has not otherwise received the information from the generator, the residual wastes shall not be accepted by the permittee until such time as the permittee receives such information from the transporter or generator.

- (ii) The following conditions apply to the characterization of residual wastes received by the permittee:
- (1) If the generator is required to complete a chemical analysis of residual wastes in accordance with 25 Pa. Code § 287.51, the permittee must receive and maintain on file a chemical analysis of the residual wastes it receives. The chemical analysis must conform to the Bureau of Waste Management's Form 26R except as noted in paragraph (2), below. Each load of residual waste received must be covered by a chemical analysis if the generator is required to complete it.
  - (2) For wastewater generated from hydraulic fracturing operations ("frac wastewater") within the first 30 production days of a well site, the chemical analysis may be a general frac wastewater characterization approved by DEP. Thereafter, the chemical analysis must be waste-specific and be reported on the Form 26R.

b. Receipt of Municipal Waste

- (i) The permittee shall document the receipt of all hauled-in municipal wastes (including but not limited to septage and liquid sewage sludge), as defined at 25 Pa. Code § 271.1, that are received for processing at the treatment facility. The permittee shall report hauled-in municipal wastes on a monthly basis to DEP on the "Hauled In Municipal Wastes" Supplemental Report (3800-FM-BCW0437) as an attachment to the DMR. If no municipal wastes were received during a month, submission of the Supplemental Report is not required.

The following information is required by the Supplemental Report:

- (1) The dates that municipal wastes were received.
  - (2) The volume (gallons) of wastes received.
  - (3) The BOD<sub>5</sub> concentration (mg/l) and load (lbs) for the wastes received.
  - (4) The location(s) where wastes were disposed of within the treatment facility.
- (ii) Sampling and analysis of hauled-in municipal wastes must be completed to characterize the organic strength of the wastes, unless composite sampling of influent wastewater is performed at a location downstream of the point of entry for the wastes.

4. Unanticipated Noncompliance or Potential Pollution Reporting

- a. Immediate Reporting - The permittee shall immediately report any incident causing or threatening pollution in accordance with the requirements of 25 Pa. Code §§ 91.33 and 92a.41(b).
- (i) If, because of an accident, other activity or incident a toxic substance or another substance which would endanger users downstream from the discharge, or would otherwise result in pollution or create a danger of pollution or would damage property, the permittee shall immediately notify DEP by telephone of the location and nature of the danger. Oral notification to the Department is required as soon as possible, but no later than 4 hours after the permittee becomes aware of the incident causing or threatening pollution.

- (ii) If reasonably possible to do so, the permittee shall immediately notify downstream users of the waters of the Commonwealth to which the substance was discharged. Such notice shall include the location and nature of the danger.
  - (iii) The permittee shall immediately take or cause to be taken steps necessary to prevent injury to property and downstream users of the waters from pollution or a danger of pollution and, in addition, within 15 days from the incident, shall remove the residual substances contained thereon or therein from the ground and from the affected waters of this Commonwealth to the extent required by applicable law.
- b. The permittee shall report any noncompliance which may endanger health or the environment in accordance with the requirements of 40 CFR 122.41(l)(6). These requirements include the following obligations:
- (i) 24 Hour Reporting - The permittee shall orally report any noncompliance with this permit which may endanger health or the environment within 24 hours from the time the permittee becomes aware of the circumstances. The following shall be included as information which must be reported within 24 hours under this paragraph:
    - (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
    - (2) Any upset which exceeds any effluent limitation in the permit; and
    - (3) Violation of the maximum daily discharge limitation for any of the pollutants listed in the permit as being subject to the 24-hour reporting requirement. (40 CFR 122.44(g))
  - (ii) Written Report - A written submission shall also be provided within 5 days of the time the permittee becomes aware of any noncompliance which may endanger health or the environment. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
  - (iii) Waiver of Written Report - DEP may waive the written report on a case-by-case basis if the associated oral report has been received within 24 hours from the time the permittee becomes aware of the circumstances which may endanger health or the environment. Unless such a waiver is expressly granted by DEP, the permittee shall submit a written report in accordance with this paragraph. (40 CFR 122.41(l)(6)(iii))

5. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under paragraph C.4 of this section or specific requirements of compliance schedules, at the time DMRs are submitted, on the Non-Compliance Reporting Form (3800-FM-BCW0440). The reports shall contain the information listed in paragraph C.4.b.(ii) of this section. (40 CFR 122.41(l)(7))

**PART B**

**I. MANAGEMENT REQUIREMENTS**

A. Compliance

1. The permittee shall comply with all conditions of this permit. If a compliance schedule has been established in this permit, the permittee shall achieve compliance with the terms and conditions of this permit within the time frames specified in this permit. (40 CFR 122.41(a)(1))
2. The permittee shall submit reports of compliance or noncompliance, or progress reports as applicable, for any interim and final requirements contained in this permit. Such reports shall be submitted no later than 14 days following the applicable schedule date or compliance deadline. (25 Pa. Code § 92a.51(c), 40 CFR 122.47(a)(4))

B. Permit Modification, Termination, or Revocation and Reissuance

1. This permit may be modified, terminated, or revoked and reissued during its term in accordance with Title 25 Pa. Code § 92a.72 and 40 CFR 122.41(f).
2. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition. (40 CFR 122.41(f))
3. In the absence of DEP action to modify or revoke and reissue this permit, the permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time specified in the regulations that establish those standards or prohibitions. (40 CFR 122.41(a)(1))

C. Duty to Provide Information

1. The permittee shall furnish to DEP, within a reasonable time, any information which DEP may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. (40 CFR 122.41(h))
2. The permittee shall furnish to DEP, upon request, copies of records required to be kept by this permit. (40 CFR 122.41(h))
3. Other Information - Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to DEP, it shall promptly submit the correct and complete facts or information. (40 CFR 122.41(l)(8))
4. If the sewage treatment facility provides service in part or whole to a municipality, through a contract or agreement between the operator and municipality, an annual report shall be submitted to DEP by March 31 containing the following information, at a minimum:
  - a. The information identified in 25 Pa. Code § 94.12.
  - b. A "Solids Management Inventory" if specified in Part C of this permit.
  - c. The total volume of hauled-in residual and municipal wastes received during the year, by source.

D. General Pretreatment Requirements

Where pollutants contributed by indirect dischargers result in interference or pass through, and a violation is likely to recur, the permittee shall develop and enforce specific limits for indirect dischargers and other users, as appropriate, that together with appropriate facility or operational changes, are necessary to ensure

renewed or continued compliance with this permit or sludge use or disposal practices. The permittee shall submit a copy of such limits to DEP when developed. (25 Pa. Code § 92a.47(d))

E. Proper Operation and Maintenance

1. The permittee shall employ operators certified in compliance with the Water and Wastewater Systems Operators Certification Act (63 P.S. §§ 1001-1015.1).
2. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes, but is not limited to, adequate laboratory controls including appropriate quality assurance procedures. This provision also includes the operation of backup or auxiliary facilities or similar systems that are installed by the permittee, only when necessary to achieve compliance with the terms and conditions of this permit. (40 CFR 122.41(e))

F. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge, sludge use or disposal in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment. (40 CFR 122.41(d))

G. Bypassing

1. Bypassing Not Exceeding Permit Limitations - The permittee may allow a bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions in paragraphs two, three and four of this section. (40 CFR 122.41(m)(2))
2. Other Bypassing - In all other situations, bypassing is prohibited and DEP may take enforcement action against the permittee for bypass unless:
  - a. A bypass is unavoidable to prevent loss of life, personal injury or "severe property damage." (40 CFR 122.41(m)(4)(i)(A))
  - b. There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance. (40 CFR 122.41(m)(4)(i)(B))
  - c. The permittee submitted the necessary notice required in G.4.a. and b. below. (40 CFR 122.41(m)(4)(i)(C))
3. DEP may approve an anticipated bypass, after considering its adverse effects, if DEP determines that it will meet the conditions listed in G.2. above. (40 CFR 122.41(m)(4)(ii))
4. Notice
  - a. Anticipated Bypass – If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible, at least 10 days before the bypass. (40 CFR 122.41(m)(3)(i))
  - b. Unanticipated Bypass – The permittee shall submit oral notice of any other unanticipated bypass within 24 hours, regardless of whether the bypass may endanger health or the environment or whether the bypass exceeds effluent limitations. The notice shall be in accordance with Part A III.C.4.b.

H. Sanitary Sewer Overflows (SSOs)

An SSO is an overflow of wastewater, or other untreated discharge from a separate sanitary sewer system (which is not a combined sewer system), which results from a flow in excess of the carrying capacity of the system or from some other cause prior to reaching the headworks of the sewage treatment facility. SSOs are not authorized under this permit. The permittee shall immediately report any SSO to DEP in accordance with Part A III.C.4 of this permit.

- I. Termination of Permit Coverage (25 Pa. Code § 92a.74 and 40 CFR 122.64)
  1. Notice of Termination (NOT) – If the permittee plans to cease operations or will otherwise no longer require coverage under this permit, the permittee shall submit DEP’s NPDES Notice of Termination (NOT) for Permits Issued Under Chapter 92a (3800-BCW-0410), signed in accordance with Part A III.B.6 of this permit, at least 30 days prior to cessation of operations or the date by which coverage is no longer required.
  2. Where the permittee plans to cease operations, NOTs must be accompanied with an operation closure plan that identifies how tankage and equipment will be decommissioned and how pollutants will be managed, as applicable.
  3. The permittee shall submit the NOT to the DEP regional office with jurisdiction over the county in which the facility is located.

## II. PENALTIES AND LIABILITY

### A. Violations of Permit Conditions

Any person violating Sections 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act or any permit condition or limitation implementing such sections in a permit issued under Section 402 of the Act is subject to civil, administrative and/or criminal penalties as set forth in 40 CFR §122.41(a)(2).

Any person or municipality, who violates any provision of this permit; any rule, regulation or order of DEP; or any condition or limitation of any permit issued pursuant to the Clean Streams Law, is subject to criminal and/or civil penalties as set forth in Sections 602, 603 and 605 of the Clean Streams Law.

### B. Falsifying Information

Any person who does any of the following:

- Falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit, or
- Knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit (including monitoring reports or reports of compliance or noncompliance)

Shall, upon conviction, be punished by a fine and/or imprisonment as set forth in 18 Pa.C.S.A § 4904 and 40 CFR 122.41(j)(5) and (k)(2).

### C. Liability

Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance pursuant to Section 309 of the Clean Water Act or Sections 602, 603 or 605 of the Clean Streams Law.

Nothing in this permit shall be construed to preclude the institution of any legal action or to relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject to under the Clean Water Act and the Clean Streams Law.

D. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. (40 CFR 122.41(c))

III. OTHER RESPONSIBILITIES

A. Right of Entry

Pursuant to Sections 5(b) and 305 of Pennsylvania's Clean Streams Law, and Title 25 Pa. Code Chapter 92a and 40 CFR 122.41(i), the permittee shall allow authorized representatives of DEP and EPA, upon the presentation of credentials and other documents as may be required by law:

1. To enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit; (40 CFR 122.41(i)(1))
2. To have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit; (40 CFR 122.41(i)(2))
3. To inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under this permit; and (40 CFR 122.41(i)(3))
4. To sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act or the Clean Streams Law, any substances or parameters at any location. (40 CFR 122.41(i)(4))

B. Transfer of Permits

1. Transfers by modification. Except as provided in paragraph 2 of this section, a permit may be transferred by the permittee to a new owner or operator only if this permit has been modified or revoked and reissued, or a minor modification made to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act. (40 CFR 122.61(a))
2. Automatic transfers. As an alternative to transfers under paragraph 1 of this section, any NPDES permit may be automatically transferred to a new permittee if:
  - a. The current permittee notifies DEP at least 30 days in advance of the proposed transfer date in paragraph 2.b. of this section; (40 CFR 122.61(b)(1))
  - b. The notice includes the appropriate DEP transfer form signed by the existing and new permittees containing a specific date for transfer of permit responsibility, coverage and liability between them; and (40 CFR 122.61(b)(2))
  - c. DEP does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue this permit, the transfer is effective on the date specified in the agreement mentioned in paragraph 2.b. of this section. (40 CFR 122.61(b)(3))
  - d. The new permittee is in compliance with existing DEP issued permits, regulations, orders and schedules of compliance, or has demonstrated that any noncompliance with the existing permits has been resolved by an appropriate compliance action or by the terms and conditions of the permit (including compliance schedules set forth in the permit), consistent with 25 Pa. Code § 92a.51 (relating to schedules of compliance) and other appropriate DEP regulations. (25 Pa. Code § 92a.71)
3. In the event DEP does not approve transfer of this permit, the new owner or operator must submit a new permit application.

C. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege. (40 CFR 122.41(g))

D. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for a new permit. (40 CFR 122.41(b))

E. Other Laws

The issuance of this permit does not authorize any injury to persons or property or invasion of other private rights, or any infringement of state or local law or regulations.

**IV. ANNUAL FEE**

Permittees shall pay an annual fee in accordance with 25 Pa. Code § 92a.62. Annual fee amounts are specified in the following schedule and are due on each anniversary of the effective date of the most recent new or reissued permit. All flows identified in the schedule are annual average design flows. (25 Pa. Code § 92a.62)

Small Flow Treatment Facility (SRSTP or SFTF)	\$0
Minor Sewage Facility < 0.05 MGD (million gallons per day)	\$250
Minor Sewage Facility ≥ 0.05 and < 1 MGD	\$500
Minor Sewage Facility with CSO (Combined Sewer Overflow)	\$750
Major Sewage Facility ≥ 1 and < 5 MGD	\$1,250
Major Sewage Facility ≥ 5 MGD	\$2,500
Major Sewage Facility with CSO	\$5,000

As of the effective date of this permit, the facility covered by the permit is classified in the following fee category:  
**Minor Sewage Facility <0.05 MGD.**

Invoices for annual fees will be mailed to permittees approximately three months prior to the due date. In the event that an invoice is not received, the permittee is nonetheless responsible for payment. Throughout a five year permit term, permittees will pay four annual fees followed by a permit renewal application fee in the last year of permit coverage. Permittees may contact the DEP at 717-787-6744 with questions related to annual fees. The fees identified above are subject to change in accordance with 25 Pa. Code § 92a.62(e).

Payment for annual fees shall be remitted to DEP at the address below by the anniversary date. Checks should be made payable to the Commonwealth of Pennsylvania.

PA Department of Environmental Protection  
Bureau of Clean Water  
Re: Chapter 92a Annual Fee  
P.O. Box 8466  
Harrisburg, PA 17105-8466

**PART C**

**I. OTHER REQUIREMENTS**

- A. No storm water from pavements, area ways, roofs, foundation drains or other sources shall be directly admitted to the sanitary sewers associated with the herein approved discharge.
- B. The approval herein given is specifically made contingent upon the permittee acquiring all necessary property rights by easement or otherwise, providing for the satisfactory construction, operation, maintenance or replacement of all sewers or sewerage structures associated with the herein approved discharge in, along, or across private property, with full rights of ingress, egress and regress.
- C. Collected screenings, slurries, sludges, and other solids shall be handled and disposed of in compliance with 25 Pa. Code, Chapters 75, and in a manner equivalent to the requirements indicated in Chapters 271, 273, 275, 283, and 285 (related to permits and requirements for landfilling, land application, incineration, and storage of sewage sludge), Federal Regulation 40 CFR 257, Pennsylvania Clean Streams Law, Pennsylvania Solid Waste Management Act of 1980, and the Federal Clean Water Act and its amendments. The permittee is responsible to obtain or assure that contracted agents have all necessary permits and approvals for the handling, storage, transport, and disposal of solid waste materials generated as a result of wastewater treatment.
- D. If, after the issuance of this permit, DEP approves a municipal sewage facilities official plan or an amendment to an official plan under Act 537 (Pennsylvania Sewage Facilities Act, the Act of January 24, 1966, P.L. 1535 as amended) in which sewage from the herein approved facilities will be treated and disposed of at other planned facilities, the permittee shall, upon notification from the municipality or DEP, provide for the conveyance of its sewage to the planned facilities, abandon use and decommission the herein approved facilities including the proper disposal of solids, and notify DEP accordingly. The permittee shall adhere to schedules in the approved official plan, amendments to the plan, or other agreements between the permittee and municipality. This permit shall then, upon notice from DEP, terminate and become null and void and shall be relinquished to DEP.
- E. The permittee shall optimize chlorine dosages used for disinfection or other purposes to minimize the concentration of Total Residual Chlorine (TRC) in the effluent, meet applicable effluent limitations, and reduce the possibility of adversely affecting the receiving waters. Optimization efforts may include an evaluation of wastewater characteristics, mixing characteristics, and contact times, adjustments to process controls, and maintenance of the disinfection facilities. If DEP determines that effluent TRC is causing adverse water quality impacts, DEP may reopen this permit to apply new or more stringent effluent limitations and/or require implementation of control measures or operational practices to eliminate such impacts.

Where the permittee does not use chlorine for primary or backup disinfection, but proposes the use of chlorine for cleaning or other purposes, the permittee shall notify DEP prior to initiating use of chlorine and monitor TRC concentrations in the effluent on each day in which chlorine is used. The results shall be submitted as an attachment to the DMR.

- F. The attention of the permittee is directed to the fact that effluent is discharged to a location with little or no assimilative capacity or dilution during critical periods. If the effluent creates a health hazard or nuisance, the permittee shall, upon notice from DEP, provide such additional treatment as may be required by DEP.

**II. SOLIDS MANAGEMENT**

- A. The permittee shall manage and properly dispose of sewage sludge and/or biosolids by performing sludge wasting that maintains an appropriate mass balance of solids within the treatment system. The wasting rate must be developed and implemented considering the specific treatment process type, system loadings, and seasonal variation while maintaining compliance with effluent limitations. Holding excess sludge within clarifiers or in the disinfection process is not permissible.
- B. The permittee shall submit the Supplemental Reports entitled, "Supplemental Report – Sewage Sludge/Biosolids Production and Disposal" (Form No. 3800-FM-BCW0438) and "Supplemental Report –

Influent & Process Control” (Form No. 3800-FM-BCW0436), as attachments to the DMR on a monthly basis. When applicable, the permittee shall submit the Supplemental Reports entitled, “Supplemental Report – Hauled In Municipal Wastes” (Form No. 3800-FM-BCW0437) and “Supplemental Report – Hauled In Residual Wastes” (Form No. 3800-FM-BCW0450), as attachments to the DMR.

PENNSYLVANIA



Mainlines Manholes & Wastewater Treatment, Inc.

NAME: Mainlines Manholes & Wastewater Treatment, Inc.  
 ADDRESS: 9208 Tannery Road, Girard, PA 16417  
 FACILITY: Hickory Hill Country Village MHP  
 LOCATION: Waterford Township, Erie County  
 WATERSHED: 16-A

COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 BUREAU OF CLEAN WATER  
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

Facility Type: **Minor**

<b>PA0031461</b>				<b>001</b>			
PERMIT NUMBER				OUTFALL NUMBER			
MONITORING PERIOD							
YEAR	MO	DAY	TO	YEAR	MO	DAY	

Reporting Frequency: Monthly  
 DMR Effective From: Permit Effective Date  
 DMR Effective To: Permit Expiration Date  
 Permit Expires: \_\_\_\_\_  
 Permit Application Due: \_\_\_\_\_  
 Check Here if No Discharge  
 NOTE: Read Instructions before completing this form

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	Report Avg Mo	XXX	MGD	XXX	XXX	XXX	XXX		2/month	Measured
pH	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	XXX	XXX	XXX	6.0 Daily Min	XXX	9.0 Daily Max	S.U.		1/day	Grab
Dissolved Oxygen	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	XXX	XXX	XXX	4.0 Daily Min	XXX	XXX	mg/L		1/day	Grab
Total Residual Chlorine (TRC)	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	XXX	XXX	XXX	XXX	0.5 Avg Mo	1.6 IMAX	mg/L		1/day	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5)	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	XXX	XXX	XXX	XXX	25.0 Avg Mo	XXX	mg/L		2/month	8-Hr Composite
Total Suspended Solids	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	XXX	XXX	XXX	XXX	30.0 Avg Mo	XXX	mg/L		2/month	8-Hr Composite

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).	TELEPHONE		DATE		
		AREA CODE	NUMBER	YEAR	MO	DAY
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					
COMMENTS (Report all violations on the "Non-Compliance Reporting Form")						

PENNSYLVANIA



Mainlines Manholes & Wastewater Treatment, Inc.

NAME: Mainlines Manholes & Wastewater Treatment, Inc.  
 ADDRESS: 9208 Tannery Road, Girard, PA 16417  
 FACILITY: Hickory Hill Country Village MHP  
 LOCATION: Waterford Township, Erie County  
 WATERSHED: 16-A

COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 BUREAU OF CLEAN WATER  
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

Facility Type: **Minor**

<b>PA0031461</b>				<b>001</b>			
PERMIT NUMBER				OUTFALL NUMBER			
MONITORING PERIOD							
YEAR	MO	DAY	TO	YEAR	MO	DAY	

Reporting Frequency: Monthly  
 DMR Effective From: Permit Effective Date  
 DMR Effective To: Permit Expiration Date  
 Permit Expires: \_\_\_\_\_  
 Permit Application Due: \_\_\_\_\_  
 Check Here if No Discharge  
 NOTE: Read Instructions before completing this form

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Fecal Coliform Oct 1 - Apr 30	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	XXX	XXX	XXX	XXX	2000 Geo Mean	XXX	No./100 ml		2/month	Grab
Fecal Coliform May 1 - Sep 30	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	XXX	XXX	XXX	XXX	200 Geo Mean	XXX	No./100 ml		2/month	Grab
Ammonia-Nitrogen Nov 1 - Apr 30	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	XXX	XXX	XXX	XXX	13.5 Avg Mo	XXX	mg/L		2/month	8-Hr Composite
Ammonia-Nitrogen May 1 - Oct 31	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	XXX	XXX	XXX	XXX	4.5 Avg Mo	XXX	mg/L		2/month	8-Hr Composite

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).	TELEPHONE		DATE		
		AREA CODE	NUMBER	YEAR	MO	DAY
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	COMMENTS (Report all violations on the "Non-Compliance Reporting Form")				



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

Facility Type: **Minor**

NAME Mainlines Manholes & Wastewater Treatment, Inc.  
ADDRESS 9208 Tannery Road  
Girard, PA 16417  
FACILITY Hickory Hill Country Village MHP  
LOCATION Waterford Township  
Erie County  
WATERSHED 16-A

**PA0031461**  
PERMIT NUMBER

**001**  
OUTFALL NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY

Reporting Frequency: Quarterly  
DMR Effective From: Permit Effective Date  
DMR Effective To: Permit Expiration Date  
Permit Expires: \_\_\_\_\_  
Permit Application Due: \_\_\_\_\_

Check Here if No Discharge

NOTE: Read Instructions before completing this form

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Total Nitrogen	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	XXX	XXX	XXX	XXX	Report Avg Qrtly	XXX	mg/L		1/quarter	8-Hr Composite
Total Phosphorus	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	XXX	XXX	XXX	XXX	Report Avg Qrtly	XXX	mg/L		1/quarter	8-Hr Composite

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).	TELEPHONE		DATE		
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY
COMMENTS (Report all violations on the "Non-Compliance Reporting Form")						



## INSTRUCTIONS FOR COMPLETING DISCHARGE MONITORING REPORTS (DMRs)

### General

One or more Discharge Monitoring Reports (DMRs) are attached to your permit for reporting the results of self-monitoring activities as required by your permit. You should make copies of the DMRs for your ongoing use, unless you elect to participate in the Department of Environmental Protection's (DEP's) electronic DMR (eDMR) program (see [www.dep.pa.gov/edmr](http://www.dep.pa.gov/edmr)).

- Reporting frequencies will vary depending on the monitoring frequencies listed in your permit, and are generally monthly, quarterly semi-annually and annually.
- Your reports must be received by DEP on the 28<sup>th</sup> day of the month following the end of the reporting period, unless otherwise specified in Part C of your permit.
- Your permit may require submission of DMRs to other agencies, including the U.S. Environmental Protection Agency (EPA).
- If you receive DMRs in the mail from EPA, please discontinue use of DMR Form No. 3800-FM-BCW0462 and begin using EPA's DMRs.
- DMRs will generally include pre-populated information for permittee name and address, facility location, permit number, outfall number, permit expiration date, parameter names, and permit requirements. If you identify any errors on a DMR issued by DEP, please contact the DEP regional office that issued your permit. If you identify any errors on a DMR issued by EPA, please contact DEP's Central Office at 717-787-6744.
- You may use computer-generated replicas of Form No. 3800-FM-BCW0462 or of EPA's DMR if you receive prior approval from DEP and EPA.

### Instructions

1. Enter statistical results into each blank field below the "VALUE" column headers. Results must be reported in the same units shown on the DMR.
2. Sum the total number of excursions or exceedances of permit limits across the row for each parameter and enter the value into the "NO. EX" field. For example, if the permit contains limits of 6.0 S.U. (Minimum) and 9.0 S.U. (Maximum) for pH, and the Minimum and Maximum results are 5.9 S.U. and 9.1 S.U., respectively, enter "2" into the "NO. EX" field.
3. Report the actual sampling frequency and sample type utilized during the reporting period in the fields corresponding to "Frequency of Analysis" and "Sample Type", respectively.
4. Type the name of the principal executive officer (or an authorized agent designated by a principal executive officer) who is taking responsibility for the report, sign the report (should be in ink), enter the telephone number of the responsible individual, and record the date that the report was signed. Mail only original, signed copies of DMRs.
5. In the Comments section at the bottom of the DMR, you may write a brief summary of violations in this section; however, DEP requests that all violations during the monitoring period be reported in more detail on DEP's **Non-Compliance Reporting Form** (3800-FM-BCW0440) and be submitted as an attachment to the DMR. Other uses of the Comments Section include explanations of attachments to the DMR, explanations for the unavailability of data, and brief summaries of issues that have affected operations or effluent quality during the monitoring period. Always consider attaching a letter or separate document to explain your situation in more detail.

**No Discharge or No Data Available**

If there was no discharge at all from an outfall during the monitoring period, check the “No Discharge” box on the top of the DMR. Complete the information above and below the table and mail the DMR to the appropriate agencies. Be sure to sign and date the DMR.

If there was no discharge of a specific parameter (e.g., if a chlorine limit is in the permit but chlorine was not used for disinfection during the entire reporting period), or if data are not available for a specific parameter for the entire reporting period, do not leave the DMR blank. Instead, report one of the following No Data Indicator (NODI) codes that apply to your situation in the appropriate value field, and **provide an explanation as an attachment to the DMR**:

- A** Use if you are exempted from monitoring the parameter because of a General Permit condition.
- E** Use if all samples or results are not available for the reporting period due to equipment failure or because sample collection was overlooked or samples could not be collected for the parameter.
- GG** Use if your permit requires sample collection and analysis only under certain conditions and those conditions were not met during the reporting period (e.g., report chlorine results only when chlorination system is used).
- FF** Other: use if there is any reason for the absence of data that is not covered by those above.

If you have at least one result for a parameter, the value should be reported and not a NODI code.

**Calculations**

The following explains how to calculate statistical values that are commonly required by permits:

**Monthly Average** – For Loading (lbs/day), sum the total of daily loadings and divide by the number of samples during the month. To calculate the daily loading, multiply the daily concentration (mg/l) by the flow (MGD) on the date of sampling and a conversion factor of 8.34. For Concentration, sum the total of daily concentrations and divide by the number of samples.

**Weekly Average** – For Loading (lbs/day), sum the total of average daily loadings during each week of the reporting period (beginning on a Sunday and ending on a Saturday) and divide by the number of samples during the week. For Concentration, sum the total of daily concentrations each week and divide by the number of samples. Report the maximum weekly average on the DMR.

**Maximum Daily (“Daily Max”)** – Report the maximum concentration or load measured during a 24-hour period during the reporting period; if multiple measurements are taken daily, include all data in the analysis.

**Instantaneous Maximum (“IMAX”)** – Report the maximum result obtained by a grab sample for a specific pollutant over the entire reporting period covered by a DMR.

**Instantaneous Minimum (“Minimum”)** – Report the minimum result obtained by a grab sample for a specific pollutant over the entire reporting period covered by a DMR.

**Total Monthly Load (lbs)** – Sum the total of average daily loadings, divide by the number of samples during the month, and multiply by the number of days in the month.

**Geometric Mean** – Report the average of a set of  $n$  sample results given by the  $n$ th root of their product. If any result is zero (0), substitute 1 for the calculation. For example, five samples were analyzed with the following results: 20, 300, 400, 500, and 0. The calculation of geometric mean is as follows (note that you will need to use the power function on a calculator):

$$\sqrt[5]{20 \cdot 300 \cdot 400 \cdot 500 \cdot 1} = \sqrt[5]{1,200,000,000} = (1,200,000,000)^{1/5} = \mathbf{65}$$

**Non-Detect Data****Conventional and Toxic Parameters**

For calculating average values of data sets in which there are some "detections" (results at or above the laboratory reporting limit) and some "non-detect" data (results reported below the laboratory reporting limit), use the reporting limit for non-detect data. In other words, ignore the less than (<) symbol for statistical calculations and include the < symbol with the statistical result if there is at least one non-detect result in the data set. For example, four samples were analyzed with the following results: < 1.0, 2.0, < 1.0, and 1.0. The average statistical result is < 1.3.

Where the permit includes an effluent limitation for a parameter that is less than the most sensitive detection limit available, and the laboratory reports a value at or below the lowest level specified by the permit, you may use zero (0) in the calculation in lieu of the reporting limit, if the parameter is identified in 25 Pa. Code Chapter 16, Appendix A, Tables 2A and 2B. In general, parameters with limitations that are less than the most sensitive detection limit will be identified in Part C of the permit, if applicable.

**Bacteria Parameters**

Report all "non-detect" (e.g., < 2) and "too numerous to count" (TNTC) (e.g., > 2,000) results on DMR supplemental forms as reported by the laboratory. Do not report "TNTC" on supplemental forms, but instead report a value qualified with the ">" symbol. Where a data set includes one or more "non-detect" and/or TNTC results, calculate the geometric mean by ignoring qualifying symbols, but report the value with the symbol. If a data set includes both ">" and "<" qualifiers, the ">" qualifier takes precedence for reporting. For all "non-detect" values, specify in the Comments section of the DMR the maximum volume filtered at the laboratory.

*Example 1* – For results are determined, < 2, 10, 20, and 30. The geometric mean should be reported as  $(2 \bullet 10 \bullet 20 \bullet 30)^{0.25} = < 10$ . Specify the maximum volume filtered for the < 2 result in the DMR Comments.

*Example 2* – Three results are determined, < 2, 1,000, and > 2,000. The geometric mean should be reported as  $(2 \bullet 1,000 \bullet 2,000)^{0.333} = > 158$ .

**Rounding and Precision**

Statistical values reported on the DMR should be rounded to the same number of decimal places as the limit for the parameter as set forth in the permit. If the permit does not contain a limit but requests monitoring only, statistical values for concentration results should be rounded to the maximum number of decimal places in the data set as reported by the laboratory or the instrument used for analysis. If mass loads must be reported and there is no limit, round statistical values to the nearest whole number, unless the calculated number is less than one, in which case the value should be rounded to one significant figure (e.g., 0.1, 0.05, etc.). If the number you are rounding is followed by 5, 6, 7, 8, or 9, round the number up, otherwise round down.

**The documents "Discharge Monitoring Reports Overview and Summary" (3800-BK-DEP3047) and "Management of Non-Detect Results for Discharge Monitoring Reports" (3800-FS-DEP4262) contain more information and are incorporated by reference. These documents are available on DEP's website.**

### Supplemental Form Inventory

The following supplemental forms (indicated in the check box column) are attached to this permit and must be completed and submitted to DEP in accordance with the permit and the supplemental form instructions. If the eDMR system is used to submit DMR reports, the spreadsheet versions of these supplemental forms, where applicable, should be used and attached to the eDMR submissions. A link to DEP's supplemental form website is available when logging into the eDMR system.

Check Box	Supplemental Form Name and No.
<input checked="" type="checkbox"/>	Daily Effluent Monitoring (3800-FM-BCW0435)
<input checked="" type="checkbox"/>	Influent & Process Control (3800-FM-BCW0436)
<input type="checkbox"/>	Hauled in Municipal Wastes (3800-FM-BCW0437)
<input checked="" type="checkbox"/>	Sewage Sludge/Biosolids Production and Disposal (3800-FM-BCW0438)
<input type="checkbox"/>	Chemical Additives Usage (3800-FM-BCW0439)
<input checked="" type="checkbox"/>	Non-Compliance Reporting Form (3800-FM-BCW0440)
<input type="checkbox"/>	CSO Monthly Summary Report (3800-FM-BCW0441)
<input type="checkbox"/>	CSO Detailed Report (3800-FM-BCW0442)
<input type="checkbox"/>	Groundwater Monitoring Data Report (3800-FM-BCW0443)
<input type="checkbox"/>	TMDL Annual Load Summary (3800-FM-BCW0448)
<input type="checkbox"/>	Land Application Systems (3800-FM-BCW0449)
<input type="checkbox"/>	Hauled in Residual Wastes (3800-FM-BCW0450)
<input type="checkbox"/>	Surface Water Monitoring Data Report (3800-FM-BCW0461)
<input checked="" type="checkbox"/>	Lab Accreditation Form (3800-FM-BCW0189)
<input type="checkbox"/>	Whole Effluent Toxicity Test Summary Report (3800-FM-BCW0485)
<input type="checkbox"/>	Cooling Water Intake Monitoring (3800-FM-BCW0010)
<input type="checkbox"/>	Storm Water Annual Report
<input type="checkbox"/>	Other: <span style="background-color: #cccccc; display: inline-block; width: 50px; height: 1em; vertical-align: middle;"></span>



COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

**SUPPLEMENTAL REPORT  
 DAILY EFFLUENT MONITORING**

Facility Name: Hickory Hill Country Village MHP  
 Municipality: Waterford Township County: Erie  
 Watershed: 16-A  
 Laboratories: \_\_\_\_\_

Month: \_\_\_\_\_ Year: \_\_\_\_\_  
 NPDES Permit No.: PA0031461 Outfall No.: 001  
 Renewal application due **180 days** prior to expiration  
 This permit will expire on \_\_\_\_\_

Effluent Parameters																		
Day	Flow		pH		DO		TRC		CBOD5		TSS		Fecal Coliform		Total Nitrogen		Ammonia	
	Q	MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	No./100 ml	Q	mg/L	Q	mg/L
1																		
2																		
3																		
4																		
5																		
6																		
7																		
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29																		
30																		
31																		
Avg																		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: \_\_\_\_\_  
 Title: \_\_\_\_\_

Signature: \_\_\_\_\_  
 Date: \_\_\_\_\_

Facility Name: Hickory Hill Country Village MHP  
 Municipality: Waterford Township County: Erie  
 Watershed: 16-A  
 Laboratories: \_\_\_\_\_

Month: \_\_\_\_\_ Year: \_\_\_\_\_  
 NPDES Permit No.: PA0031461 Outfall No.: 001  
 Renewal application due **180 days** prior to expiration  
 This permit will expire on \_\_\_\_\_

Day	Effluent Parameters															
	Total Phosphorus															
	Q	mg/L	Q		Q		Q		Q		Q		Q		Q	
1																
2																
3																
4																
5																
6																
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Prepared By: \_\_\_\_\_  
 Title: \_\_\_\_\_

Signature: \_\_\_\_\_  
 Date: \_\_\_\_\_



**SUPPLEMENTAL REPORT – INFLUENT & PROCESS CONTROL**

Facility Name: Hickory Hill Country Village MHP  
 Municipality: Waterford Township County: Erie  
 Watershed: 16-A

Month: \_\_\_\_\_ Year: \_\_\_\_\_  
 NPDES Permit No.: PA0031461  
 Renewal application due **180 days** prior to expiration

Day	Influent					Process Control				
	Flow (MGD)	BOD5 (mg/l)	BOD5 (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
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30										
31										
Avg										
Max										

This permit will expire on \_\_\_\_\_

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: \_\_\_\_\_  
 Title: \_\_\_\_\_

Signature: \_\_\_\_\_  
 Date: \_\_\_\_\_





COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

**NON-COMPLIANCE REPORTING FORM**

Use this supplemental form to report all permit violations and any other non-compliance that may endanger health or the environment, in accordance with your permit. Complete all sections that apply. If you are reporting violations of permit limits, monitoring requirements or schedules that do not pose an immediate threat to health or the environment, you may attach this form to the Discharge Monitoring Report (DMR). **Title 25, Pa. Code §§ 91.33 and 91.34 (regarding incidents causing or threatening pollution and activities utilizing pollutants, respectively), in part requires immediate notification by telephone to the Department of pollution incidents, remediation, and may require an additional report on the incident or plan of pollution prevention measures.** If you are reporting other non-compliance events, and the reporting deadline does not coincide with your submission of the DMR, it should be submitted separately to the Department by the reporting deadline set forth in the permit. See instructions for more information.

Facility Name: Hickory Hill Country Village MHP  
 Municipality: Waterford Township County: Erie

Month: \_\_\_\_\_ Year: \_\_\_\_\_  
 Permit No.: PA0031461

**Violations of Permit Effluent Limitations\***

Date	Parameter	Permit Limit	Units	Statistical Code	Result	Units	Cause of Violation	Corrective Action Taken

**Sanitary Sewer Overflows and Other Unauthorized Discharges\***

Event Date	Substance Discharged	Location	Volume (gals)	Duration (hrs)	Receiving Waters	Impact on Waters	Cause of Discharge	Date DEP Notified

**Other Permit Violations\***

- Sample collection less frequent than required Explain \_\_\_\_\_
- Sample type not in compliance with permit Explain \_\_\_\_\_
- Violation of permit schedule Explain \_\_\_\_\_
- Other Explain \_\_\_\_\_
- Other Explain \_\_\_\_\_

**\* If the space provided is not sufficient to record all information, please attach additional sheets.**

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: \_\_\_\_\_  
 Title: \_\_\_\_\_

Signature: \_\_\_\_\_  
 Date: \_\_\_\_\_





## INSTRUCTIONS FOR COMPLETING DMR SUPPLEMENTAL REPORTS

### DAILY EFFLUENT MONITORING REPORT

Use this form to report daily monitoring results for the parameters that must be monitored in effluent for compliance with the permit. Results for influent parameters are normally reported on Form 3800-FM-BCW0436.

1. Enter Facility Name, Municipality, County, Watershed No., Laboratories, Month, Year, NPDES Permit No., Outfall No., and Permit Expiration Date (it is noted that this information may be pre-populated if you have received this form with your permit). For Laboratories, list the names of all laboratories where samples were analyzed during the month, including on-site analysis.
2. In the column headers, below "Effluent Parameters," enter the names of parameters in the permit. Since limited space is provided, abbreviation may be necessary. If there are more parameters for an outfall than columns provided on the form, attach an additional sheet.
3. Below parameter names, and to the right of "Q" (Qualifier) column headers, enter the units associated each parameter (it is noted that this information may be pre-populated if you have received this form with your permit).
4. Enter monitoring results for parameters in the rows corresponding to the day of the month in which samples were collected. Enter results exactly as reported by the laboratory, or if measured with on-site equipment, to the level of precision recommended by the equipment manufacturer. Enter data qualifiers such as "<," ">," "J," and others in the "Q" column.
5. Calculate and report average values at the bottom of the table in accordance with the DMR Instructions (3800-FM-BCW0463) and DEP guidance (3800-BK-DEP3047). Note – for bacteria, calculate and report the geometric mean value.
6. Type the name of the person who prepared the form, the person's job title, and sign and date the form after reading the certification statement.

### INFLUENT AND PROCESS CONTROL REPORT

1. Enter Facility Name, Municipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
2. For **Influent**, enter daily average Influent Flow (MGD) (if an influent flow meter is in use), daily influent BOD<sub>5</sub> or CBOD<sub>5</sub> concentrations (mg/l) and loads (lbs), and daily influent TSS concentrations (mg/l) and loads (lbs). If an influent flow meter is not in use, you may use results from an effluent flow meter.
3. For **Process Control**, enter daily average Mixed Liquor Suspended Solids (MLSS) (mg/l) and daily average Aeration Dissolved Oxygen (DO) for aerobic biological treatment systems, and total daily Sludge Wasted (removed from biological treatment), in gallons, for all treatment system types. If a parameter does not apply to your facility, leave the column blank. Information for other parameters such as Return Activated Sludge (RAS) Rate, Recirculation Rate (for fixed media treatment systems), Sludge Blanket Thickness, Sludge Volume Index, and others may be requested by the DEP office that issued the permit.
4. Type the name of the person who prepared the form, the person's job title, and sign and date the form after reading the certification statement.

## INSTRUCTIONS FOR COMPLETING DMR SUPPLEMENTAL REPORTS

### BIOSOLIDS PRODUCTION AND DISPOSAL FORM

1. Enter Facility Name, Municipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.

#### Biosolids Production Information

2. For each off-site removal event for liquid sewage sludge or biosolids and for dewatered sewage sludge or biosolids, and for each event where dewatered sewage sludge or biosolids are incinerated on-site, list the date of the event, identify the gallons (liquid) or tons (dewatered) removed or incinerated and the percent solids (e.g., 10%, 20%, etc.) Report only sewage sludge or biosolids that have been removed from the plant digesters and other solids which have been **permanently** removed from the treatment process. Do **not** include sewage sludge or biosolids from other facilities that are processed at your facility. (If there were no off-site removal events during the month, check the box above the table).

Calculate dry tons for liquid sewage sludge or biosolids by multiplying the volume (gallons) by the percent solids and by a conversion factor of 0.0000417. For example, if 2,500 gallons of liquid biosolids is removed, and the percent solids is 3.0%, dry tons is calculated as:

$$2,500 \text{ gallons} \times 3.0\% \times 0.0000417 = 0.31 \text{ dry tons}$$

Calculate dry tons for dewatered sewage sludge or biosolids by multiplying the tons dewatered by the percent solids and by a conversion factor of 0.01. For example, if 5 tons of dewatered biosolids is removed, and the percent solids is 50%, dry tons is calculated as:

$$5 \text{ tons} \times 50\% \times 0.01 = 2.5 \text{ dry tons}$$

The **% Solids** of liquid or dewatered sewage sludge or biosolids must be determined periodically through laboratory testing. Do not estimate or guess this value. An acceptable test method is method 2540B in *Standard Methods for the Examination of Water and Wastewater*, 18th edition, where samples are dried at 103-105°C. Other references such as ASTM may have equivalent tests which are also acceptable.

#### Biosolids and Incinerator Ash Disposal and Beneficial Use Information

3. Report sewage sludge, biosolids, and ash disposal and beneficial use information by disposal/application site. There are columns for four possible sites per month - if more sites are needed, attach additional pages. For each Site Name, listed at the top of the column, enter the Municipality and County of the site, the DEP Permit No. (i.e., Biosolids permit number for land application, landfill waste management permit number, etc.), Type of Material (sewage sludge, biosolids, or incinerator ash), Dry Tons Applied/Disposed at the site for the month, Type of Disposal/Use (e.g., reed beds, agricultural utilization, composting, landfill, other treatment plant, etc.) and the name of the hauler (company or individual name).
4. Type the name of the person who prepared the form, the person's job title, and sign and date the form after reading the certification statement.

### NON-COMPLIANCE REPORTING FORM

Use this supplemental form to report all permit violations and any other non-compliance that may endanger health or the environment, in accordance with your permit. Complete all sections that apply. If you are reporting violations of permit limits, monitoring requirements or schedules that do not pose an immediate threat to health or the environment, you may attach this form to the Discharge Monitoring Report (DMR). If you are reporting other non-compliance events, and the deadline for a written report (e.g., 5 days) does not coincide with your submission of the DMR, this form should be submitted separately to the Department by the reporting deadline set forth in the permit.

## INSTRUCTIONS FOR COMPLETING DMR SUPPLEMENTAL REPORTS

**If you are unsure of whether an incident constitutes non-compliance that may endanger health or the environment, it is recommended that you notify the Department verbally as soon as possible after you become aware of the incident. Title 25, Pa. Code §§ 91.33 and 91.34 (regarding incidents causing or threatening pollution and activities utilizing pollutants, respectively), in part requires immediate notification by telephone to the Department of pollution incidents, remediation, and may require an additional report on the incident or plan of pollution prevention measures.**

### Instructions:

1. Enter the name of the facility, the municipality and county where it is located, the month and year when violations occurred, and the NPDES or WQM permit number for the facility.
2. If there were violations of permit effluent limitations during the month, check the box next to “Violations of Permit Effluent Limitations.” (Note – if using the electronic version of this form, check the boxes first, and then select Tools – Unprotect Document to enter additional information). Enter the date of the violation (if a violation of a minimum or maximum limit, the date of sample collection, or if a violation of an average limit, the end of the monitoring period), the parameter name, the permit limit and units, the statistical code (e.g., “MIN”, “MAX”, “MO AVG”, etc.), the measured result and units, the cause of the violation and the corrective action taken. **If there are more than two violations during the monitoring period and/or if the space provided is insufficient to explain the cause or corrective action, please attach additional pages.**
3. If there are Sanitary Sewer Overflow (SSO) discharges or other unauthorized discharges from the facility (e.g., spills, leaks, etc.) that enter or have the potential to enter waters of the Commonwealth, including groundwater, notify DEP by phone as soon as possible, and document the discharge on this form by checking the box next to “Sanitary Sewer Overflows and Other Unauthorized Discharges.” Record the event (discharge) date, the substance discharged (e.g., sewage, on-site chemicals, etc.), the location where the discharge occurred (e.g., manhole number, pump station name, equipment description, etc.), the volume discharged (gallons), the approximate duration of the discharge (hours), the receiving waters (name of stream or groundwater), the impact on the receiving waters, if observed (e.g., solids deposition, foam, fish kill, etc.), the cause of the discharge, and the date on which the Department was verbally notified. **If there are more than two discharge events during the monitoring period and/or if the space provided is insufficient to explain the discharge, please attach additional pages.**
4. If there are other violations of the permit, check the box next to “Other Permit Violations,” and check the appropriate box that describes the violation type. If not identified on the form, check the box next to “Other” and provide a written explanation. **If the space provided is insufficient to explain the violation, please attach additional pages.**
5. Type your name and title and sign and date the form after reading the certification statement.

If you have questions about completing this form, contact the Clean Water Program Operations Section of the Department in your region:

Southeast Region – (484) 250-5970  
Northeast Region – (570) 826-2553  
Southcentral Region – (717) 705-4707

Northcentral Region – (570) 327-0532  
Southwest Region – (412) 442-4060  
Northwest Region – (814) 332-6942

Application Type Renewal  
Facility Type Sewage  
Major / Minor Minor

**NPDES PERMIT FACT SHEET  
ADDENDUM**

Application No. PA0031461  
APS ID 1003475  
Authorization ID 1291434

**Applicant and Facility Information**

Applicant Name	<u>Mainlines Manholes &amp; Wastewater Treatment, Inc.</u>	Facility Name	<u>Hickory Hill Country Village MHP</u>
Applicant Address	<u>9208 Tannery Road</u> <u>Girard, PA 16417</u>	Facility Address	<u>Trask Road</u> <u>Waterford, PA 16441-0084</u>
Applicant Contact	<u>Kyle Luciano</u>	Facility Contact	<u>Jackie Pfadt</u>
Applicant Phone	<u>(814) 434-4106</u>	Facility Phone	<u>(814) 796-3071</u>
Client ID	<u>275993</u>	Site ID	<u>447188</u>
SIC Code	<u>6515</u>	Municipality	<u>Waterford Township</u>
SIC Description	<u>Fin, Ins &amp; Real Est - Mobile Home Site Operators</u>	County	<u>Erie</u>
Date Published in PA Bulletin	<u>October 3, 2020</u>	EPA Waived?	<u>Yes</u>
Comment Period End Date	<u>November 2, 2020</u>	If No, Reason	<u></u>
Purpose of Application	<u>Application for a renewal of an NPDES permit for discharge of treated Sewage</u>		

**Internal Review and Recommendations**

No comments were received on the draft permit during the draft comment period.

There are currently no open violations listed in EFACTS for this permittee (11/02/2020). *JCD 11-6-2020*

It is recommended that this permit be reissued.

Approve	Return	Deny	Signatures	Date
X			Adam Pesek Adam J. Pesek, E.I.T. / Environmental Engineering Specialist	November 2, 2020
X			Justin C. Dickey Justin C. Dickey, P.E. / Environmental Engineer Manager	November 6, 2020
X			John A. Holden John A. Holden, P.E. / Program Manager	11/9/2020

**I. NPDES Permit Renewal Actions**

*Northwest Regional Office: Clean Water Program Manager, 230 Chestnut Street, Meadville, PA 16335-3481. Phone: 814.332.6942.*

<b>NPDES No. (Type)</b>	<b>Facility Name &amp; Address</b>	<b>County &amp; Municipality</b>	<b>Stream Name (Watershed No.)</b>	<b>EPA Waived Y/N?</b>
PA0031461 (Sewage)	Hickory Hill Country Village MHP 9208 Tannery Road Girard, PA 16417	Erie County Waterford Township	Unnamed Tributary of Trout Run (HQ-CWF) (16-A)	Yes



February 5, 2020

Mr. Kyle Luciano, President  
Mainlines, Manholes & Wastewater Treatment, Inc.  
9208 Tannery Road  
Girard, PA 16417

Re: Executed Consent Assessment of Civil Penalty  
Hickory Hills Country Village MHP  
Waterford Township, Erie County

Dear Mr. Luciano:

Enclosed please find a copy of the Consent Assessment of Civil Penalty document, as executed by the Department on February 3, 2020.

Thank you for your cooperation in this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Shawn Kiskadden". The signature is written in a cursive style with a large initial "S".

Shawn Kiskadden  
Compliance Specialist  
Clean Water Program

Enclosure

cc: Angela Erde, OCC (via email)  
Kicher/Singer/ (via email)  
File

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

In The Matter Of:

Mainlines, Manholes, & Wastewater Treatment, Inc.	:	The Clean Streams Law
Hickory Hill Country Village MHP	:	NPDES Permit No. PA0031461
9208 Tannery Road	:	Waterford Township, Erie County
Girard, PA 16417	:	

**CONSENT ASSESSMENT OF CIVIL PENALTY**

This Consent Assessment of Civil Penalty is entered into this 3<sup>rd</sup> day of February 2020, by and between the Commonwealth of Pennsylvania, Department of Environmental Protection (“Department”) and Mainlines, Manholes, & Wastewater Treatment, Inc.

The Department has found and determined the following Findings:

A. The Department is the agency with the duty and authority to administer and enforce The Clean Streams Law, Act of June 22, 1937, P.L. 1987, as amended, 35 P.S. §§691.1-691.1001 (“Clean Streams Law”); Section 1917-A of the Administrative Code of 1929, Act of April 9, 1929, P.L. 177, as amended, 71 P.S. §§510-17 (“Administrative Code”); and the rules and regulations promulgated thereunder (“Regulations”); and which has been delegated authority to administer the National Pollution Discharge Elimination Systems (“NPDES”) permit program under Section 402 of the Federal Water Pollution Control Act, 33 U.S.C. §1342.

B. Mainlines, Manholes, & Wastewater Treatment, Inc. has a mailing address of 9208 Tannery Road, Girard, PA 16417.

C. Mainlines, Manholes, & Wastewater Treatment, Inc. owns and operates a sewage treatment facility ("Facility") serving Hickory Hill Country Village MHP located in Waterford Township, Erie County, Pennsylvania.

D. All entities that discharge pollutants into "waters of the Commonwealth," must first obtain a National Pollutant Discharge Elimination System ("NPDES") permit for their discharges, as required by the Federal Water Pollution Control Act, 33 U.S.C. § 1257, *et seq.*, and Section 202 of the Clean Streams Law, 35 P.S. § 691.202.

E. On June 8, 2017 the Department issued NPDES Permit No. PA0031461 ("NPDES Permit") to Mainlines, Manholes, & Wastewater Treatment, Inc. authorizing discharges from the Facility under the terms and conditions of the NPDES Permit to "waters of the Commonwealth" as defined in Section 1 of the Clean Streams Law, 35 P.S. §691.1.

F. Pursuant to the NPDES Permit, Mainlines, Manholes, & Wastewater Treatment, Inc. reported to the Department effluent discharge exceedances on the Monthly Discharge Monitoring Reports. A summary of the effluent discharge exceedances is set forth in Exhibit A, which is attached and incorporated herein.

G. On March 12, 2018 the Erie County Department of Health inspected the Facility and:

1. there were solids and sludge discharging from the Facility's Outfall No. 001 ("Outfall") into an Unnamed Tributary to Trout Run ("Tributary").
2. there was an accumulation of solids and sludge in the Tributary below

the Outfall.

**Applicable Law**

H. Pursuant to Section 202 of the Clean Streams Law, 35 P.S. §691.202, a discharge of sewage contrary to the terms and conditions of a permit or contrary to the rules and regulations of the Department is declared to be a nuisance. Part A of the NPDES Permit sets forth effluent limitations and additional requirements applicable to discharges from the Facility.

I. Pursuant to Section 611 of the Clean Streams Law, 35 P.S. § 691.611, it is unlawful conduct to fail to comply with any permit of the Department.

J. Mainlines, Manholes, & Wastewater Treatment, Inc. is a “person” as defined in Section 1 of the Clean Streams Law, 35 P.S. §691.1.

**Unlawful Conduct**

K. The effluent discharge exceedances, as set forth in Exhibit A, violate Section 611 of the Clean Streams Law, 35 P.S. §691.611, and Part A of the NPDES Permit.

L. The discharge and accumulation of solids and sludge from the Facility as identified in Paragraph G violate Section 611 of the Clean Streams Law, 35 P.S. §691.611, and Part A of the NPDES Permit.

M. On May 1, 2018 the Department issued a Notice of Violation to Mainlines, Manholes, & Wastewater Treatment, Inc notifying Mainlines, Manholes, & Wastewater Treatment, Inc of the violations that occurred from July 2017 through March 2018 identified in Paragraphs F and G above.

N. The violations set forth in Paragraphs F and G, above, constitute unlawful

conduct under Section 611 of the Clean Streams Law, 35 P.S. §691.611; and subject Mainlines, Manholes, & Wastewater Treatment, Inc. to a claim for civil penalties under Section 605 of the Clean Steams Law, 35 P.S. §691.605.

O. As of the date of this Consent Assessment of Civil Penalty, Mainlines, Manholes, & Wastewater Treatment, Inc. has corrected all of the violations identified above.

After full and complete negotiations of all matters set forth in this Consent Assessment of Civil Penalty and upon mutual exchange of the covenants herein, the parties desiring to avoid litigation and intending to be legally bound, it is hereby ASSESSED by Department and AGREED to by Mainlines, Manholes, & Wastewater Treatment, Inc. as follows:

1. Assessment. In resolution of Department's claim for civil penalties, which Department is authorized to pursue under Sections 5 and 605 of the Clean Streams Law, 35 P.S. §§691.5 and 691.605, Department hereby assesses a civil penalty of **\$1,500**, which Mainlines, Manholes, & Wastewater Treatment, Inc. hereby agrees to pay.

2. Civil Penalty Settlement. Upon signing this Consent Assessment of Civil Penalty, Mainlines, Manholes, & Wastewater Treatment, Inc shall pay the civil penalty assessed in Paragraph 1. This payment is in settlement of Department's claim for civil penalties for the violations set forth in Paragraph K and L, above, for the date(s) set forth in Paragraphs F and G, above. The payment shall be by corporate check or the like, made payable to "Commonwealth of Pennsylvania" and sent to Department's Northwest Regional Office, c/o Shawn Kiskadden, 230 Chestnut Street, Meadville, PA 16335-3481.

3. Findings.

a. Mainlines, Manholes, & Wastewater Treatment, Inc agrees that the

findings in Paragraphs A through O are true and correct and, in any matter or proceeding involving Mainlines, Manholes, & Wastewater Treatment, Inc. and the Department, Mainlines, Manholes, & Wastewater Treatment, Inc. shall not challenge the accuracy or validity of these findings.

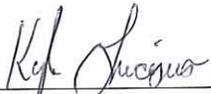
b. The parties do not authorize any other persons to use the findings in this Consent Assessment of Civil Penalty in any matter or proceeding.

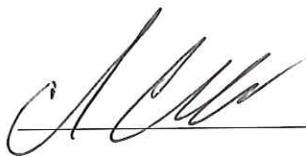
4. Reservation of Rights. The Department reserves all other rights with respect to any matter addressed by this Consent Assessment of Civil Penalty, including the right to require abatement of any conditions resulting from the events described in the Findings. Mainlines, Manholes, & Wastewater Treatment, Inc. reserves the right to challenge any action which Department may take but waives the right to challenge the content or validity of this Consent Assessment of Civil Penalty.

IN WITNESS WHEREOF, the parties have caused this Consent Assessment of Civil Penalty to be executed by their duly authorized representatives. The undersigned representatives of Mainlines, Manholes, & Wastewater Treatment, Inc certify, under penalty of law, as provided by 18 Pa. C. S. §4904, that they are authorized to execute this Consent Assessment of Civil Penalty on behalf of Mainlines, Manholes, & Wastewater Treatment, Inc., that Mainlines, Manholes, & Wastewater Treatment, Inc. consents to the entry of this Consent Assessment of Civil Penalty as an ASSESSMENT of the Department; that Mainlines, Manholes, & Wastewater Treatment, Inc. hereby knowingly waives any right to a hearing under the statutes referenced in this Consent Assessment of Civil Penalty; and that Mainlines, Manholes, & Wastewater Treatment, Inc. knowingly waives any right to appeal

this Consent Assessment of Civil Penalty, which rights may be available under Section 4 of the Environmental Hearing Board Act, Act of July 13, 1988, P.L. 530, 35 P.S. §7514; the Administrative Agency Law, 2 Pa. C.S. §103(a) and Chapters 5A and 7A; or any other provision of law. Signature by Mainlines, Manholes, & Wastewater Treatment, Inc's attorney certifies only that the agreement has been signed after consulting with counsel.

FOR MAINLINES, MANHOLES, &  
WASTEWATER TREATMENT, INC.:

  
Name *Kyle LUCIANO*  
President/Vice President

  
Name *P. CAMIS LUCIANO*  
Secretary/Treasurer

  
Name *Peter L. Svoboda*  
Attorney for Mainlines, Manholes, &  
Wastewater Treatment, Inc.

FOR THE COMMONWEALTH OF  
PENNSYLVANIA, DEPARTMENT OF  
ENVIRONMENTAL PROTECTION:

  
John A. Holden, P.E.  
Clean Water Program Manager  
Northwest Regional Office

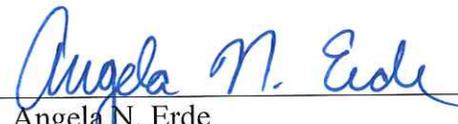
  
Angela N. Erde  
Assistant Counsel

Exhibit A: Summary of Effluent Discharge Exceedances  
 Mainlines, Manholes, & Wastewater Treatment, Inc., NPDES Permit No. PA0031461  
 (July 1, 2017 through October 31, 2018)

MONITORING PERIOD	PARAMETER	SAMPLE VALUE	PERMIT VALUE	UNIT OF MEASURE	STATISTICAL BASE CODE
Jul-17	Dissolved Oxygen	3.82	4	mg/L	Minimum
Jan-18	Ammonia-Nitrogen	17.8	13.5	mg/L	Average Monthly
Feb-18	Dissolved Oxygen	3.7	4	mg/L	Minimum
Mar-18	Ammonia-Nitrogen	14.9	13.5	mg/L	Average Monthly
Apr-18	Ammonia-Nitrogen	14.1	13.5	mg/L	Average Monthly
Apr-18	Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	25	mg/L	Average Monthly
May-18	Ammonia-Nitrogen	15.5	4.5	mg/L	Average Monthly
Jun-18	Fecal Coliform	1350	1000	CFU/100 ml	Instantaneous Maximum
Jun-18	Fecal Coliform	590	200	CFU/100 ml	Geometric Mean
Sep-18	Total Residual Chlorine (TRC)	0.9	0.5	mg/L	Average Monthly
Oct-18	Total Residual Chlorine (TRC)	0.8	0.5	mg/L	Average Monthly

1286

**MAINLINES & MANHOLES &  
WASTEWATER TREATMENT, INC.**

9214 TANNERY ROAD  
GIRARD, PA 16417

60-7421-2433

DATE 1.15.20

PAY TO THE ORDER OF Commonwealth of PA.

One Thousand Five Hundred & 00/100

\$ 1,500.00  
DOLLARS

**NORTHWEST SAVINGS BANK**  
FAIRVIEW, PENNSYLVANIA 16415

*Kyle Shoop*



Security Features

Details on back



**RECEIVED**  
FEB 03 2020  
Environmental Protection  
Northwest Regional Office

**SEWAGE INSPECTION REPORT**

Permit Number	Inspection Date	Entry Time	Exit Time	Inspection Type	Inspection ID
PA0031461	05/06/2021	09:00	10:51	CEI	3201831
<b>Municipality</b>	Waterford		<b>County</b>	Erie	
<b>Facility Name</b>	HICKORY HILL COUNTRY VILLAGE MHP		<b>Permittee Name</b>	MAINLINES MANHOLES & WASTEWATER TRMT INC	
<b>24-Hour Emergency Contact Person/Phone</b>	Leo Pfadt / (814) 796-3071		<b>Email</b>	----	
<b>Physical Location Address</b>	TRASK ROAD, WATERFORD, PA, 16441-0084				
<b>Permit Expiration Date</b>	11/30/2025	<b>Next Submittal Renewal Due Date</b>	06/03/2025		
<b>Violations*</b>	 No Violations Noted				
<b>Recommendations</b>					
Please contact the Department within 30 days of the receipt of this report with plans to address the non-compliances listed in this inspection report.					
<b>Person Interviewed</b> Leo Pfadt	<b>Date</b> 05/06/2021	<b>Inspector</b> SHANE KRAUSE	<b>Date</b> 05/06/2021		
<b>Signature report emailed</b>	<b>Phone Number</b> (814) 450-1005	<b>Signature</b> ----	<b>Phone Number</b> (814) 451-6746		
<b>Title</b> plant operator		<b>Title</b> Bus Prtnr/Contractor			
<b>Email</b> pfadtjackie@gmail.com		<b>Email</b> c-shkrause@pa.gov			
<p>This document is official notification that a representative of the Department of Environmental Protection inspected the above facility. The findings of this inspection are shown above and on any attached pages. *Any violations which were noted during the inspection are indicated. Violations may also be discovered upon examination of the results of laboratory analyses of the discharge and/or review of Department records.</p>					

**SEWAGE INSPECTION REPORT**

Facility Details Section			
<b>Responsible Official</b>	KYLE S LUCIANO	<b>Title</b>	PRES
<b>Business Phone</b>	(814) 434-4106	<b>Email</b>	kyle@lucianobuilders.com
<b>Permittee Address</b>	9208 TANNERY RD, GIRARD, PA, 16417		
<b>Certified Operator</b>	PFADT LEO A	<b>Client ID</b>	200401
<b>Certificates</b>	C,E-1,2,3,4	<b>Certification Status</b>	Active
		<b>Expiration Date</b>	06/30/2022
<b>Is a Copy of the permit(s) on-site?</b>			Yes
<b>Has the interviewed operator/person reviewed the facility's permit(s)?</b>			Yes
Non-Compliances 			
<ol style="list-style-type: none"> <li><b>25 Pa. Code 92a.41(a)(10):</b> Failure to maintain proper sample temperature. Composite Sample is being collected into a collection bottle inside a bucket located inside a shed. The finished composite sample is then transferred to a refrigerator at the proper temperatures inside storage garage. Maintain temperature at &lt;=6 degrees Celsius inside the composite collection bucket and record temperatures on routine basis.</li> <li><b>25 Pa. Code 92a.41(a)(10):</b> Failure to use an NIST thermometer. Use NIST traceable thermometer inside fridge for best accuracy and record temperatures on a routine basis.</li> <li><b>25 Pa. Code 92a.41(a)(8):</b> Failure to provide information or records required by the permit or otherwise needed to determine compliance. It was indicated that personnel come to routinely calibrates the pH,DO and TRC meters. A follow up with that personal indicated no calibration records were available.</li> </ol>			
Comments			
<p>A compliance evaluation inspection was conducted on 5/06/2021 with Leo Pfadt (facility operator) and Tony Ramey (Hickory Hill MHP Employee).</p> <p>Weather conditions: Clear skies, 52 degrees Fahrenheit.</p> <p>A File review, DMR review, on-site records review and walk-thru of the plant were conducted. Pictures are included with this report.</p> <p>Tony Ramey, Hickory Hill MHP Employee collects samples and operates the plant according to the SOP's provided by the current operator Leo Pfadt. Gary Waite, facility operator no longer lives in the area to make routine site visits but remains available for operational troubleshooting in the absence of Mr. Pfadt.</p> <p>Treatment units permitted by WQM Permit. # 2501427, An 8,000-gallon flow equalization tank, a flow diversion chamber, two parallel trains each with four Jet, Inc. extended aeration units having an individual 5,296 gallon capacity, for a total aeration capacity of 42,374 gallons. Two clarifiers, a sludge settling chamber, and tablet chlorine disinfection with an approximate 2,200 gallon chlorine contact tank. Design Hydraulic Capacity 0.04 MGD, Design Organic Capacity 68.0 lbs/day.</p> <p>Notes: Sludge hauling is performed in conjunction with sludge hauling from another mobile home community owned by the same owners. Individual sludge hauling manifests for hickory hill MHP do not currently exist, only a combined manifest. A discussion with hauling personal indicated that separate manifests will be developed and maintained. Separate % TS analysis by an accredited lab will be performed for each MHP and included on the Supplemental report. The Hach LDO2 dissolved oxygen and pH probes is installed on-site to test pH, DO and Turbidity. Calibration records for the probe and TRC meter are not available at this point. A discussion with personnel indicated that the probes and TRC meter will be calibrated routinely according to manufactures requirements and records kept on-site.</p> <p>As a general reminder, pursuant to Part A.III.C.4 of your NPDES permit, "The permittee shall immediately report any incident causing or threatening pollution..." and "A written submission shall also be provided within 5 days of the time the permittee becomes aware of any noncompliance which may endanger health or the environment". Immediate reporting of spills or sewage overflows should be made directly to the Meadville Regional Office at 814.332.6945, or after hours to 800.541.2050. Written follow-up should be sent to the Meadville Regional Office.</p>			

**SEWAGE INSPECTION REPORT**

**Participants:**

Shane Krause (ECDH), Leo Pfadt (Plant Operator), Tony Ramey (Hickory Hill MHP Employee)

SEWAGE INSPECTION REPORT

1 Mon,Rpts&Rcds: PA0031461 - EXTENDED AERATION/SAND FILTER

Influent Sampling

MRR-1	Is influent monitoring required by the permit?	No	
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Effluent Sampling

MRR-6	Is the effluent sample collected at the location identified in the permit?	Yes	
MRR-7	Where is the effluent sample collection location?	CCT outlet/001	
MRR-8	Is the effluent sample location after all treatment?	Yes	
MRR-9	Are representative effluent samples collected?	Yes	

Sample Collection

MRR-10	Are samples collected as required by the permit?	Yes	
MRR-11	Is proper sampling equipment / containers used during collection? Notes: Bottles and preservatives provided by the lab	Not Observed	
MRR-12	Are the proper type of samples collected in accordance with the permit?	Yes	
MRR-13	Are the samples collected at the frequency in accordance with the permit?	Yes	
MRR-14	Is the proper sample size (minimum aliquot 100 mL) collected? Notes: Exact aliquot was not known but enough composite sample is being collected.	Not Observed	
MRR-15	Is proper temperature control provided during collection, storage and shipping?	No	1
MRR-16	Is the temperature of the sampler or storage refrigerator monitored using an NIST traceable thermometer and recorded?	No	2
MRR-17	Is the sample storage temperature <=6 °C ?	Yes	
MRR-18	What is the sample storage temperature?	2 degrees Celsius	

On-site Lab Accreditation-by-Rule

MRR-19	Does the facility analyze accredited-by-rule parameters only?	Yes	
MRR-20	Which accredited-by-rule parameters are analyzed by the on-site lab?	pH DO TRC	
MRR-21	Is the on-site lab registered?	Yes	
MRR-22	Laboratory Registration ID	25-02075	

Lab Accreditation

MRR-23	Does the on-site laboratory analyze permit parameters?	No	
MRR-29	Are permit parameters analyzed by a contract lab?	Yes	

SEWAGE INSPECTION REPORT

MRR-30	Contract Lab Name, City, Phone <b>Notes:</b> Analytical services Inc. 51 Prochem tech drive Brockway, PA 15824. 814-265-8749	Analytical Services	
MRR-31	Contract Laboratory Accreditation ID	33-00411	
MRR-32	Is the contract lab accredited for those permit parameters?	Yes	
MRR-33	Have any changes occurred with the accredited-by-rule or the accredited parameters or labs?	No	

Analysis

MRR-35	Are approved test methods (per 40 CFR Part 136 or others) used for permit parameters?	Yes	
MRR-36	Are the methods used sufficiently sensitive for permit parameters?	Yes	
MRR-37	Are the samples analyzed within the required holding time?	Yes	
MRR-38	Are laboratory equipment/meters calibrated in accordance with the manufacturers' specifications?	Not Observed	
MRR-39	Are laboratory meters operated and maintained in accordance with the manufacturers' specifications? <b>Notes:</b> Digital read out for pH, DO and turbidity was observed inside the shed to be currently operational.	Yes	
MRR-40	Are pH buffers and other reagent standards current?	Not Observed	

Records

MRR-41	Are sampling, calibration, laboratory results, chain-of-custody and other required records readily available for review and complete? <b>Notes:</b> Jackie Pfadt emailed me lab analysis results and daily bench sheets. Calibration records were not available.	No	
MRR-42	Do the sampling records include collector, date/time, location information?	Yes	
MRR-43	Do the analysis records include the analyst's name, the analysis date and time, the test method used, the quantitation limits, and the results?	Yes	
MRR-44	Are the required facility records retained for a minimum of 3 years?	Yes	
MRR-45	Are the required sludge use and disposal records retained for a minimum of 5 years? <b>Notes:</b> Sludge is hauled in combination with another MHP sludge hauling. There is not a separate manifests for each treatment plant, Only a single manifests for both plants are available.	Yes	
MRR-46	Was access provided to information or to facility records upon request?	Yes	

Reports

MRR-47	Identify the month/year of the DMRs and supporting data reviewed.	6/2019 2/2020	
MRR-48	Are the reviewed DMRs and supplemental reports properly completed?	Yes	
MRR-49	Are the reviewed bench sheets/lab reports consistent with the reported data?	Yes	
MRR-50	Are samples collected more frequently than required in the permit?	Not Observed	
MRR-51	Are additional sample results incorporated into the DMR calculations?	Not	

SEWAGE INSPECTION REPORT

		Observed	
MRR-52	Are DMRs submitted on time?	Yes	
MRR-53	Are the required supplemental reports submitted?	Yes	
MRR-54	Is the facility using the eDMR system, if required?	Yes	
<b>2 Flow Measurement: PA0031461 - EXTENDED AERATION/SAND FILTER</b>			
<b>Flow Measurement</b>			
Q-2	If influent flows are measured, are they measured before all return lines and after hauled-in waste?	Yes	
Q-3	Is a flume present?	No	
Q-6	Is a weir present?	No	
Q-8	What is the max flow that can be measured at the primary device (flume or weir)?	Unknown	
<b>Meter &amp; Recorder</b>			
Q-9	Does the permit require continuous flow monitoring and recording?	No	
<b>High Flows</b>			
Q-18	Does the permit require a High Flow Management Plan?	No	
<b>3 TP Treatment Plant: PA0031461 - EXTENDED AERATION/SAND FILTER</b>			
<b>Treatment Units</b>			
TP-1	<b>Are all treatment units operable?</b>  <b>Notes:</b> Each aeration basin contains 6 small or large bubble diffusers, cleaned semi annually and as weather permitting. Each clarifier contains sludge returns back to the corresponding aeration units and skimmer to remove grease and floatable solids also returned to the corresponding aeration chamber. CCT contains aeration to maintain DO and a sludge return. Sludge holding tank receives wasted sludge from clarifiers that is manually controlled based on a settleability test.	Yes	
TP-2	Are the treatment units/equipment as described in the WQM permit(s) or in the previous inspection report?	Yes	
<b>Stand-by Power</b>			
TP-7	<b>Is stand-by power provided?</b>  <b>Notes:</b> Has gravity flow in case of pump failure or power outage.	No	
<b>Alarms</b>			
TP-13	Is an alarm system available?	No	
<b>Chemicals</b>			
TP-18	Are chemicals used for treatment or otherwise added to the waste stream?	Yes	
TP-19	Which chemicals are added?	Chlorine	

SEWAGE INSPECTION REPORT

TP-20	What is the purpose of the chemical addition?	Disinfection	
TP-21	Where are the chemicals added?	CCT	
TP-22	Are chemicals properly handled and stored to prevent a pollution incident?	Yes	
<b>Bypasses</b>			
TP-23	Did a treatment plant bypass occur since the last inspection?	No	
<b>Planned Changes</b>			
TP-35	Have any changes (new pollutants, different or increased volume or loadings) to the waste stream from industrial or hauled-in wastes occurred since the last inspection?	No	
<b>4 O&amp;M: PA0031461 - EXTENDED AERATION/SAND FILTER</b>			
<b>O&amp;M</b>			
OM-1	Which of the following treatment plant and equipment records are available? <b>Notes:</b> Maintenance schedule is based on daily onsite evaluation and environmental conditions.	Other None	
OM-2	Is a daily operations log on-site? <b>Notes:</b> Records are kept for replacement of equipment and daily operation in a notebook used by Mr. Ramey. Discussed the need to develop a more organized method with more detailed information for recording.	Yes	
OM-3	Is the daily operations log up to date?	Yes	
OM-4	Which operational conditions/actions are recorded in the log? <b>Notes:</b> Date/time of entry, daily operational maintenance, replacement of any equipment, time of departure.	Other	
OM-5	Are process control parameters monitored? (Record the monitoring frequency and current results)	No	
OM-6	Is an influent/process control supplemental report form completed and submitted with the DMR?	Not Applicable	
OM-7	Does the daily operations log include maintenance and repair records?	Yes	
OM-10	Are the PM and repair logs up to date?	Yes	
OM-11	Were major equipment repairs/replacements done since the last inspection?	Not Applicable	
OM-12	Is a spare parts inventory, either written or electronic, maintained?	No	
OM-13	Are spare parts and equipment (pumps, motors) maintained on-site or readily available? <b>Notes:</b> Multiple air diffusers with a back up pump and various pipes are kept in the locked storage garage.	Yes	
<b>Solids Management</b>			
OM-14	What is the sludge storage capacity? <b>Notes:</b> Sludge settling chamber	1500 gal	
OM-15	How much sludge was removed from the facility in the past year?	19,500 gal	
	How does the facility determine how much sludge to waste?		

**SEWAGE INSPECTION REPORT**

OM-16	<b>Notes:</b> A routine settleability test, visual inspection of effluent, environmental factors, and sometimes odor determine when to waste. Settleability test is done using a sludge collection pole and glass jar. This determination to waste is based on seeing less than 1 inch of clear effluent from the top of jar in 5 minutes and less than 1/2 of jar is clear effluent in 30 minutes.	Settleability test	
OM-17	<b>Is sludge/biosolids production &amp; disposal information submitted on the applicable supplemental report form with the DMR?</b>	Yes	
OM-18	<b>Does the facility test the removed sludge for %TS?</b> <b>Notes:</b> Percent solids are reported on the supplemental report	Not Observed	
OM-19	<b>Who provides sludge hauling/disposal/land application?</b> <b>Notes:</b> Permittee, Mr. Luciano owns pump truck. Employees Pumps sludge and hauls to Erie stp.	Permittee	
OM-20	<b>Where is the sludge disposal/biosolids application location?</b>	Erie stp	
OM-21	<b>How and where are other solid materials, such as collected screenings and grit, disposed?</b> <b>Notes:</b> Coarse basket screenings are discarded via routine park garbage collection.	Garbage disposal	
OM-22	<b>Has the facility obtained or assured that contracted agents have the necessary permits and approvals for the disposal of solid materials?</b>	Not Observed	
OM-23	<b>Are solid materials handled and disposed of in compliance with a disposal permit and requirements?</b>	Yes	
OM-24	<b>Is the facility in compliance with all other Part C Special Conditions regarding Solids Management?</b>	Yes	
<b>Hauled in Wastes</b>			
OM-25	<b>Does the facility accept hauled-in wastes?</b>	No	
<b>Stormwater</b>			
OM-37	<b>Does the permit include a special condition or other requirements regarding stormwater management?</b>	No	
<b>Special Conditions</b>			
OM-42	<b>Is the facility subject to industrial pretreatment requirements, or does the permit include a Part C Special Condition regarding Industrial Pretreatment?</b>	No	
OM-45	<b>Does the permit contain a condition regarding whole effluent toxicity (WET) tests?</b>	No	
OM-48	<b>Are any other special conditions in the permit not covered in this inspection report?</b>	No	
<b>5 DP Discharge Point: 001 - OUTFALL 001</b>			
<b>Outfall</b>			
DP-1	<b>Outfall Observations</b> <b>Notes:</b> No septic odors present. Effluent was clear with no obstructions blocking flow.	Clear discharge	
DP-2	<b>Were field measurements taken?</b>	No	
DP-4	<b>Were effluent samples collected for laboratory analysis?</b>	No	
<b>Downstream</b>			
DP-10	<b>Is the receiving stream clear of floating or deposited materials, scum, sheen, foam, oil, grease or other substances associated with the discharge?</b>	Yes	

SEWAGE INSPECTION REPORT

DP-11	Were downstream field measurements taken?	No	
DP-13	Were downstream samples collected for laboratory analysis?	No	

Upstream

DP-19	Was the stream observed upstream from the outfall? <b>Notes:</b> Outfall discharge point appears to be the genesis of the stream.	Not Observed	
DP-20	Were upstream field measurements taken?	No	
DP-22	Were upstream samples collected for laboratory analysis?	No	

6 CV Conveyance: PA0031461 - EXTENDED AERATION/SAND FILTER

Collection System

CV-1	Does the permitted entity own, operate & maintain the entire collection system?	Yes	
CV-4	Is collection system maintenance performed? <b>Notes:</b> Conveyance clean outs are pumped once year. Routine maintenance as needed and weather permitted.	Yes	
CV-5	Is maintenance regularly scheduled?	No	
CV-6	Is maintenance done as problems occur?	Yes	
CV-7	Which types of maintenance are performed?	Line flushing	
CV-8	Does the system experience infiltration and/or inflow that causes or could cause O&M problems or interferes with treatment? <b>Notes:</b> Flow stays consistent.	No	

Sanitary Sewer Overflows

CV-12	Have any sanitary sewer overflows occurred since the last inspection?	No	
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OpCert: PA0031461 - EXTENDED AERATION/SAND FILTER

Operator Certification

OP-1	Is a properly certified operator employed for the treatment plant? <b>Notes:</b> Leo Pfadt C,E - 1,2,3,4	Yes	
OP-2	Is at least one collection system pump station part of the permitted facility?	No	
OP-4	How many properly certified available operators make process control decisions at this facility?	Leo Pfadt	
OP-5	Is at least one available operator's current certificate displayed at the treatment plant?	Yes	
OP-6	Have the available operators been provided with a copy of the current NPDES/WQM Permits?	Yes	
OP-7	On which days of the week is an available operator at the plant?	Sunday Monday Tuesday Wednesday	

SEWAGE INSPECTION REPORT

		Thursday Friday Saturday	
OP-8	How many hours are spent at the plant by the available operator(s) each day (weekdays/weekends/holidays)?  <b>Notes:</b> Minimum of 2 visits daily sometimes more by Tony Ramey under the direction of Mr. Pfadt.	As needed.	
OP-9	Does the operator notify the owner about violations or conditions that may cause a violation, and needed resources?	Yes	
OP-10	How does the operator notify the owner about known violations or conditions that may cause a violation, and about needed resources?	Phone call	
OP-11	Does the owner respond to the operator's notification about needed resources?	Yes	
OP-12	Does the operator act to resolve the condition(s) and/or violation(s)?	Yes	
OP-13	Are non-certified or not properly certified persons expected to perform work that requires process control decisions?	No	
OP-19	If the available operator/operator in charge (OIC) has changed, was a change of operator form submitted to DEP within 10 days?	Not Applicable	
<b>Circuit Rider</b>			
OP-20	Is the facility operated by a circuit rider?	No	

SEWAGE INSPECTION REPORT

3 TP Treatment Plant: PA0031461 - EXTENDED AERATION/SAND FILTER

Treatment Units

TP-1 Are all treatment units operable?

Treatment Units	Total	On-Line	Inoperable	Comments
Equalization Tank/Basin	1	1		Aeration
Other Flow diverter chamber	1	1		Channels flow to extended aeration units
Other Aeration units	2	2		Extended aeration units consist of 4 chambers
Other Clarifies	2	2		One for each aeration unit
Sludge Holding Tank/Lagoon	1	1		Sludge is settled to thicken prior to hauling.
Other Disinfection	1	1		Tablet feed chlorinated
Chlorine Contact Tank	1	1		Appeared clear at time of inspection

**SEWAGE INSPECTION REPORT**

**Inspection Images**



collected basket screen material. Flow equalization tank. Picture taken 5-06-21 by Shane Krause ECDH



Flow diverter chamber. Flow from equalization tank to 2 aeration units. Picture taken 5-06-21 by Shane Krause ECDH



Aeration basin. picture taken 5-06-2021 by Shane Krause ECDH



Aeration chamber. Air diffusers in operation. Picture taken 5-06-2021 by Shane Krause ECDH

**SEWAGE INSPECTION REPORT**



East clarifier picture taken 5-06-2021 by Shane Krause ECDH.



West clarifier with some floating solids. Picture taken 5-06-2021 by Shane Krause ECDH.



CCT with tablet feed. Picture taken 5-06-2021 by Shane Krause



CCT aeration diffuser. Picture taken 5-06-2021 by Shane Krause

**SEWAGE INSPECTION REPORT**



CCT effluent sampling point with DO, pH , and turbidity probe, composite sampler, sludge return and grab TRC. Picture taken 5-06-2021 by Shane Krause



Inside shed. Daily DO, pH and turbidity meter. Picture taken 5-06-2021 by Shane Krause.



Outfall 001 picture taken 5-06-2021 by Shane Krause



Discharge to receiving stream. Picture taken 5-06-2021 by Shane Krause

**SEWAGE INSPECTION REPORT**



50 feet down stream from discharge. Clear, observed no solid build up. Picture taken 5-06-2021 by Shane Krause.

**SEWAGE INSPECTION REPORT**

Permit Number	Inspection Date	Entry Time	Exit Time	Inspection Type	Inspection ID
PA0037991	08/26/2020	09:25	10:56	CEI	3073412
Municipality	Girard	County	Erie		
Facility Name	IMPERIAL POINT NORTH MHP	Permittee Name	MAINLINES MANHOLES & WASTEWATER TRMT INC		
24-Hour Emergency Contact Person/Phone	/	Email	----		
Physical Location Address	US ROUTE 20, GIRARD, PA, 16417				
Permit Expiration Date	10/31/2020	Next Submittal Due Date	----		
Violations*	No Violations Noted				
Person Interviewed ----	Date 08/26/2020	Inspector MELISSA L CARVER	Date 08/26/2020		
Signature covid 19	Phone Number ----	Signature ----	Phone Number (814) 332-6341		
Title ----	Title WTR QLT Y SPCST				
Email ----	Email mecarver@pa.gov				
<p>This document is official notification that a representative of the Department of Environmental Protection inspected the above facility. The findings of this inspection are shown above and on any attached pages. *Any violations which were noted during the inspection are indicated. Violations may also be discovered upon examination of the results of laboratory analyses of the discharge and/or review of Department records.</p>					

**SEWAGE INSPECTION REPORT**

Facility Details Section			
<b>Responsible Official</b>	KYLE LUCIANO	<b>Title</b>	PRES
<b>Business Phone</b>	(814) 434-4106	<b>Email</b>	----
<b>Permittee Address</b>	9208 TANNERY RD, GIRARD, PA, 16417-7846		
<b>Certified Operator</b>	PAZMINO JULIO D	<b>Client ID</b>	196665
<b>Certificates</b>	A,E-1,2,3,5,4	<b>Certification Status</b>	Active
		<b>Expiration Date</b>	06/30/2021
<b>Is a Copy of the permit(s) on-site?</b>		----	
<b>Has the interviewed operator/person reviewed the facility's permit(s)?</b>		----	
Non-Compliances 			
<ol style="list-style-type: none"> <li><b>25 Pa. Code 92a.41(a)(10):</b> Failure to maintain proper sample temperature.</li> <li><b>25 Pa. Code 92a.41(a)(10):</b> Failure to use an NIST thermometer.</li> <li><b>25 Pa. Code 92a.41(a)(10):</b> Failure to maintain proper sample temperature. Temperature unknown</li> <li><b>25 Pa. Code 92a.41(a)(10):</b> Failure to properly calibrate equipment. TRC calibrations not maintained. Recommend weekly calibrations for pH, DO, and TRC.</li> <li><b>25 Pa. Code 92a.41(a)(10):</b> Failure to check the TRC meter against standards. See comments</li> <li><b>25 Pa. Code 92a.61(f)(1):</b> Failure to properly document monitoring activities and results. No time</li> <li><b>25 Pa. Code 92a.61(f)(1):</b> Failure to properly document monitoring activities and results.</li> </ol>			
Comments			
<p>This was a scheduled inspection. In attendance were Melissa Carver- DEP Water Quality Specialist, Julio D Pazmino- Imperial Point North (Mainlines and Manholes) Operator, Julio E Pazmino- Imperial Point North (Mainlines &amp; Manholes) Operator, Brian Oakes – Imperial Point North (Mainlines &amp; Manholes) Operator in Training, and David H Wurst- Imperial Point North (Mainlines &amp; Manholes) Operator. A change of operator form should be submitted to Harrisburg updating the status of the other operators listed.</p> <p>Weather was sunny and in the 70s. No samples were collected during this inspection. Pictures are attached at the end of this report.</p> <p>The TRC standards were expired during the inspection. The Department recommends replacing these. The date the pH buffers are opened is written on the bottle and all were current.</p> <p>An eDMR administrative review showed 6 violations in 2019 (4 Dissolved Oxygen and 2 Total Residual Chlorine) and 4 violations in 2020 (2 pH and 2 Total Residual Chlorine). All supplementals have been submitted monthly and were available upon request.</p> <p>Calibration records were not being kept for 3 years as is the minimum requirement. Total Residual Chlorine calibrations were not being recorded. Dissolved Oxygen calibrations were not being recorded. When calibrations are being recorded, The Department recommends adding in the time of sample conducted and time of sample analysis. There was no thermometer in the composite sampler to identify temperature.</p> <p>Leaves and other detritus were observed in the Chlorine Contact Tank. The Department recommends skimming these out of the tank regularly.</p>			
<b>Participants:</b>			
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SEWAGE INSPECTION REPORT

1 Mon,Rpts&RcDs: WQM 2571411-T2 - EXT AERATION / CHLORINE DISINFECTION

Influent Sampling

MRR-1	Is influent monitoring required by the permit?	No	
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Effluent Sampling

MRR-6	Is the effluent sample collected at the location identified in the permit?	Yes	
MRR-7	Where is the effluent sample collection location?	CCT #4	
MRR-8	Is the effluent sample location after all treatment?	Yes	
MRR-9	Are representative effluent samples collected?	Yes	

Sample Collection

MRR-10	Are samples collected as required by the permit?	Yes	
MRR-11	Is proper sampling equipment / containers used during collection?	Yes	
MRR-12	Are the proper type of samples collected in accordance with the permit?	Yes	
MRR-13	Are the samples collected at the frequency in accordance with the permit?	Yes	
MRR-14	Is the proper sample size (minimum aliquot 100 mL) collected?	Yes	
MRR-15	Is proper temperature control provided during collection, storage and shipping?	No	1
MRR-16	Is the temperature of the sampler or storage refrigerator monitored using an NIST traceable thermometer and recorded?	No	2
MRR-17	Is the sample storage temperature $\leq 6$ °C ?	No	3
MRR-18	What is the sample storage temperature?	See comments	

On-site Lab Accreditation-by-Rule

MRR-19	Does the facility analyze accredited-by-rule parameters only?	Yes	
MRR-20	Which accredited-by-rule parameters are analyzed by the on-site lab?	pH DO TRC	
MRR-21	Is the on-site lab registered?	Yes	
MRR-22	Laboratory Registration ID	25-02113	

Lab Accreditation

MRR-23	Does the on-site laboratory analyze permit parameters?	No	
MRR-29	Are permit parameters analyzed by a contract lab?	Yes	
MRR-30	Contract Lab Name, City, Phone	Microbac	

SEWAGE INSPECTION REPORT

MRR-31	Contract Laboratory Accreditation ID	02-00257	
MRR-32	Is the contract lab accredited for those permit parameters?	Yes	
MRR-33	Have any changes occurred with the accredited-by-rule or the accredited parameters or labs?	No	

Analysis

MRR-35	Are approved test methods (per 40 CFR Part 136 or others) used for permit parameters?	Yes	
MRR-36	Are the methods used sufficiently sensitive for permit parameters?	Yes	
MRR-37	Are the samples analyzed within the required holding time?	Yes	
MRR-38	Are laboratory equipment/meters calibrated in accordance with the manufacturers' specifications?	No	4
MRR-39	Are laboratory meters operated and maintained in accordance with the manufacturers' specifications?	No	5
MRR-40	Are pH buffers and other reagent standards current? Notes: Date is written on the bottle for when it's opened	Yes	

Records

MRR-41	Are sampling, calibration, laboratory results, chain-of-custody and other required records readily available for review and complete?	Yes	
MRR-42	Do the sampling records include collector, date/time, location information?	No	6
MRR-43	Do the analysis records include the analyst's name, the analysis date and time, the test method used, the quantitation limits, and the results?	No	7
MRR-44	Are the required facility records retained for a minimum of 3 years?	Yes	
MRR-45	Are the required sludge use and disposal records retained for a minimum of 5 years?	Yes	
MRR-46	Was access provided to information or to facility records upon request?	Yes	

Reports

MRR-47	Identify the month/year of the DMRs and supporting data reviewed.	See comments	
MRR-48	Are the reviewed DMRs and supplemental reports properly completed?	Yes	
MRR-49	Are the reviewed bench sheets/lab reports consistent with the reported data?	Yes	
MRR-50	Are samples collected more frequently than required in the permit?	No	
MRR-52	Are DMRs submitted on time?	Yes	
MRR-53	Are the required supplemental reports submitted?	Yes	
MRR-54	Is the facility using the eDMR system, if required?	Yes	

**Additional Notes:** Microbac laboratories inc. Pittsburgh division 100 Marshall Drive Warrendale, PA 15086 724-772-0610 2019 and 2020 eDMR reports were reviewed. Chain of custody forms, sludge hauling receipts, bench sheets, biosolids submission forms were all

SEWAGE INSPECTION REPORT

attached for viewing. Collection system maps are maintained.

**2 Flow Measurement: WQM 2571411-T2 - EXT AERATION / CHLORINE DISINFECTION**

**Flow Measurement**

Q-2	If influent flows are measured, are they measured before all return lines and after hauled-in waste?	Not Applicable	
Q-3	Is a flume present?	Yes	
Q-4	Is the flow uniform across flume channel?	Yes	
Q-5	Is the upstream channel section and the flume free of debris and deposits?	Yes	
Q-6	Is a weir present?	Yes	
Q-7	Are weirs clean with a visible air space below nappe?	Yes	
Q-8	What is the max flow that can be measured at the primary device (flume or weir)?	Unknown	

**Meter & Recorder**

Q-9	Does the permit require continuous flow monitoring and recording?	No	
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**High Flows**

Q-18	Does the permit require a High Flow Management Plan?	No	
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**Additional Notes:** Influent measured for flow from flume

**3 TP Treatment Plant: WQM 2571411-T2 - EXT AERATION / CHLORINE DISINFECTION**

**Treatment Units**

TP-1	Are all treatment units operable?	Yes	
TP-2	Are the treatment units/equipment as described in the WQM permit(s) or in the previous inspection report?	Yes	

**Stand-by Power**

TP-7	Is stand-by power provided?	Yes	
TP-8	Type of Stand-by Power	Emergency generator	
TP-9	How often is the stand-by power unit maintained?	Yearly	
TP-10	How often is the stand-by power unit exercised?	Every Tuesday at 830	
TP-11	Is the stand-by power unit exercised under load?	Yes	
TP-12	Is the stand-by power system operable and maintained?	Yes	

SEWAGE INSPECTION REPORT

Alarms			
TP-13	Is an alarm system available?	Yes	
TP-14	Type of Alarm	Auto Dialer	
TP-15	How often is the alarm system tested?	Monthly	
TP-16	What conditions trigger an alarm? Select all that apply.	Power failure	
TP-17	Is the alarm system(s) operable?	Yes	

Chemicals			
TP-18	Are chemicals used for treatment or otherwise added to the waste stream?	Yes	
TP-19	Which chemicals are added?	See comments	
TP-20	What is the purpose of the chemical addition?	See comments	
TP-21	Where are the chemicals added?	See comments	
TP-22	Are chemicals properly handled and stored to prevent a pollution incident?	Yes	

Bypasses			
TP-23	Did a treatment plant bypass occur since the last inspection?	No	

Planned Changes			
TP-35	Have any changes (new pollutants, different or increased volume or loadings) to the waste stream from industrial or hauled-in wastes occurred since the last inspection?	No	

**Additional Notes:** Debris in CCT. Alum is added in extended aeration for clarification and chlorine is added in CCT for disinfectant

**4 O&M: WQM 2571411-T2 - EXT AERATION / CHLORINE DISINFECTION**

O&M			
OM-1	Which of the following treatment plant and equipment records are available?	Equipment Manuals	
OM-2	Is a daily operations log on-site?	No	
OM-5	Are process control parameters monitored? (Record the monitoring frequency and current results)	Yes	
OM-6	Is an influent/process control supplemental report form completed and submitted with the DMR?	Not Applicable	
OM-7	Does the daily operations log include maintenance and repair records?	No	
OM-8	Is a routine preventative maintenance (PM) schedule and log maintained?	No	
OM-9	Is a repair log on-site?	No	
OM-10	Are the PM and repair logs up to date?	No	
	Were major equipment repairs/replacements done since the last inspection?		

SEWAGE INSPECTION REPORT

OM-11	Were major equipment repairs/replacements done since the last inspection? <b>Notes:</b> New cross braces in extended aeration	Yes	
OM-12	Is a spare parts inventory, either written or electronic, maintained? <b>Notes:</b> Blowers and motors	Yes	
OM-13	Are spare parts and equipment (pumps, motors) maintained on-site or readily available?	Yes	

Solids Management

OM-14	What is the sludge storage capacity?	4000 gallons	
OM-15	How much sludge was removed from the facility in the past year?	28.372 dry tons	
OM-16	How does the facility determine how much sludge to waste?	See comments	
OM-17	Is sludge/biosolids production & disposal information submitted on the applicable supplemental report form with the DMR?	Yes	
OM-18	Does the facility test the removed sludge for %TS? <b>Notes:</b> Last test was 1.80 % solids	Yes	
OM-19	Who provides sludge hauling/disposal/land application?	Mainlines manholes	
OM-20	Where is the sludge disposal/biosolids application location?	City of Erie	
OM-21	How and where are other solid materials, such as collected screenings and grit, disposed?	See comments	
OM-22	Has the facility obtained or assured that contracted agents have the necessary permits and approvals for the disposal of solid materials?	Yes	
OM-23	Are solid materials handled and disposed of in compliance with a disposal permit and requirements?	Yes	
OM-24	Is the facility in compliance with all other Part C Special Conditions regarding Solids Management?	Yes	

Hauled in Wastes

OM-25	Does the facility accept hauled-in wastes?	No	
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Stormwater

OM-37	Does the permit include a special condition or other requirements regarding stormwater management?	No	
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Special Conditions

OM-42	Is the facility subject to industrial pretreatment requirements, or does the permit include a Part C Special Condition regarding Industrial Pretreatment?	No	
OM-45	Does the permit contain a condition regarding whole effluent toxicity (WET) tests?	No	
OM-48	Are any other special conditions in the permit not covered in this inspection report?	Yes	
OM-49	What other special conditions are in the permit not otherwise covered in this inspection report?	TRC limits	
OM-50	Has the facility complied with the requirements of the other special conditions listed?	Yes	

**Additional Notes:** Sludge wasting determined by thickness and settleability test

SEWAGE INSPECTION REPORT

5 DP Discharge Point: 001 - OUTFALL 001

Outfall

DP-1	Outfall Observations	See comments	
DP-2	Were field measurements taken?	No	
DP-4	Were effluent samples collected for laboratory analysis?	No	

Downstream

DP-10	Is the receiving stream clear of floating or deposited materials, scum, sheen, foam, oil, grease or other substances associated with the discharge?	Not Applicable	
DP-11	Were downstream field measurements taken?	No	
DP-13	Were downstream samples collected for laboratory analysis?	No	

Upstream

DP-19	Was the stream observed upstream from the outfall?	Not Applicable	
DP-20	Were upstream field measurements taken?	No	
DP-22	Were upstream samples collected for laboratory analysis?	No	

Additional Notes: Discharges to storm sewer

OpCert: WQM 2571411-T2 - EXT AERATION / CHLORINE DISINFECTION

Operator Certification

OP-1	Is a properly certified operator employed for the treatment plant?	Yes	
OP-2	Is at least one collection system pump station part of the permitted facility?	No	
OP-4	How many properly certified available operators make process control decisions at this facility?	5soon to be 6	
OP-5	Is at least one available operator's current certificate displayed at the treatment plant?	Yes	
OP-6	Have the available operators been provided with a copy of the current NPDES/WQM Permits?	Yes	
OP-7	On which days of the week is an available operator at the plant?	Tuesday Wednesday	
OP-8	How many hours are spent at the plant by the available operator(s) each day (weekdays/weekends/holidays)?	Varies	
OP-9	Does the operator notify the owner about violations or conditions that may cause a violation, and needed resources?	Yes	
OP-10	How does the operator notify the owner about known violations or conditions that may cause a violation, and about needed resources?	Verbal Email Text message Phone call	
OP-11	Does the owner respond to the operator's notification about needed resources?	Yes	

**SEWAGE INSPECTION REPORT**

OP-12	Does the operator act to resolve the condition(s) and/or violation(s)?	Yes	
OP-13	Are non-certified or not properly certified persons expected to perform work that requires process control decisions?	No	
OP-19	If the available operator/operator in charge (OIC) has changed, was a change of operator form submitted to DEP within 10 days?	Not Applicable	
<b>Circuit Rider</b>			
OP-20	Is the facility operated by a circuit rider?	Yes	
OP-21	How many facilities does the circuit rider operate?	2	
OP-22	Is the required General Work Plan complete, signed by the owner and available for review upon request?	Yes	
OP-23	Is the required System Specific Management Plan complete, signed by the owner and available for review upon request?	Yes	

SEWAGE INSPECTION REPORT

3 TP Treatment Plant: WQM 2571411-T2 - EXT AERATION / CHLORINE DISINFECTION

Treatment Units

TP-1	Are all treatment units operable?			
Treatment Units	Total	On-Line	Inoperable	Comments
Chlorine Contact Tank	1	1	0	
Comminutor	1	1	0	
Aerated Digester	1	1	0	
Sludge Holding Tank/Lagoon	1	1	0	
Other Plate Press	1	0	0	Not operating during inspection
Primary Clarifier	1	1	0	
Other Extended Aeration	1	1	0	

**Additional Notes:** Debris in CCT. Alum is added in extended aeration for clarification and chlorine is added in CCT for disinfectant

4 O&M: WQM 2571411-T2 - EXT AERATION / CHLORINE DISINFECTION

O&M

OM-5	Are process control parameters monitored? (Record the monitoring frequency and current results)	
Parameter / Calculation	Frequency Of Testing	Current Testing Results
pH	4times per week	
Dissolved Oxygen	4 times per week	

**Additional Notes:** Sludge wasting determined by thickness and settlebility test

**SEWAGE INSPECTION REPORT**

**Inspection Images**



Photo #: 3 TP Treatment Plant-WQM 2571411-T2  
Description: Photo taken by MELISSA L CARVER



Photo #: 3 TP Treatment Plant-WQM 2571411-T2  
Description: flume Photo taken by MELISSA L  
CARVER



Photo #: 3 TP Treatment Plant-WQM 2571411-T2  
Description: extended aeration tank Photo taken by  
MELISSA L CARVER



Photo #: 3 TP Treatment Plant-WQM 2571411-T2  
Description: propane run generator Photo taken by  
MELISSA L CARVER

**SEWAGE INSPECTION REPORT**



Photo #: 3 TP Treatment Plant-WQM 2571411-T2  
Description: black wrapped pipe is alum feed Photo  
taken by MELISSA L CARVER



Photo #: 3 TP Treatment Plant-WQM 2571411-T2  
Description: EQ tank Photo taken by MELISSA L  
CARVER



Photo #: 3 TP Treatment Plant-WQM 2571411-T2  
Description: effluent prior to discharge Photo taken  
by MELISSA L CARVER



Photo #: 3 TP Treatment Plant-WQM 2571411-T2  
Description: cct Photo taken by MELISSA L CARVER

**SEWAGE INSPECTION REPORT**



Photo #: 2 Flow Measurement-WQM 2571411-T2  
Description: weir after cct Photo taken by MELISSA L  
CARVER



Photo #: 3 TP Treatment Plant-WQM 2571411-T2  
Description: Clarifiers Photo taken by MELISSA L  
CARVER



Photo #: 3 TP Treatment Plant-WQM 2571411-T2  
Description: weir from extended aeration to cct Photo  
taken by MELISSA L CARVER



Photo #: 3 TP Treatment Plant-WQM 2571411-T2  
Description: Influent meter Photo taken by MELISSA  
L CARVER

**SEWAGE INSPECTION REPORT**



Photo #: 3 TP Treatment Plant-WQM 2571411-T2  
Description: bisulfite Photo taken by MELISSA L  
CARVER



Photo #: 3 TP Treatment Plant-WQM 2571411-T2  
Description: composite sampler Photo taken by  
MELISSA L CARVER



Photo #: 1 Mon,Rpts&Rcds-WQM 2571411-T2 De-  
scription: pH calibrations Photo taken by MELISSA L  
CARVER



Photo #: 1 Mon,Rpts&Rcds-WQM 2571411-T2 De-  
scription: pH probe to left and DO probe to the right  
Photo taken by MELISSA L CARVER

**SEWAGE INSPECTION REPORT**



Photo #: 3 TP Treatment Plant-WQM 2571411-T2  
Description: plate press Photo taken by MELISSA L  
CARVER



Photo #: 3 TP Treatment Plant-WQM 2571411-T2  
Description: takes pressed solids and rags and de-  
bris Photo taken by MELISSA L CARVER



Photo #: 3 TP Treatment Plant-WQM 2571411-T2  
Description: lab to test settleability and solids for their  
own testing Photo taken by MELISSA L CARVER

**SEWAGE INSPECTION REPORT**

Permit Number	Inspection Date	Entry Time	Exit Time	Inspection Type	Inspection ID
PA0037991	03/04/2025	13:00	15:15	CEI	3942217
Municipality	Girard		County	Erie	
Facility Name	IMPERIAL POINT NORTH MHP		Permittee Name	MAINLINES MANHOLES & WASTEWATER TRMT INC	
24-Hour Emergency Contact Person/Phone	Julio Pazmino / (814) 572-0139		Email	jpazmino@northeastborough.com	
Physical Location Address	US ROUTE 20, GIRARD, PA, 16417				
Permit Expiration Date	05/31/2026	Next Submittal DueDate	----	----	
Violations*	No Violations Noted				
Person Interviewed	Julio Pazmino & Chris Luciano	Date	03/04/2025	Inspector	SHANE KRAUSE
Signature emailed		Phone Number	(814) 572-0139	Signature	----
Title	Operator & Owner		Title Bus Prtnr/Contractor		
Email	Chris@lucianobuilders.com		Email c-shkrause@pa.gov		
<p><b>This document is official notification that a representative of the Department of Environmental Protection inspected the above facility. The findings of this inspection are shown above and on any attached pages. *Any violations which were noted during the inspection are indicated. Violations may also be discovered upon examination of the results of laboratory analyses of the discharge and/or review of Department records.</b></p>					

**SEWAGE INSPECTION REPORT**

<b>Facility Details Section</b>			
<b>Responsible Official</b>	KYLE LUCIANO	<b>Title</b>	PRES
<b>Business Phone</b>	(814) 434-4106	<b>Email</b>	imperialpointwater@gmail.com
<b>Permittee Address</b>	9208 TANNERY RD, GIRARD, PA, 16417-7846		
<b>Certified Operator</b>	----	<b>Client ID</b>	----
<b>Certificates</b>	----	<b>Certification Status</b>	----
		<b>Expiration Date</b>	--/--/----
<b>Is a Copy of the permit(s) on-site?</b> -----			
<b>Has the interviewed operator/person reviewed the facility's permit(s)?</b> -----			
<b>Non-Compliances</b> 			
<ol style="list-style-type: none"> <li>1. <b>25 Pa. Code 92a.41(a)(10):</b> Failure to use an NIST thermometer. Observed compositor collection fridge to be temperature monitored but not using NIST thermometer. This non-compliance noted in previous CEI.</li> <li>2. <b>25 Pa. Code 92a.41(a)(8):</b> Failure to provide information or records required by the permit or otherwise needed to determine compliance. Recommnd calibration records be available, not observed. This non-compliance was stated in previous CEI. Operator indicated meter probes are maintained within calibration specifications. Calibrated 2nd Tuesday every month. Operator indicated standards for Chlorometer are checked monthly.</li> </ol>			
<b>Comments</b>			
<p>A CEI was conducted with Julio Pazmino (facility operator) and Chris Luciano (Park owner and maintenance). Mr. Luciano stated he will visit the treatment plant daily and perform all maintenance and sampling under the direction of Mr. Pazmino (Operator).</p> <p>During the inspection I observed Sewage treatment plant operation report which included daily chemical feed data, flow data, and daily effluent sampling data with time/date ( recommend tech initials be documented for sample collection). Report completed by Mr. Luciano.</p> <p>I also observed Mainlines and Manholes WWTP maintenance report which included dates associated with various maintenance tasks (Clarifier cleaning, media filter cleaning, Plate press operation, dumpster removal, polymer tracking).</p> <p>Since the previous CEI conducted 8/26/2020 the facility has upgraded to a new headworks station with all necessary components(see photo 1). Flow meter issues caused reporting lapse at the beginning of January 2025, Flow display has been replaced (See photo 9)</p> <p>Storm surge overflow which directs excessive inflow to Equalization tank when flows exceed 55gpm. Flow will overflow influent channel weirs and gravity feed to EQ tank, as flows subside (Non peak time) the effluent will be pumped back to channel after flow meter. This process is documented in the design engineer report submitted with WQM permit number 2571411-T2. ( see photo 2-4)</p> <p>Observed auto dialer alarm system functioning. Auto dialer set to notify for various operational conditions.</p> <p>NPDES permit is set to expire May 31, 2026 at midnight. Application for renewal of permit must be submitted 180 days prior to expiration.</p> <p>Emergency Response hotline number is 800-541-2050.</p>			
<b>Participants:</b> ----			

SEWAGE INSPECTION REPORT

1 Mon,Rpts&Rcds: WQM 2571411-T2 - EXT AERATION / CHLORINE DISINFECTION

Influent Sampling

MRR-1	Is this an inspection that requires any of the following questions to be answered about influent sample collection?	No	
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Effluent Sampling

MRR-7	Is this an inspection that requires any of the following questions to be answered about effluent sample collection?	Yes	
MRR-8	Is the effluent sample collected at the location identified in the permit?	Yes	
MRR-9	Where is the effluent sample collection location? <b>Notes:</b> Effluent sampling is conducted in a intermediate tank before entering pump discharge tank.	-	
MRR-10	Is the effluent sample location after all treatment?	Yes	
MRR-11	Are representative effluent samples collected?	Yes	

Sample Collection

MRR-12	Is this inspection a CEI that requires any of the following questions to be answered about sample collection and handling?	Yes	
MRR-13	Are samples collected as required by the permit?	Yes	
MRR-14	Is proper sampling equipment / containers used during collection? <b>Notes:</b> Observed composite sampler. Operator verified functionality of the compositor.	Yes	
MRR-15	Are the proper type of samples collected in accordance with the permit (grabs or composites)? <b>Notes:</b> Probes are used for pH and DO.	Yes	
MRR-16	Are the samples collected at a frequency in accordance with the permit? <b>Notes:</b> NPDES permit requires 8-hr composite samples. Compositor is set to sample every 15 minutes. When operator turned on the sampler it was set to sample every 15 minutes for a total of 76 samples. Operator indicated composite samples are typically started in evening and collected first thing the next morning and could be spanning more than an 8-hr sample.	Yes	
MRR-17	Is the proper sample size (minimum aliquot 100 mL) collected? <b>Notes:</b> Observed to be collecting 125 mL.	Yes	
MRR-18	Is proper temperature control provided during collection, storage and shipping? <b>Notes:</b> 2 degrees Celsius observed.	Yes	
MRR-19	Are the temperatures of the sampler and storage refrigerator monitored using an NIST traceable thermometer?	No	
MRR-20	Is the sample storage temperature maintained at <=6 °C per records?	Yes	
MRR-21	What is the sample storage temperature at the time of inspection?	2C	

On-site Lab Accreditation-by-Rule

MRR-22	Is this inspection a CEI that requires any of the following questions to be answered about the on-site lab and accreditation-by-rule parameters?	Yes	
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SEWAGE INSPECTION REPORT

MRR-23	Does the facility analyze accredited-by-rule parameters?	Yes	
MRR-24	Which accredited-by-rule parameters are analyzed by the on-site lab?	pH DO TRC	
MRR-25	Is the on-site lab registered?	Yes	
MRR-26	Laboratory Registration ID	25-02113	

Lab Accreditation

MRR-27	Is this inspection a CEI that requires any of the following questions to be answered about lab accreditation and accredited permit parameters?	Yes	
MRR-28	Does the on-site laboratory analyze permit parameters?	No	
MRR-34	Are permit parameters analyzed by a contract lab?	Yes	
MRR-35	Contract Lab Name, City, (Provide information in Remarks) Notes: Fairway labs/ Pace labs. 2019 Ninth Avenue Altoona, PA	-	
MRR-36	Contract Laboratory Accreditation ID	07-062	
MRR-37	Is the contract lab accredited for those permit parameters?	Yes	
MRR-38	Have any changes occurred with the accredited-by-rule or the accredited parameters, or the labs?	Yes	
MRR-39	Is a lab accreditation form submitted with the DMR when changes have occurred?	Yes	

Analysis

MRR-40	Is this an inspection that requires any of the following questions to be answered about analysis methods and procedures?	Yes	
MRR-41	Are approved test methods (per 40 CFR Part 136 or others) used for permit parameters?	Yes	
MRR-42	Are the methods used sufficiently sensitive for permit parameters? (See Part C of the permit for more information)	Yes	
MRR-43	Are the samples analyzed within the required holding time?	Yes	
MRR-44	Are laboratory equipment/meters calibrated in accordance with the manufacturers' specifications?	Not Observed	
MRR-45	Are laboratory meters checked against standards where required? Notes: Recommend calibration records be available for review.	Not Observed	
MRR-46	Are pH buffers and other reagent standards current?	Not Observed	

Records

MRR-47	Is this an inspection that requires any of the following questions to be answered about monitoring reports and records?	Yes	
MRR-48	Are sampling, calibration, laboratory results, chain-of-custody and other required records readily available for review and complete?	No	

SEWAGE INSPECTION REPORT

MRR-49	Do the sampling records include collector, date/time, location information? <b>Notes:</b> Recommend documenting person sampling. Treatment plant Data sheets were observed to have column for tech who sampled.	Yes	
MRR-50	Do the analysis records include the analyst's name, the analysis date and time, the test method used, the quantitation limits, and the results? <b>Notes:</b> COCs observed for composite sampling included information.	Yes	
MRR-51	Are the required facility records retained for a minimum of 3 years?	Yes	
MRR-52	Are the required land application / sludge use and disposal records retained for a minimum of 5 years?	Yes	
MRR-53	Was access provided to information or to facility records upon request?	Yes	

Reports

MRR-54	Is this an inspection that requires any of the following questions to be answered about self-monitoring reports?	Yes	
MRR-55	Identify the month/year of the DMRs and supporting data reviewed. <b>Notes:</b> Records are retained off-site. Operator provided April 2022 results post inspection with hauling manifests and COC's. Observed/verified 4/2024 results onsite during inspection.	4/2024 & 4/2022	
MRR-56	Are the reviewed DMRs and supplemental reports properly completed? <b>Notes:</b> Observed January 2025 flows not reported daily effluent supplemental. Operator indicated flow meter was not operating as intended and was replaced.	Yes	
MRR-57	Are the reviewed bench sheets/lab reports consistent with the reported data?	Yes	
MRR-58	Are samples collected more frequently than required in the permit? <b>Notes:</b> See MRR-16 notes.	No	
MRR-60	Are DMRs submitted on time?	Yes	
MRR-61	Are the required supplemental reports submitted? (See list included with permit.)	Yes	
MRR-62	Is the facility using the eDMR system, if required?	Yes	

2 Flow Measurement: WQM 2571411-T2 - EXT AERATION / CHLORINE DISINFECTION

Flow Measurement

Q-1	Where is the flow measured for DMR reporting?	Influent	
Q-2	If influent flows are measured, are they measured before all return lines and after hauled-in waste? <b>Notes:</b> An overflow pipe is set that when flows reach 55gpm the excess effluent will flow over influent channel wiers. Overflow is pipe diverted via gravity to the EQ tank. As flow subside 55 GPM effluent sent to the EQ tank will be pumped back to treatment plant in a location after flow meter to not be metered twice (usually occurring at night).	Yes	
Q-3	Is a flume present?	Yes	
Q-4	Is the flow uniform across flume channel?	Yes	
Q-5	Is the upstream channel section and the flume free of debris and deposits?	Yes	

SEWAGE INSPECTION REPORT

Q-6	Is a weir present?	No	
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Meter & Recorder

Q-8	Does the permit require continuous flow monitoring and recording? <b>Notes:</b> Flow to be reported 1/week measured.	No	
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High Flows

Q-18	Does the permit require a High Flow Management Plan?	No	
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3 Treatment Plant: WQM 2571411-T2 - EXT AERATION / CHLORINE DISINFECTION

Treatment Units

TP-1	Are all treatment units operable?	Yes	
TP-2	Are the treatment units/equipment as described in the WQM permit(s) or in the previous inspection report?	Yes	

Stand-by Power

TP-7	Is stand-by power provided?	Yes	
TP-8	Type of Stand-by Power	Emergency generator	
TP-9	How often is the stand-by power unit maintained?	Weekly	
TP-10	How often is the stand-by power unit exercised? <b>Notes:</b> Exercised every Monday.	Weekly	
TP-11	Is the stand-by power unit exercised under load?	Not Observed	
TP-12	Is the stand-by power system operable and maintained?	Yes	

Alarms

TP-13	Is an alarm system available?	Yes	
TP-14	Type of Alarm	Auto Dialer	
TP-15	How often is the alarm system tested?	Daily	
TP-16	What conditions trigger an alarm? Select all that apply.	Power failure High level Pump faults Pump failure	
TP-17	Is the alarm system(s) operable?	Yes	

Chemicals

TP-18	Are chemicals used for treatment or otherwise added to the waste stream?	Yes	
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**SEWAGE INSPECTION REPORT**

TP-19	<b>Which chemicals are added?</b> <b>Notes:</b> Dry alum, poly/water mix see photo 10. Liquid allum see photo 11. Chlorine ( Sodium Hypochlorite)for disinfection. dechlorination (Sodium B-Sulfate).	-	
TP-20	<b>What is the purpose of the chemical addition?</b> <b>Notes:</b> Alum poly mix added to aid in settling and clarity. Chlorine Disinfection and dechlorination.	-	
TP-21	<b>Where are the chemicals added?</b> <b>Notes:</b> Observed alum/poly mix added to inlet of clarifiers. Liquid alum applied to aeration basin with timer dispersion. Observed chlorine disinfection applied to inlet of CCT. Observed Dechlor applied to end of CCT. See photos.	-	
TP-22	<b>Are chemicals properly handled and stored to prevent a pollution incident?</b> <b>Notes:</b> Observed in inside garage building.	Yes	

**Bypasses**

TP-23	<b>Did a treatment plant bypass occur since the last inspection?</b>	No	
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**Planned Changes**

TP-35	<b>Have any changes (new pollutants, different or increased volume or loadings) to the waste stream from industrial or hauled-in wastes occurred since the last inspection?</b>	No	
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**4 O&M: WQM 2571411-T2 - EXT AERATION / CHLORINE DISINFECTION**

**O&M**

OM-1	<b>Which of the following treatment plant and equipment records are available?</b>	Maintenance schedule	
OM-2	<b>Is a daily operations log on-site?</b>	Yes	
OM-3	<b>Is the daily operations log up to date?</b>	Yes	
OM-4	<b>Which operational conditions/actions are recorded in the log?</b>	Process adjustments	
OM-5	<b>Are process control parameters monitored? (Record the monitoring frequency and current results)</b>	Not Observed	
OM-6	<b>Is an influent/process control supplemental report form completed and submitted with the DMR?</b>	Not Applicable	
OM-7	<b>Does the daily operations log include maintenance and repair records?</b> <b>Notes:</b> See comments.	Yes	
OM-10	<b>Are the PM and repair logs up to date?</b>	Not Observed	
OM-11	<b>Were major equipment repairs/replacements done since the last inspection?</b> <b>Notes:</b> Replaced head works.flow meter replaced.	Yes	
OM-12	<b>Is a spare parts inventory, either written or electronic, maintained?</b>	Not Observed	
OM-13	<b>Are spare parts and equipment (pumps, motors) maintained on-site or readily available?</b>	Yes	

SEWAGE INSPECTION REPORT

OM-14	Is the facility properly operated and maintained to achieve compliance with the permit limits and requirements?	Yes	
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Solids Management

OM-15	What is the sludge storage capacity? <b>Notes:</b> Sludge holding tank estimated ~4000-gallons.	-	
OM-16	Does the facility manage solids such that excess sludge is not held in clarifiers or accumulated in the final process tanks, or that none of the sludge treatment or storage units are over capacity? <b>Notes:</b> Facility owns its own pumper truck and will utilize regularly. Liquid sludge is managed in this instance and pumped from top of clarifiers and other needed components for cleaning. See notes for OM-21. Plate press dewatered sludge is transported to a dumpster that is onsite and located under cover. Pro waste will haul dumpster Chautauqua county landfill.	Yes	
OM-17	How much sludge was removed from the facility in the past year? <b>Notes:</b> Facility reported a total of 4.447 dry tons of liquid sludge hauled offsite- the dry tons was based off using 1.87% solids for each haul converted from gallons. Facility typically reported hauling in 2,500-gallon or 3,500-gallon increments of liquid sludge. Pro waste picking up dumpster loads occurred in March, June and October 2024 totaling 7.97 dry tons using the same % solids of 21.80% for each haul.	-	
OM-18	How does the facility determine how much sludge to waste? (Provide information in Remarks)	Routine	
OM-19	Is sludge/biosolids production & disposal information submitted on the applicable supplemental report form with the DMR?	Yes	
OM-20	Does the facility test the removed sludge for %TS? <b>Notes:</b> Indicated testing once a year ( typically around December) sent with analytical results. Facility used same percent solid for liquid sludge hauling in 2024 - 1.87%. December 2024 started using 3%	Yes	
OM-21	Who provides sludge hauling/disposal/land application? <b>Notes:</b> Mainlines, manholes, and WW treatment own pumper truck and utilize to transport liquid sludge to City of Erie Permit number 100329. Pro waste transport dewatered sludge (plate press), dumpster load to Chautauqua County Landfill.	-	
OM-22	Where is the sludge disposal/biosolids application location? <b>Notes:</b> Liquid sludge is hauled to City of Erie POTW. Pro waste will haul sludge to Chautauqua County Landfill.	-	
OM-23	How and where are other solid materials, such as collected screenings and grit, disposed?	Pro waste dumpster	
OM-24	Has the facility obtained or assured that contracted agents have the necessary permits and approvals for the disposal of solid materials?	Yes	
OM-25	Are solid materials handled and disposed of in compliance with a disposal permit and requirements?	Yes	
OM-26	Is the facility in compliance with all other Part C Special Conditions regarding Solids Management?	Yes	

Hauled in Wastes

OM-27	Does the facility accept hauled-in wastes?	No	
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Stormwater

OM-39	Does the permit include a special condition or other requirements regarding stormwater management?	No	
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SEWAGE INSPECTION REPORT

Special Conditions

OM-44	Is the facility subject to industrial pretreatment requirements, or does the permit include a Part C Special Condition regarding Industrial Pretreatment?	No	
OM-47	Does the permit contain a condition regarding whole effluent toxicity (WET) tests?	No	
OM-50	Are any other special conditions in the permit not covered in this inspection report?	No	

5 Discharge Point: 001 - OUTFALL 001

Discharge

DP-1	<b>Effluent Observations</b> <b>Notes:</b> Effluent was observed in sample port tank and Effluent lift station. Effluent appeared clear no odors present. Field measurements were taken from sample port.see photos 17-19. Operator indicated lift pumped discharge within stormwater system through adjacent complex eventually leading to swale across route 20. Actual Outfall location was not observed. Observed pipe inside a nearby catch basin identified as effluent discharge pipe. No issues were noted.	-	
DP-2	Where was the effluent observed?	Other Disinfection unit weir	
DP-3	Were field measurements taken of the effluent?	Yes	
DP-4	Effluent field measurements	Yes	
DP-5	Were effluent samples collected for laboratory analysis?	No	
DP-12	Is the outfall accessible?	Not Observed	
DP-13	Outfall Observations	See notes DP-1	

Downstream

DP-14	Was the stream observed downstream from the outfall?	No	
DP-16	Were downstream field measurements taken?	No	
DP-18	Were downstream samples collected for laboratory analysis?	No	

Upstream

DP-24	Was the stream observed upstream from the outfall?	No	
DP-25	Were upstream field measurements taken?	No	
DP-27	Were upstream samples collected for laboratory analysis?	No	

6 Conveyance-(SSOs): WQM 2571411-T2 - EXT AERATION / CHLORINE DISINFECTION

SEWAGE INSPECTION REPORT

Collection System

CS-1	Does the permitted entity own, operate & maintain the entire collection system?	Yes	
CS-4	Is collection system maintenance performed?	Yes	
CS-5	Is maintenance regularly scheduled?	Not Observed	
CS-6	Is maintenance done as problems occur?	Yes	
CS-7	Which types of maintenance are performed? <b>Notes:</b> Facility personnel indicated roughly 5years ago the entire collection system including all manholes were inspected by contractor and fully repaired and updated at that time.	-	
CS-8	Does the system experience infiltration and/or inflow that causes or could cause O&M problems or interferes with treatment?	Not Observed	
CS-9	Is an I&I program in place?	No	

Sanitary Sewer Overflows

CS-12	Have any sanitary sewer overflows (SSO) occurred since the last inspection? <b>Notes:</b> Discussed reporting requirements for SSO incidents.	No	
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8 OpCert: WQM 2571411-T2 - EXT AERATION / CHLORINE DISINFECTION

Operator Certification

OP-1	Is a properly certified operator employed for the treatment plant?	Yes	
OP-2	Is at least one collection system pump station part of the permitted facility?	No	
OP-4	How many properly certified available operators make process control decisions at this facility?	3	
OP-5	Is at least one available operator's current certificate displayed at the treatment plant?	No	
OP-6	Have the available operators been provided with a copy of the current NPDES/WQM Permits?	Yes	
OP-7	On which days of the week is an available operator at the plant? <b>Notes:</b> Typically 3 days/week. Monday, Tuesday & Thursday availability. Available to stop as needed.	-	
OP-8	How many hours are spent at the plant by the available operator(s) each day (weekdays/weekends/holidays)?	~1 hour	
OP-9	Does the operator notify the owner about violations or conditions that may cause a violation, and about needed resources?	Yes	
OP-10	How does the operator notify the owner about known violations or conditions that may cause a violation, and about needed resources?	Other Verbal Email Text message Phone call	
OP-11	Does the owner respond to the operator's notification about needed resources?	Yes	
OP-12	Does the operator act to resolve the condition(s) and/or violation(s)?	Yes	

SEWAGE INSPECTION REPORT

OP-13	Are non-certified or not properly certified persons expected to perform work that may require process control decisions? <b>Notes:</b> SOP for daily operation observed while onsite.	No	
OP-19	If the available operator/operator in charge (OIC) has changed, was a change of operator form submitted to DEP within 10 days?	Not Applicable	
<b>Circuit Rider</b>			
OP-20	Is the facility operated by a circuit rider?	Yes	
OP-21	How many facilities does the circuit rider operate?	9	
OP-22	Is the required General Work Plan complete, signed by the owner and available for review upon request? <b>Notes:</b> Provided post inspection.	Yes	
OP-23	Is the required System Specific Management Plan complete, signed by the owner and available for review upon request? <b>Notes:</b> Provided post inspection.	Yes	

SEWAGE INSPECTION REPORT

3 Treatment Plant: WQM 2571411-T2 - EXT AERATION / CHLORINE DISINFECTION

Treatment Units

TP-1	Are all treatment units operable?			
Treatment Units	Total	On-Line	Inoperable	Comments
Comminutor	1	1	----	Recently installed as update with headworks
Other Manual bar screen	1	1	----	Cleaned daily. Solids removed with sludge dumpster
Equalization Tank/Basin	1	1	----	Capacity roughly 30,000 gallons. With aeration
Aeration Basin	1	1	----	Air drops inspected routinely. 24/7 sludge returns
Secondary Clarifier	1	1	----	Two coned clarifier. Solids maintained routinely
Media Filter	2	2	----	Pyradex fixed media filter. Upflow
Chlorine Contact Tank	1	1	----	Cleaned every 4 to 6 weeks. 2000gallon.
Other Sludge holding tank	1	1	----	Used more in warmer weather. supernate to EQ tank
Other Sludge plate press	1	1	----	In operable condition used frequently.
Other Effluent lift station	1	1	----	With back up pumps, alarms functioning-Auto dial.

5 Discharge Point: 001 - OUTFALL 001

Discharge

DP-4	Effluent field measurements	
	Measurement	Result
	pH, S.U.	7.17
	Dissolved Oxygen, mg/L	5.8
	Temperature, °C	9.8

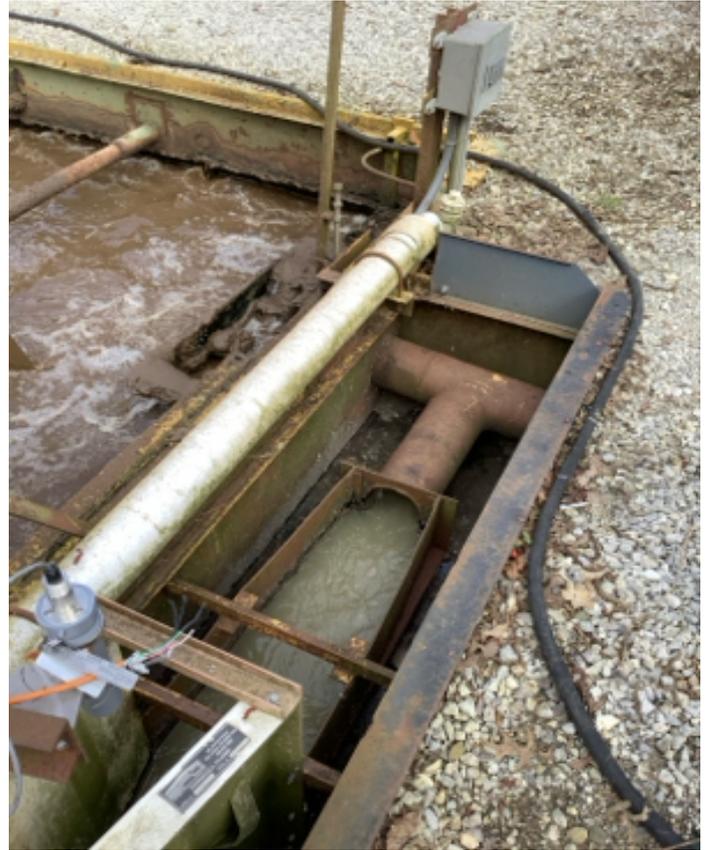
SEWAGE INSPECTION REPORT

Inspection Images



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Photo # 1. View of headworks. Upgraded since previous inspection. Solids removed manually.



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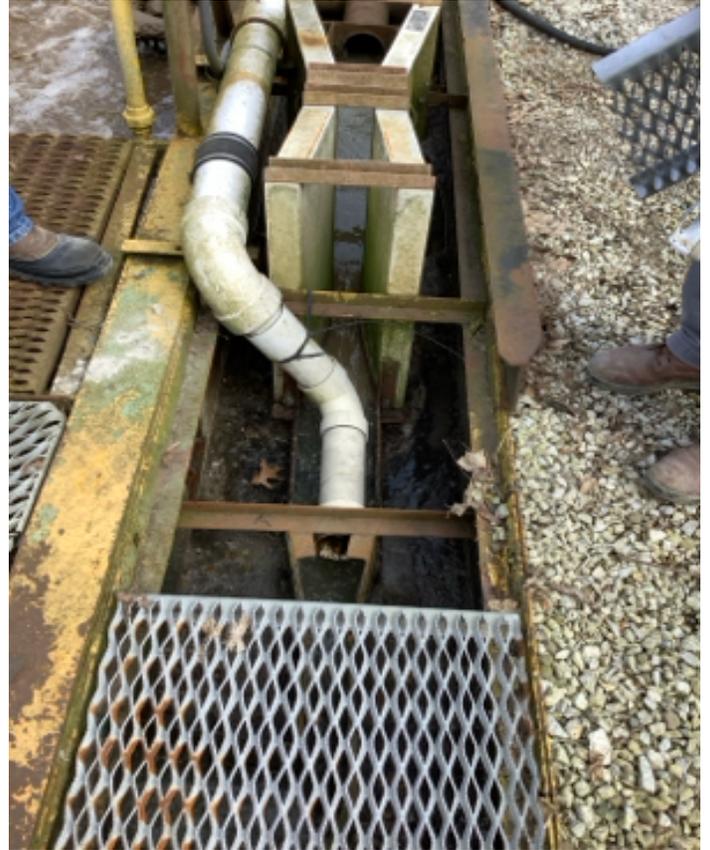
Photo # 2. Old aeration inlet blocked off. Effluent flowing through influent channel weirs. Effluent will overflow channel weir at 55 GPM and gravity flow to EQ tank.

**SEWAGE INSPECTION REPORT**



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Photo # 3. Influent flow meter .



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Photo # 4. View of white PVC pipe identified as EQ tank effluent return for overflows located after flow meter.

SEWAGE INSPECTION REPORT



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Photo # 5. Extended aeration. Returns functioning 24/7.  
Air appeared evenly dispersing.



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Photo # 6. Two blowers available. One is used at a time.  
frequently alternated.

SEWAGE INSPECTION REPORT



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Photo # 7. View of Clarifiers inside garage building, two coned. Operator indicated floating solids are routinely maintained by company pumper truck.



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Photo # 8. Clarifier discharge weirs.

SEWAGE INSPECTION REPORT



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Photo # 9. Influent flow meter located inside garage. Recently replaced.



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Photo # 10. chemical feed occurring. Dry aluminum sulfate, water, polymer mix. Applied to effluent entering clarifiers. Constant feed.

**SEWAGE INSPECTION REPORT**



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Photo # 11. Identified as liquid alum added into extended aeration. On timer dispersion.



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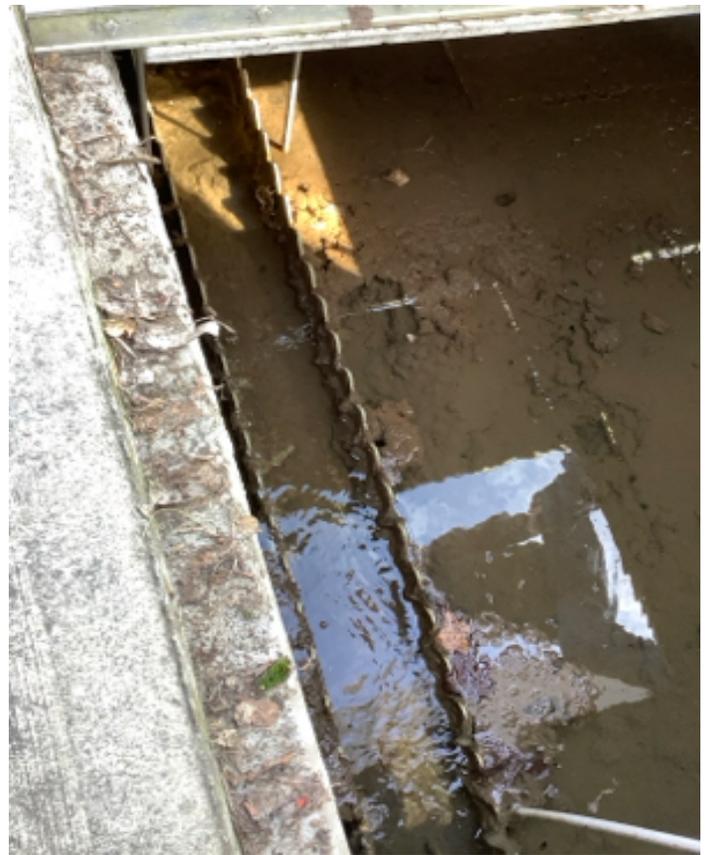
Photo # 12. Two tertiary fixed up-flow media filter tanks. View of internal pump controls. Used to pump effluent to EQ tank when filters are cleaned. Operator indicated cleaning every 2 to 3 weeks.

**SEWAGE INSPECTION REPORT**



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Photo # 13. View of inside up-flow filter media tank discharge weirs. Filter media panel appeared offset. Operator indicated to reset filter ASAP.



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Photo # 14. View of other filter media tank discharge weirs.

SEWAGE INSPECTION REPORT



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Photo # 15. Effluent entering CCT. Chlorine disinfection application occurring here.



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Photo # 16. View of exiting end of CCT. Liquid Sodium bisulfate application for dechlorination occurring.

SEWAGE INSPECTION REPORT



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Photo # 17. View of effluent sampling port after treatment. View of composite sampler tube and probe monitoring (pH, DO). View of field measurements taken.



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Photo # 18. View of TRC field measurement sample taken from sampling port. Effluent appeared clear.

**SEWAGE INSPECTION REPORT**



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Photo # 19. Effluent lift station. Discharge to outfall 001.  
Pumps operational. Alarms verified to be operational.



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Photo # 20. Auto dialer alarm system functioning.

**SEWAGE INSPECTION REPORT**



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Photo # 21. EQ tank.



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Photo # 22. Sludge Plate Press- operable condition.

SEWAGE INSPECTION REPORT



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Photo # 23. Plate press sludge holding tank.



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Photo # 24. Plate press dewatered sludge transferred to dumpster. Sludge dumpster located under cover.



## AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE REQUIREMENTS FOR NON-MUNICIPAL SEWAGE TREATMENT WORKS

**NPDES PERMIT NO: PA0037991**

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 *et seq.* ("the Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 *et seq.*,

**Mainlines, Manholes, and Wastewater Treatment, Inc.  
9208 Tannery Road  
Girard, PA 16417**

is authorized to discharge from a facility known as the **Imperial Point North MHP**, located on **U.S. Route 20, Girard, PA 16417**, in **Girard Township, Erie County**, to an **Unnamed Tributary to Lake Erie (CWF)** in Watershed **15-A** in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts A, B and C hereof.

**THIS PERMIT SHALL BECOME EFFECTIVE ON**     JUNE 1, 2021    

**THIS PERMIT SHALL EXPIRE AT MIDNIGHT ON**     MAY 31, 2026    

The authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application, its supporting documents and/or amendments and the terms and conditions of this permit, the terms and conditions shall apply.
2. Failure to comply with the terms, conditions or effluent limitations of this permit is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. (40 CFR 122.41(a))
3. A complete application for renewal of this permit, or notice of intent to cease discharging by the expiration date, must be submitted to DEP at least 180 days prior to the above expiration date (unless permission has been granted by DEP for submission at a later date), using the appropriate NPDES permit application form. (40 CFR 122.41(b), 122.21(d)(2))

In the event that a timely and complete application for renewal has been submitted and DEP is unable, through no fault of the permittee, to reissue the permit before the above expiration date, the terms and conditions of this permit, including submission of the Discharge Monitoring Reports (DMRs), will be automatically continued and will remain fully effective and enforceable against the discharger until DEP takes final action on the pending permit application. (25 Pa. Code §§ 92a.7(b), (c))

4. This NPDES permit does not constitute authorization to construct or make modifications to wastewater treatment facilities necessary to meet the terms and conditions of this permit.

**DATE PERMIT ISSUED**     May 4, 2021    

**ISSUED BY**     Eric C. Kicher      
**Eric C. Kicher**  
**Acting Environmental Program Manager**  
**Northwest Regional Office**

**PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS**

I. A. For Outfall 001, Latitude 42° 0' 33.00", Longitude 80° 18' 0.00", River Mile Index N/A, Stream Code N/A

Receiving Waters: Unnamed Tributary to Lake Erie (CWF)

Type of Effluent: Sewage Effluent

1. The permittee is authorized to discharge during the period from **Permit Effective Date** through **Permit Expiration Date**.
2. Based on the anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements and Footnotes).

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	1/week	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/day	Grab
Dissolved Oxygen	XXX	XXX	4.0 Inst Min	XXX	XXX	XXX	1/day	Grab
Total Residual Chlorine (TRC)	XXX	XXX	XXX	0.21	XXX	0.68	1/day	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5)	XXX	XXX	XXX	25.0	XXX	50	2/month	8-Hr Composite
Total Suspended Solids	XXX	XXX	XXX	30.0	XXX	60	2/month	8-Hr Composite
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	2/month	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	2/month	Grab
Total Nitrogen	XXX	XXX	XXX	Report Avg Qrtly	XXX	XXX	1/quarter	8-Hr Composite
Ammonia-Nitrogen Nov 1 - Apr 30	XXX	XXX	XXX	6.0	XXX	12	2/month	8-Hr Composite
Ammonia-Nitrogen May 1 - Oct 31	XXX	XXX	XXX	2.0	XXX	4	2/month	8-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> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Total Phosphorus	XXX	XXX	XXX	1.0	XXX	2	2/month	8-Hr Composite

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

at Outfall 001, after disinfection.

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**PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS  
(Continued)**

Additional Requirements

1. The permittee may not discharge:
  - a. Floating solids, scum, sheen or substances that result in observed deposits in the receiving water. (25 Pa Code § 92a.41(c))
  - b. Oil and grease in amounts that cause a film or sheen upon or discoloration of the waters of this Commonwealth or adjoining shoreline, or that exceed 15 mg/l as a daily average or 30 mg/l at any time (or lesser amounts if specified in this permit). (25 Pa. Code § 92a.47(a)(7), § 95.2(2))
  - c. Substances in concentration or amounts sufficient to be inimical or harmful to the water uses to be protected or to human, animal, plant or aquatic life. (25 Pa Code § 93.6(a))
  - d. Foam or substances that produce an observed change in the color, taste, odor or turbidity of the receiving water, unless those conditions are otherwise controlled through effluent limitations or other requirements in this permit. For the purpose of determining compliance with this condition, DEP will compare conditions in the receiving water upstream of the discharge to conditions in the receiving water approximately 100 feet downstream of the discharge to determine if there is an observable change in the receiving water. (25 Pa Code § 92a.41(c))
2. If the permit requires the reporting of average weekly statistical results, the maximum weekly average concentration and maximum weekly average mass loading shall be reported, regardless of whether the results are obtained for the same or different weeks.
3. The permittee shall monitor the sewage effluent discharge(s) for the effluent parameters identified in the Part A limitations table(s) during all bypass events at the facility, using the sample types that are specified in the limitations table(s). Where the required sample type is "composite", the permittee must commence sample collection within one hour of the start of the bypass, wherever possible. The results shall be reported on the Daily Effluent Monitoring supplemental form (3800-FM-BCW0435) and be incorporated into the calculations used to report self-monitoring data on Discharge Monitoring Reports (DMRs).

Footnotes

- (1) When sampling to determine compliance with mass effluent limitations, the discharge flow at the time of sampling must be measured and recorded.
- (2) This is the minimum number of sampling events required. Permittees are encouraged, and it may be advantageous in demonstrating compliance, to perform more than the minimum number of sampling events.

Supplemental Information

- (1) The effluent limitations for Outfall 001 were determined using an effluent discharge rate of 0.08 MGD.
- (2) Total Nitrogen is the sum of Total Kjeldahl-N (TKN) plus Nitrite-Nitrate as N ( $\text{NO}_2+\text{NO}_3\text{-N}$ ), where TKN and  $\text{NO}_2+\text{NO}_3\text{-N}$  are measured in the same sample.

## II. DEFINITIONS

*At Outfall (XXX)* means a sampling location in outfall line XXX below the last point at which wastes are added to outfall line (XXX), or where otherwise specified.

*Average* refers to the use of an arithmetic mean, unless otherwise specified in this permit. (40 CFR 122.41(l)(4)(iii))

*Best Management Practices (BMPs)* means schedules of activities, prohibitions of practices, maintenance procedures and other management practices to prevent or reduce the pollutant loading to surface waters of the Commonwealth. The term also includes treatment requirements, operating procedures and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage. The term includes activities, facilities, measures, planning or procedures used to minimize accelerated erosion and sedimentation and manage stormwater to protect, maintain, reclaim, and restore the quality of waters and the existing and designated uses of waters within this Commonwealth before, during and after earth disturbance activities. (25 Pa. Code § 92a.2)

*Bypass* means the intentional diversion of waste streams from any portion of a treatment facility. (40 CFR 122.41(m)(1)(i))

*Calendar Week* is defined as the seven consecutive days from Sunday through Saturday, unless the permittee has been given permission by DEP to provide weekly data as Monday through Friday based on showing excellent performance of the facility and a history of compliance. In cases when the week falls in two separate months, the month with the most days in that week shall be the month for reporting.

*Clean Water Act* means the Federal Water Pollution Control Act, as amended. (33 U.S.C.A. §§ 1251 to 1387).

*Composite Sample* (for all except GC/MS volatile organic analysis) means a combination of individual samples (at least eight for a 24-hour period or four for an 8-hour period) of at least 100 milliliters (mL) each obtained at spaced time intervals during the compositing period. The composite must be flow-proportional; either the volume of each individual sample is proportional to discharge flow rates, or the sampling interval is proportional to the flow rates over the time period used to produce the composite. (EPA Form 2C)

*Composite Sample* (for GC/MS volatile organic analysis) consists of at least four aliquots or grab samples collected during the sampling event (not necessarily flow proportioned). The samples must be combined in the laboratory immediately before analysis and then one analysis is performed. (EPA Form 2C)

*Daily Average Temperature* means the average of all temperature measurements made, or the mean value plot of the record of a continuous automated temperature recording instrument, either during a calendar day or during the operating day if flows are of a shorter duration.

*Daily Discharge* means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the day. (25 Pa. Code § 92a.2, 40 CFR 122.2)

*Daily Maximum Discharge Limitation* means the highest allowable "daily discharge."

*Discharge Monitoring Report (DMR)* means the DEP or EPA supplied form(s) for the reporting of self-monitoring results by the permittee. (25 Pa. Code § 92a.2, 40 CFR 122.2)

*Estimated Flow* means any method of liquid volume measurement based on a technical evaluation of the sources contributing to the discharge including, but not limited to, pump capabilities, water meters and batch discharge volumes.

*Geometric Mean* means the average of a set of n sample results given by the nth root of their product.

*Grab Sample* means an individual sample of at least 100 mL collected at a randomly selected time over a period not to exceed 15 minutes. (EPA Form 2C)

**Hazardous Substance** means any substance designated under 40 CFR Part 116 pursuant to Section 311 of the Clean Water Act. (40 CFR 122.2)

**Hauled-In Wastes** means any waste that is introduced into a treatment facility through any method other than a direct connection to the sewage collection system. The term includes wastes transported to and disposed of within the treatment facility or other entry points within the collection system.

**Immersion Stabilization** (i-s) means a calibrated device is immersed in the wastewater until the reading is stabilized.

**Instantaneous Maximum Effluent Limitation** means the highest allowable discharge of a concentration or mass of a substance at any one time as measured by a grab sample. (25 Pa. Code § 92a.2)

**Measured Flow** means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or for which a relationship to absolute volume has been obtained.

**Monthly Average Discharge Limitation** means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month. (25 Pa. Code § 92a.2)

**Municipal Waste** means garbage, refuse, industrial lunchroom or office waste and other material, including solid, liquid, semisolid or contained gaseous material resulting from operation of residential, municipal, commercial or institutional establishments and from community activities; and sludge not meeting the definition of residual or hazardous waste under this section from a municipal, commercial or institutional water supply treatment plant, waste water treatment plant or air pollution control facility. (25 Pa. Code § 271.1)

**Residual Waste** means garbage, refuse, other discarded material or other waste, including solid, liquid, semisolid or contained gaseous materials resulting from industrial, mining and agricultural operations and sludge from an industrial, mining or agricultural water supply treatment facility, wastewater treatment facility or air pollution control facility, if it is not hazardous. The term does not include coal refuse as defined in the Coal Refuse Disposal Control Act. The term does not include treatment sludges from coal mine drainage treatment plants, disposal of which is being carried on under and in compliance with a valid permit issued under the Clean Streams Law. (25 Pa Code § 287.1)

**Severe Property Damage** means substantial physical damage to property, damage to the treatment facilities that causes them to become inoperable, or substantial and permanent loss of natural resources that can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production. (40 CFR 122.41(m)(1)(ii))

**Stormwater** means the runoff from precipitation, snow melt runoff, and surface runoff and drainage. (25 Pa. Code § 92a.2)

**Stormwater Associated With Industrial Activity** means the discharge from any conveyance that is used for collecting and conveying stormwater and that is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant, and as defined at 40 CFR §122.26(b)(14)(i) - (ix) and (xi) and 25 Pa. Code § 92a.2.

**Total Dissolved Solids** means the total dissolved (filterable) solids as determined by use of the method specified in 40 CFR Part 136.

**Toxic Pollutant** means those pollutants, or combinations of pollutants, including disease-causing agents, which after discharge and upon exposure, ingestion, inhalation or assimilation into any organism, either directly from the environment or indirectly by ingestion through food chains may, on the basis of information available to DEP cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions, including malfunctions in reproduction, or physical deformations in these organisms or their offspring. (25 Pa. Code § 92a.2)

### III. SELF-MONITORING, REPORTING AND RECORDKEEPING

#### A. Representative Sampling

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity (40 CFR 122.41(j)(1)). Representative sampling includes the collection of samples, where possible, during periods of adverse weather, changes in treatment plant performance and changes in treatment plant loading. If possible, effluent samples must be collected where the effluent is well mixed near the center of the discharge conveyance and at the approximate mid-depth point, where the turbulence is at a maximum and the settlement of solids is minimized. (40 CFR 122.48, 25 Pa. Code § 92a.61)

2. Records Retention (40 CFR 122.41(j)(2))

Except for records of monitoring information required by this permit related to the permittee's sludge use and disposal activities which shall be retained for a period of at least 5 years, all records of monitoring activities and results (including all original strip chart recordings for continuous monitoring instrumentation and calibration and maintenance records), copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained by the permittee for 3 years from the date of the sample measurement, report or application. The 3-year period shall be extended as requested by DEP or the EPA Regional Administrator.

3. Recording of Results (40 CFR 122.41(j)(3))

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The exact place, date and time of sampling or measurements.
- b. The person(s) who performed the sampling or measurements.
- c. The date(s) the analyses were performed.
- d. The person(s) who performed the analyses.
- e. The analytical techniques or methods used; and the associated detection level.
- f. The results of such analyses.

4. Test Procedures

- a. Facilities that test or analyze environmental samples used to demonstrate compliance with this permit shall be in compliance with laboratory accreditation requirements of Act 90 of 2002 (27 Pa. C.S. §§ 4101-4113) and 25 Pa. Code Chapter 252, relating to environmental laboratory accreditation.
- b. Test procedures (methods) for the analysis of pollutants or pollutant parameters shall be those approved under 40 CFR Part 136 or required under 40 CFR Chapter I, Subchapters N or O, unless the method is specified in this permit or has been otherwise approved in writing by DEP. (40 CFR 122.41(j)(4), 122.44(i)(1)(iv))
- c. Test procedures (methods) for the analysis of pollutants or pollutant parameters shall be sufficiently sensitive. A method is sufficiently sensitive when 1) the method minimum level is at or below the level of the effluent limit established in the permit for the measured pollutant or pollutant parameter; or 2) the method has the lowest minimum level of the analytical methods approved under 40 CFR Part 136 or required under 40 CFR Chapter I, Subchapters N or O, for the measured pollutant or pollutant parameter; or 3) the method is specified in this permit or has been otherwise approved in writing by DEP for the measured pollutant or pollutant parameter. Permittees have the option of providing matrix or sample-specific minimum levels rather than the published levels. (40 CFR 122.44(i)(1)(iv))

5. Quality/Assurance/Control

In an effort to assure accurate self-monitoring analyses results:

- a. The permittee, or its designated laboratory, shall participate in the periodic scheduled quality assurance inspections conducted by DEP and EPA. (40 CFR 122.41(e), 122.41(i)(3))
- b. The permittee, or its designated laboratory, shall develop and implement a program to assure the quality and accurateness of the analyses performed to satisfy the requirements of this permit, in accordance with 40 CFR Part 136. (40 CFR 122.41(j)(4))

B. Reporting of Monitoring Results

1. The permittee shall effectively monitor the operation and efficiency of all wastewater treatment and control facilities, and the quantity and quality of the discharge(s) as specified in this permit. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.44, 92a.61(i) and 40 CFR §§ 122.41(e), 122.44(i)(1))
2. The permittee shall use DEP's electronic Discharge Monitoring Report (eDMR) system to report the results of compliance monitoring under this permit (see [www.dep.pa.gov/edmr](http://www.dep.pa.gov/edmr)). Permittees that are not using the eDMR system as of the effective date of this permit shall submit the necessary registration and trading partner agreement forms to DEP's Bureau of Clean Water (BCW) within 30 days of the effective date of this permit and begin using the eDMR system when notified by DEP BCW to do so. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.61(g) and 40 CFR § 122.41(l)(4))
3. Submission of a physical (paper) copy of a Discharge Monitoring Report (DMR) is acceptable under the following circumstances:
  - a. For a permittee that is not yet using the eDMR system, the permittee shall submit a physical copy of a DMR to the DEP regional office that issued the permit during the interim period between the submission of registration and trading partner agreement forms to DEP and DEP's notification to begin using the eDMR system.
  - b. For any permittee, as a contingency a physical DMR may be mailed to the DEP regional office that issued the permit if there are technological malfunction(s) that prevent the successful submission of a DMR through the eDMR system. In such situations, the permittee shall submit the DMR through the eDMR system within 5 days following remedy of the malfunction(s).
4. DMRs must be completed in accordance with DEP's published DMR instructions (3800-FM-BCW0463). DMRs must be received by DEP no later than 28 days following the end of the monitoring period. DMRs are based on calendar reporting periods and must be received by DEP in accordance with the following schedule:
  - Monthly DMRs must be received within 28 days following the end of each calendar month.
  - Quarterly DMRs must be received within 28 days following the end of each calendar quarter, i.e., January 28, April 28, July 28, and October 28.
  - Semiannual DMRs must be received within 28 days following the end of each calendar semiannual period, i.e., January 28 and July 28.
  - Annual DMRs must be received by January 28, unless Part C of this permit requires otherwise.
5. The permittee shall complete all Supplemental Reporting forms (Supplemental DMRs) attached to this permit, or an approved equivalent, and submit the signed, completed forms as attachments to the DMR, through DEP's eDMR system. DEP's Supplemental Laboratory Accreditation Form (3800-FM-BCW0189) must be completed and submitted to DEP with the first DMR following issuance of this permit, and anytime thereafter when changes to laboratories or methods occur. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.61(g) and 40 CFR § 122.41(l)(4))
6. The completed DMR Form shall be signed and certified by either of the following applicable persons, as defined in 25 Pa. Code § 92a.22:

- For a corporation - by a principal executive officer of at least the level of vice president, or an authorized representative, if the representative is responsible for the overall operation of the facility from which the discharge described in the NPDES form originates.
- For a partnership or sole proprietorship - by a general partner or the proprietor, respectively.
- For a municipality, state, federal or other public agency - by a principal executive officer or ranking elected official.

If signed by a person other than the above and for co-permittees, written notification of delegation of DMR signatory authority must be submitted to DEP in advance of or along with the relevant DMR form. (40 CFR § 122.22(b))

7. If the permittee monitors any pollutant at monitoring points as designated by this permit, using analytical methods described in Part A III.A.4. herein, more frequently than the permit requires, the results of this monitoring shall be incorporated, as appropriate, into the calculations used to report self-monitoring data on the DMR. (40 CFR 122.41(l)(4)(ii))

### C. Reporting Requirements

1. Planned Changes to Physical Facilities – The permittee shall give notice to DEP as soon as possible but no later than 30 days prior to planned physical alterations or additions to the permitted facility. A permit under 25 Pa. Code Chapter 91 may be required for these situations prior to implementing the planned changes. A permit application, or other written submission to DEP, can be used to satisfy the notification requirements of this section.

Notice is required when:

- a. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 CFR 122.29(b). (40 CFR 122.41(l)(1)(i))
  - b. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are not subject to effluent limitations in this permit. (40 CFR 122.41(l)(1)(ii))
  - c. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan. (40 CFR 122.41(l)(1)(iii))
  - d. The planned change may result in noncompliance with permit requirements. (40 CFR 122.41(l)(2))
2. Planned Changes to Waste Stream – Under the authority of 25 Pa. Code § 92a.24(a), the permittee shall provide notice to DEP as soon as possible but no later than 45 days prior to any planned changes in the volume or pollutant concentration of its influent waste stream as a result of indirect discharges or hauled-in wastes, as specified in paragraphs 2.a. and 2.b., below. Notice shall be provided on the "Planned Changes to Waste Stream" Supplemental Report (3800-FM-BCW0482), available on DEP's website. The permittee shall provide information on the quality and quantity of waste introduced into the facility, and any anticipated impact of the change on the quantity or quality of effluent to be discharged from the facility. The Report shall be sent via Certified Mail or other means to confirm DEP's receipt of the notification. DEP will determine if the submission of a new application and receipt of a new or amended permit is required.
    - a. Introduction of New Pollutants (25 Pa. Code § 92a.24(a))

New pollutants are defined as parameters that meet all of the following criteria:

- (i) Were not detected in the facilities' influent waste stream as reported in the permit application; and
- (ii) Have not been approved to be included in the permittee's influent waste stream by DEP in writing.

The permittee shall provide notification of the introduction of new pollutants in accordance with paragraph 2 above. The permittee may not authorize the introduction of new pollutants until the permittee receives DEP's written approval.

b. Increased Loading of Approved Pollutants (25 Pa. Code § 92a.24(a))

Approved pollutants are defined as parameters that meet one or more of the following criteria:

- (i) Were detected in the facilities' influent waste stream as reported in the permittee's permit application; or
- (ii) Have been approved to be included in the permittee's influent waste stream by DEP in writing; or
- (iii) Have an effluent limitation or monitoring requirement in this permit.

The permittee shall provide notification of the introduction of increased influent loading (lbs/day) of approved pollutants in accordance with paragraph 2 above when (1) the cumulative increase in influent loading (lbs/day) exceeds 20% of the maximum loading reported in the permit application, or a loading previously approved by DEP, or (2) may cause an exceedance in the effluent of Effluent Limitation Guidelines (ELGs) or limitations in Part A of this permit, or (3) may cause interference or pass through at the facility (as defined at 40 CFR 403.3), or (4) may cause exceedances of the applicable water quality standards in the receiving stream. Unless specified otherwise in this permit, if DEP does not respond to the notification within 30 days of its receipt, the permittee may proceed with the increase in loading. The acceptance of increased loading of approved pollutants may not result in an exceedance of ELGs or effluent limitations and may not cause exceedances of the applicable water quality standards in the receiving stream.

3. Reporting Requirements for Hauled-In Wastes

a. Receipt of Residual Waste

- (i) The permittee shall document the receipt of all hauled-in residual wastes (including but not limited to wastewater from oil and gas wells, food processing waste, and landfill leachate), as defined at 25 Pa. Code § 287.1, that are received for processing at the treatment facility. The permittee shall report hauled-in residual wastes on a monthly basis to DEP on the "Hauled In Residual Wastes" Supplemental Report (3800-FM-BCW0450) as an attachment to the DMR. If no residual wastes were received during a month, submission of the Supplemental Report is not required.

The following information is required by the Supplemental Report. The information used to develop the Report shall be retained by the permittee for five years from the date of receipt and must be made available to DEP or EPA upon request.

- (1) The dates that residual wastes were received.
- (2) The volume (gallons) of wastes received.
- (3) The license plate number of the vehicle transporting the waste to the treatment facility.
- (4) The permit number(s) of the well(s) where residual wastes were generated, if applicable.

- (5) The name and address of the generator of the residual wastes.
- (6) The type of wastewater.

The transporter of residual waste must maintain these and other records as part of the daily operational record (25 Pa. Code § 299.219). If the transporter is unable to provide this information or the permittee has not otherwise received the information from the generator, the residual wastes shall not be accepted by the permittee until such time as the permittee receives such information from the transporter or generator.

- (ii) The following conditions apply to the characterization of residual wastes received by the permittee:
  - (1) If the generator is required to complete a chemical analysis of residual wastes in accordance with 25 Pa. Code § 287.51, the permittee must receive and maintain on file a chemical analysis of the residual wastes it receives. The chemical analysis must conform to the Bureau of Waste Management's Form 26R except as noted in paragraph (2), below. Each load of residual waste received must be covered by a chemical analysis if the generator is required to complete it.
  - (2) For wastewater generated from hydraulic fracturing operations ("frac wastewater") within the first 30 production days of a well site, the chemical analysis may be a general frac wastewater characterization approved by DEP. Thereafter, the chemical analysis must be waste-specific and be reported on the Form 26R.

b. Receipt of Municipal Waste

- (i) The permittee shall document the receipt of all hauled-in municipal wastes (including but not limited to septage and liquid sewage sludge), as defined at 25 Pa. Code § 271.1, that are received for processing at the treatment facility. The permittee shall report hauled-in municipal wastes on a monthly basis to DEP on the "Hauled In Municipal Wastes" Supplemental Report (3800-FM-BCW0437) as an attachment to the DMR. If no municipal wastes were received during a month, submission of the Supplemental Report is not required.

The following information is required by the Supplemental Report:

- (1) The dates that municipal wastes were received.
  - (2) The volume (gallons) of wastes received.
  - (3) The BOD<sub>5</sub> concentration (mg/l) and load (lbs) for the wastes received.
  - (4) The location(s) where wastes were disposed of within the treatment facility.
- (ii) Sampling and analysis of hauled-in municipal wastes must be completed to characterize the organic strength of the wastes, unless composite sampling of influent wastewater is performed at a location downstream of the point of entry for the wastes.

4. Unanticipated Noncompliance or Potential Pollution Reporting

- a. Immediate Reporting - The permittee shall immediately report any incident causing or threatening pollution in accordance with the requirements of 25 Pa. Code §§ 91.33 and 92a.41(b).
- (i) If, because of an accident, other activity or incident a toxic substance or another substance which would endanger users downstream from the discharge, or would otherwise result in pollution or create a danger of pollution or would damage property, the permittee shall immediately notify DEP by telephone of the location and nature of the danger. Oral notification to the Department is required

as soon as possible, but no later than 4 hours after the permittee becomes aware of the incident causing or threatening pollution.

- (ii) If reasonably possible to do so, the permittee shall immediately notify downstream users of the waters of the Commonwealth to which the substance was discharged. Such notice shall include the location and nature of the danger.
  - (iii) The permittee shall immediately take or cause to be taken steps necessary to prevent injury to property and downstream users of the waters from pollution or a danger of pollution and, in addition, within 15 days from the incident, shall remove the residual substances contained thereon or therein from the ground and from the affected waters of this Commonwealth to the extent required by applicable law.
- b. The permittee shall report any noncompliance which may endanger health or the environment in accordance with the requirements of 40 CFR 122.41(l)(6). These requirements include the following obligations:
- (i) 24 Hour Reporting - The permittee shall orally report any noncompliance with this permit which may endanger health or the environment within 24 hours from the time the permittee becomes aware of the circumstances. The following shall be included as information which must be reported within 24 hours under this paragraph:
    - (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
    - (2) Any upset which exceeds any effluent limitation in the permit; and
    - (3) Violation of the maximum daily discharge limitation for any of the pollutants listed in the permit as being subject to the 24-hour reporting requirement. (40 CFR 122.44(g))
  - (ii) Written Report - A written submission shall also be provided within 5 days of the time the permittee becomes aware of any noncompliance which may endanger health or the environment. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
  - (iii) Waiver of Written Report - DEP may waive the written report on a case-by-case basis if the associated oral report has been received within 24 hours from the time the permittee becomes aware of the circumstances which may endanger health or the environment. Unless such a waiver is expressly granted by DEP, the permittee shall submit a written report in accordance with this paragraph. (40 CFR 122.41(l)(6)(iii))

#### 5. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under paragraph C.4 of this section or specific requirements of compliance schedules, at the time DMRs are submitted, on the Non-Compliance Reporting Form (3800-FM-BCW0440). The reports shall contain the information listed in paragraph C.4.b.(ii) of this section. (40 CFR 122.41(l)(7))

**PART B**

**I. MANAGEMENT REQUIREMENTS**

A. Compliance

1. The permittee shall comply with all conditions of this permit. If a compliance schedule has been established in this permit, the permittee shall achieve compliance with the terms and conditions of this permit within the time frames specified in this permit. (40 CFR 122.41(a)(1))
2. The permittee shall submit reports of compliance or noncompliance, or progress reports as applicable, for any interim and final requirements contained in this permit. Such reports shall be submitted no later than 14 days following the applicable schedule date or compliance deadline. (25 Pa. Code § 92a.51(c), 40 CFR 122.47(a)(4))

B. Permit Modification, Termination, or Revocation and Reissuance

1. This permit may be modified, terminated, or revoked and reissued during its term in accordance with Title 25 Pa. Code § 92a.72 and 40 CFR 122.41(f).
2. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition. (40 CFR 122.41(f))
3. In the absence of DEP action to modify or revoke and reissue this permit, the permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time specified in the regulations that establish those standards or prohibitions. (40 CFR 122.41(a)(1))

C. Duty to Provide Information

1. The permittee shall furnish to DEP, within a reasonable time, any information which DEP may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. (40 CFR 122.41(h))
2. The permittee shall furnish to DEP, upon request, copies of records required to be kept by this permit. (40 CFR 122.41(h))
3. Other Information - Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to DEP, it shall promptly submit the correct and complete facts or information. (40 CFR 122.41(l)(8))
4. If the sewage treatment facility provides service in part or whole to a municipality, through a contract or agreement between the operator and municipality, an annual report shall be submitted to DEP by March 31 containing the following information, at a minimum:
  - a. The information identified in 25 Pa. Code § 94.12.
  - b. A "Solids Management Inventory" if specified in Part C of this permit.
  - c. The total volume of hauled-in residual and municipal wastes received during the year, by source.

D. General Pretreatment Requirements

Where pollutants contributed by indirect dischargers result in interference or pass through, and a violation is likely to recur, the permittee shall develop and enforce specific limits for indirect dischargers and other users, as appropriate, that together with appropriate facility or operational changes, are necessary to ensure

renewed or continued compliance with this permit or sludge use or disposal practices. The permittee shall submit a copy of such limits to DEP when developed. (25 Pa. Code § 92a.47(d))

E. Proper Operation and Maintenance

1. The permittee shall employ operators certified in compliance with the Water and Wastewater Systems Operators Certification Act (63 P.S. §§ 1001-1015.1).
2. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes, but is not limited to, adequate laboratory controls including appropriate quality assurance procedures. This provision also includes the operation of backup or auxiliary facilities or similar systems that are installed by the permittee, only when necessary to achieve compliance with the terms and conditions of this permit. (40 CFR 122.41(e))

F. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge, sludge use or disposal in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment. (40 CFR 122.41(d))

G. Bypassing

1. Bypassing Not Exceeding Permit Limitations - The permittee may allow a bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions in paragraphs two, three and four of this section. (40 CFR 122.41(m)(2))
2. Other Bypassing - In all other situations, bypassing is prohibited and DEP may take enforcement action against the permittee for bypass unless:
  - a. A bypass is unavoidable to prevent loss of life, personal injury or "severe property damage." (40 CFR 122.41(m)(4)(i)(A))
  - b. There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance. (40 CFR 122.41(m)(4)(i)(B))
  - c. The permittee submitted the necessary notice required in G.4.a. and b. below. (40 CFR 122.41(m)(4)(i)(C))
3. DEP may approve an anticipated bypass, after considering its adverse effects, if DEP determines that it will meet the conditions listed in G.2. above. (40 CFR 122.41(m)(4)(ii))
4. Notice
  - a. Anticipated Bypass – If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible, at least 10 days before the bypass. (40 CFR 122.41(m)(3)(i))
  - b. Unanticipated Bypass – The permittee shall submit oral notice of any other unanticipated bypass within 24 hours, regardless of whether the bypass may endanger health or the environment or whether the bypass exceeds effluent limitations. The notice shall be in accordance with Part A III.C.4.b.

#### H. Sanitary Sewer Overflows (SSOs)

An SSO is an overflow of wastewater, or other untreated discharge from a separate sanitary sewer system (which is not a combined sewer system), which results from a flow in excess of the carrying capacity of the system or from some other cause prior to reaching the headworks of the sewage treatment facility. SSOs are not authorized under this permit. The permittee shall immediately report any SSO to DEP in accordance with Part A III.C.4 of this permit.

#### I. Termination of Permit Coverage (25 Pa. Code § 92a.74 and 40 CFR 122.64)

1. Notice of Termination (NOT) – If the permittee plans to cease operations or will otherwise no longer require coverage under this permit, the permittee shall submit DEP's NPDES Notice of Termination (NOT) for Permits Issued Under Chapter 92a (3800-BCW-0410), signed in accordance with Part A III.B.6 of this permit, at least 30 days prior to cessation of operations or the date by which coverage is no longer required.
2. Where the permittee plans to cease operations, NOTs must be accompanied with an operation closure plan that identifies how tankage and equipment will be decommissioned and how pollutants will be managed, as applicable.
3. The permittee shall submit the NOT to the DEP regional office with jurisdiction over the county in which the facility is located.

## II. PENALTIES AND LIABILITY

#### A. Violations of Permit Conditions

Any person violating Sections 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act or any permit condition or limitation implementing such sections in a permit issued under Section 402 of the Act is subject to civil, administrative and/or criminal penalties as set forth in 40 CFR §122.41(a)(2).

Any person or municipality, who violates any provision of this permit; any rule, regulation or order of DEP; or any condition or limitation of any permit issued pursuant to the Clean Streams Law, is subject to criminal and/or civil penalties as set forth in Sections 602, 603 and 605 of the Clean Streams Law.

#### B. Falsifying Information

Any person who does any of the following:

- Falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit, or
- Knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit (including monitoring reports or reports of compliance or noncompliance)

Shall, upon conviction, be punished by a fine and/or imprisonment as set forth in 18 Pa.C.S.A § 4904 and 40 CFR 122.41(j)(5) and (k)(2).

#### C. Liability

Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance pursuant to Section 309 of the Clean Water Act or Sections 602, 603 or 605 of the Clean Streams Law.

Nothing in this permit shall be construed to preclude the institution of any legal action or to relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject to under the Clean Water Act and the Clean Streams Law.

D. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. (40 CFR 122.41(c))

**III. OTHER RESPONSIBILITIES**

A. Right of Entry

Pursuant to Sections 5(b) and 305 of Pennsylvania's Clean Streams Law, and Title 25 Pa. Code Chapter 92a and 40 CFR 122.41(i), the permittee shall allow authorized representatives of DEP and EPA, upon the presentation of credentials and other documents as may be required by law:

1. To enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit; (40 CFR 122.41(i)(1))
2. To have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit; (40 CFR 122.41(i)(2))
3. To inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under this permit; and (40 CFR 122.41(i)(3))
4. To sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act or the Clean Streams Law, any substances or parameters at any location. (40 CFR 122.41(i)(4))

B. Transfer of Permits

1. Transfers by modification. Except as provided in paragraph 2 of this section, a permit may be transferred by the permittee to a new owner or operator only if this permit has been modified or revoked and reissued, or a minor modification made to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act. (40 CFR 122.61(a))
2. Automatic transfers. As an alternative to transfers under paragraph 1 of this section, any NPDES permit may be automatically transferred to a new permittee if:
  - a. The current permittee notifies DEP at least 30 days in advance of the proposed transfer date in paragraph 2.b. of this section; (40 CFR 122.61(b)(1))
  - b. The notice includes the appropriate DEP transfer form signed by the existing and new permittees containing a specific date for transfer of permit responsibility, coverage and liability between them; and (40 CFR 122.61(b)(2))
  - c. DEP does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue this permit, the transfer is effective on the date specified in the agreement mentioned in paragraph 2.b. of this section. (40 CFR 122.61(b)(3))
  - d. The new permittee is in compliance with existing DEP issued permits, regulations, orders and schedules of compliance, or has demonstrated that any noncompliance with the existing permits has been resolved by an appropriate compliance action or by the terms and conditions of the permit (including compliance schedules set forth in the permit), consistent with 25 Pa. Code § 92a.51 (relating to schedules of compliance) and other appropriate DEP regulations. (25 Pa. Code § 92a.71)
3. In the event DEP does not approve transfer of this permit, the new owner or operator must submit a new permit application.

C. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege. (40 CFR 122.41(g))

D. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for a new permit. (40 CFR 122.41(b))

E. Other Laws

The issuance of this permit does not authorize any injury to persons or property or invasion of other private rights, or any infringement of state or local law or regulations.

IV. ANNUAL FEE

Permittees shall pay an annual fee in accordance with 25 Pa. Code § 92a.62. Annual fee amounts are specified in the following schedule and are due on each anniversary of the effective date of the most recent new or reissued permit. All flows identified in the schedule are annual average design flows. (25 Pa. Code § 92a.62)

Small Flow Treatment Facility (SRSTP or SFTF)	\$0
Minor Sewage Facility < 0.05 MGD (million gallons per day)	\$250
Minor Sewage Facility ≥ 0.05 and < 1 MGD	\$500
Minor Sewage Facility with CSO (Combined Sewer Overflow)	\$750
Major Sewage Facility ≥ 1 and < 5 MGD	\$1,250
Major Sewage Facility ≥ 5 MGD	\$2,500
Major Sewage Facility with CSO	\$5,000

As of the effective date of this permit, the facility covered by the permit is classified in the following fee category:  
**Minor Sewage Facility ≥0.05 and <1 MGD.**

Invoices for annual fees will be mailed to permittees approximately three months prior to the due date. In the event that an invoice is not received, the permittee is nonetheless responsible for payment. Throughout a five year permit term, permittees will pay four annual fees followed by a permit renewal application fee in the last year of permit coverage. Permittees may contact the DEP at 717-787-6744 with questions related to annual fees. The fees identified above are subject to change in accordance with 25 Pa. Code § 92a.62(e).

Payment for annual fees shall be remitted to DEP at the address below by the anniversary date. Checks should be made payable to the Commonwealth of Pennsylvania.

PA Department of Environmental Protection  
Bureau of Clean Water  
Re: Chapter 92a Annual Fee  
P.O. Box 8466  
Harrisburg, PA 17105-8466

**PART C**

**I. OTHER REQUIREMENTS**

- A. No storm water from pavements, area ways, roofs, foundation drains or other sources shall be directly admitted to the sanitary sewers associated with the herein approved discharge.
- B. The approval herein given is specifically made contingent upon the permittee acquiring all necessary property rights by easement or otherwise, providing for the satisfactory construction, operation, maintenance or replacement of all sewers or sewerage structures associated with the herein approved discharge in, along, or across private property, with full rights of ingress, egress and regress.
- C. Collected screenings, slurries, sludges, and other solids shall be handled and disposed of in compliance with 25 Pa. Code, Chapters 75, and in a manner equivalent to the requirements indicated in Chapters 271, 273, 275, 283, and 285 (related to permits and requirements for landfilling, land application, incineration, and storage of sewage sludge), Federal Regulation 40 CFR 257, Pennsylvania Clean Streams Law, Pennsylvania Solid Waste Management Act of 1980, and the Federal Clean Water Act and its amendments. The permittee is responsible to obtain or assure that contracted agents have all necessary permits and approvals for the handling, storage, transport, and disposal of solid waste materials generated as a result of wastewater treatment.
- D. If, after the issuance of this permit, DEP approves a municipal sewage facilities official plan or an amendment to an official plan under Act 537 (Pennsylvania Sewage Facilities Act, the Act of January 24, 1966, P.L. 1535 as amended) in which sewage from the herein approved facilities will be treated and disposed of at other planned facilities, the permittee shall, upon notification from the municipality or DEP, provide for the conveyance of its sewage to the planned facilities, abandon use and decommission the herein approved facilities including the proper disposal of solids, and notify DEP accordingly. The permittee shall adhere to schedules in the approved official plan, amendments to the plan, or other agreements between the permittee and municipality. This permit shall then, upon notice from DEP, terminate and become null and void and shall be relinquished to DEP.
- E. The permittee shall optimize chlorine dosages used for disinfection or other purposes to minimize the concentration of Total Residual Chlorine (TRC) in the effluent, meet applicable effluent limitations, and reduce the possibility of adversely affecting the receiving waters. Optimization efforts may include an evaluation of wastewater characteristics, mixing characteristics, and contact times, adjustments to process controls, and maintenance of the disinfection facilities. If DEP determines that effluent TRC is causing adverse water quality impacts, DEP may reopen this permit to apply new or more stringent effluent limitations and/or require implementation of control measures or operational practices to eliminate such impacts.

Where the permittee does not use chlorine for primary or backup disinfection, but proposes the use of chlorine for cleaning or other purposes, the permittee shall notify DEP prior to initiating use of chlorine and monitor TRC concentrations in the effluent on each day in which chlorine is used. The results shall be submitted as an attachment to the DMR.

- F. The attention of the permittee is directed to the fact that effluent is discharged to a location with little or no assimilative capacity or dilution during critical periods. If the effluent creates a health hazard or nuisance, the permittee shall, upon notice from DEP, provide such additional treatment as may be required by DEP.

**II. SOLIDS MANAGEMENT**

- A. The permittee shall manage and properly dispose of sewage sludge and/or biosolids by performing sludge wasting that maintains an appropriate mass balance of solids within the treatment system. The wasting rate must be developed and implemented considering the specific treatment process type, system loadings, and seasonal variation while maintaining compliance with effluent limitations. Holding excess sludge within clarifiers or in the disinfection process is not permissible.
- B. The permittee shall submit the Supplemental Reports entitled, "Supplemental Report – Sewage Sludge/Biosolids Production and Disposal" (Form No. 3800-FM-BCW0438) and "Supplemental Report – Influent & Process Control" (Form No. 3800-FM-BCW0436), as attachments to the DMR on a monthly basis. When applicable, the permittee shall submit the Supplemental Reports entitled, "Supplemental Report – Hauled In Municipal Wastes" (Form No. 3800-FM-BCW0437) and "Supplemental Report – Hauled In Residual Wastes" (Form No. 3800-FM-BCW0450), as attachments to the DMR.

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*,  
of the right to begin to offer, render, furnish, and supply wastewater service to the public in  
portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.'S RESPONSES TO  
BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-22. Please provide Mainlines tentative journal entries, by plant account, for booking assets for each Mainlines Wastewater System in accordance with the National Association of Regulatory Utility Commissioners Uniform System of Accounts applicable to Mainlines.

**RESPONSE:** Mainlines is not currently utilizing NARUC Uniform System of Accounts.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*,  
of the right to begin to offer, render, furnish, and supply wastewater service to the public in  
portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.'S RESPONSES TO  
BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-27. 52 Pa. Code § 3.501(a)(4)(ii) requires Mainlines to notify its customers of the filing of the Application and the rates filed. Please provide evidence that Mainlines customers have received notice of Mainlines' proposed rates for service, including Waypoint Property Management, LLC.

**RESPONSE:** Customers were notified via publication, which was filed with the Commission.  
<https://www.puc.pa.gov/pcdocs/1849531.pdf>.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*,  
of the right to begin to offer, render, furnish, and supply wastewater service to the public in  
portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.'S RESPONSES TO  
BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-33. The Pro Forma Tariff, Section A specified a proposed wastewater service charge rate by  
EDU or by Large Consumer of \$119/EDU. However, the billing frequency (i.e., “per  
month”, “per quarter”, etc.) of this rate is unclear. Please provide a revised Pro Forma  
Tariff that specifies the proposed billing frequency of the \$119/EDU rate.

**RESPONSE:** The billing frequency of the wastewater service charge is \$119 per quarter.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*, of the right to begin to offer, render, furnish, and supply wastewater service to the public in portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.'S RESPONSES TO BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-38. In the Application's Section 19, Mainlines stated that the National Pollutant Discharge Elimination System (NPDES) permit held by Girard was transferred to and is directly held by Mainlines. Please provide a copy of each application for NPDES and/or water quality management (WQM) permit that was submitted to DEP for each Mainlines Wastewater System, along with DEP's approval letter and permit, including NPDES Permit Nos. PA0031461 and PA0037991 and WQM Permit Nos. 2501427, 2501427 T-1, 2503424, 2571411, 2587414, and 2592409. Please note that the copy of NPDES Permit No. PA0037991 included in the Application is incomplete and is missing even numbered pages.

**RESPONSE:** Copies of all NPDES and WQM permit materials currently in Mainlines' possession, including Pennsylvania Bulletin notices, are attached. These documents correspond to the permit numbers identified in the request. Mainlines will supplement this response if additional materials are located.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025



# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NORTHWEST REGIONAL OFFICE

August 3, 2010

Mr. Gerald D. Weaver, President  
Mainlines, Manholes, and Wastewater Treatment, Inc.  
9214 Tannery Road  
Girard, PA 16417

Re: Acceptance/Administrative Completeness Letter  
Imperial Point North MHP  
WQM Amendment Application No. 2571411  
Girard Township, Erie County

Dear Mr. Weaver:

On July 26, 2010, the Department of Environmental Protection (DEP) received the above-referenced application. We have determined that the application contains the necessary documents and is administratively complete.

The administrative completeness review is the first in a series of reviews conducted by DEP. To help you better understand the application review process, a brief explanation of the permit application review process and approximate times are outlined on the enclosed Permit Application Review Process Fact Sheet.

Your permit application is eligible for DEP's Money-Back Guarantee Program. The program establishes that your WQM Amendment Permit application must be acted on within 120 days or the application fee will be returned. The program is explained in more detail on the enclosed Fact Sheet.

I hope you find this information helpful in understanding the application review process. If you have additional questions about your application, please contact me at the telephone number listed below and refer to WQM Application No. 2571411.

Sincerely,

Ruth Steel  
Permits Clerk  
Water Management

Enclosures

cc: Chad W. Yuriscic, E.I.T.  
DEP Engineer  
Monitoring & Compliance Specialists  
File



## DEP MONEY-BACK GUARANTEE PERMIT REVIEW PROGRAM

### Introduction

The purpose of the DEP Money-Back Guarantee Permit Review Program is to demonstrate DEP's commitment to providing timely permit decisions without sacrificing public review. It also recognizes the responsibility of the applicant to provide DEP with a complete application that meets agency requirements. Applicants who fail to get an answer from DEP within the deadline will automatically have their permit application processing fees returned.

The DEP Permit Review Process is a standardized process that is followed by all DEP permitting programs. The process encourages quality submissions by applicants and is the basis for the DEP Money-Back Guarantee Permit Review Program. The permit review process includes four key decision points:

- 1) Is the application administratively complete;
- 2) Is the application technically complete;
- 3) Is the application technically sound; and
- 4) Should the permit be issued?

### Permit Coordination

Permit applications are sent to various regulatory programs within DEP for a preliminary review to determine if other permits are required for the proposed activity. If it appears other permits are necessary, DEP will send the applicant applications for those regulated activities. DEP's Assistant Regional Directors (ARD) are responsible for coordination of the permit application reviews. It is highly recommended that permit applicants schedule pre-application conferences with the appropriate regional ARDs if their proposed projects may require permits from multiple DEP programs.

DEP Region	ARD	Phone
Southeast	John Kennedy	484-250-5940
Northeast	Gary Greenfield	570-826-2511
Southcentral	Lynn Langer	717-705-4929
Northcentral	Mike Welch	570-327-3320
Southwest	Ron Schwartz	412-442-4181
Northwest	James Rozakis	814-332-6816

### Administrative Review

Administrative reviews vary slightly by program, but generally include checking for the appropriate signatures, filing fees, notarizations, maps and application forms. The purpose of the administrative completeness review is to determine whether the applicant provided the required forms, fees and signatures. DEP will not, at this time, evaluate the quality or content of the information. Administrative reviews are generally conducted within 20 days of the receipt of the application.

If an application is administratively deficient, DEP will notify the applicant by phone or letter. DEP will provide a reasonable time frame in which to submit the required information. If the information is not submitted within that time frame, DEP will return the application to the applicant without action.

When an application is determined to be administratively complete, DEP will accept it and will initiate the technical review. Applicants are notified by letter that their application has been accepted. The acceptance letter will include the name and contact information of the person to whom the application has been assigned for review.

### Technical Review

Technical reviews begin once an application is deemed administratively complete and are performed by one or more of DEP's professional staff. The technical review includes an analysis of the proposal for potentially adverse environmental impacts; completeness, clarity and soundness of engineering proposals; conformity with



**NPDES COMPLIANCE INSPECTION REPORT**  
**Section A: National Data System Coding**

NPDES		Mo. / Day / Yr.		Inspection Type		Inspection ID No.			
P	A	0	0	3	7	9	9		
0	0	3	7	9	9	1			
0	7	1	4	0	9				
R		T		N		C			
Primary Facility Name		Municipal Authority or Operating Authority							
Imperial Point WWTP									
Location of Facility						Permit Expiration Date			
Route 20 Girard PA						Expired			
Municipality			County			Permit Renewal Application Due			
Girard Twp.			Eric			N/A			
Primary Facility Kind									
<input checked="" type="checkbox"/> Sewage <input type="checkbox"/> Industrial Waste <input type="checkbox"/> Stormwater <input type="checkbox"/> Other									
Responsible Person				Operator in Responsible Charge					
Girard Twp Board of Supervisors				Julio Pazmino					
Title		Certificate Number		Class & Subclasses		Client ID Number			
		T4046		A-E 1-4		196655			
Address				Address					
34 Main St. West				PO Box 927					
Girard PA 16417									
Business Phone Number		FAX Number		Business Phone Number		Cell Phone Number			
						814-434-8763			
E-mail Address				E-mail Address					
<b>VIOLATIONS:</b>									
<input type="checkbox"/> Yes <input type="checkbox"/> Samples have been collected by the Department, violations may be revealed upon receipt of the analysis.									
Routine inspection conducted by Ron Salisbury (ECOH), Neil Bullock (DEP), Christina Nezy (DEP), and Julio Pazmino (operator). Weather is clear and sunny. Girard had moderate rain fall 72 hours ago but generally dry the last 48 hours. Pictures and samples were taken and will be include in this report. Build up of grease was present at the head works of the plant, believe to be caused by lack of grease trap at chinese restaurant in the plaza.									
Name of Person Interviewed			Date		Name of Inspector			Date	
Julio Pazmino			7/14/09		Ron T. Salisbury			7/14/09	
Signature of Person Interviewed			Phone Number		Signature of Inspector			Phone Number	
[Signature]					Ron T. Salisbury			814-451-6776	
Title					Title				
Operator					EPS II				
This document is official notification that a representative of the Department of Environmental Protection inspected the above facility or site. The findings of this inspection are shown above and on any attached pages. Any violations which were uncovered during the inspection are indicated. Violations may also be discovered upon examination of the results of laboratory analyses of the discharge and review of Department records. Notification will be forthcoming, if such violations are noted.									



## NPDES COMPLIANCE INSPECTION REPORT

### Additional Comments

Solids were also present at the surface of the chlorine contact tank. Sludge blanket in the clarifier was  $\approx 36"$  from the surface of the tank. Aeration tank was a rusty brown color and was estimated to have a mixed liquor SS of  $\sim 4000 - 6000$  mg/L. Half of the aeration delugers were replaced in the last two months. They continuously feed polymer into primary clarifier. The last add polymer to the feed tank at 6PM on the 13<sup>th</sup> and he thinks this is why the sludge blanket is up. A thin layer of scum is present on the primary clarifier, this is caused by the operator not running the skimmer to allow them to remove the grease build up and haul it away for disposal. The solids in the chlorine contact were black and floating. Operator ran the pump for the chlorine contact tank and the fluid removed was dark but cleared quickly. This shows that there was sludge present in the tank. The press was off but normally runs 24/7. The press was off due to the construction of a containment wall which the seams need to be sealed before it is brought back on line in the next couple days. They are hauling 3800 gals at least once a week. The fluid being hauled ~~is~~ had a <sup>solids</sup> of 2.8 mg/L. Last time the sludge was tested.

~~Inf.~~ Sampling is done by a 24 hour composite not flow proportioned, once a month. Operator said influent has a high BOD and the grease is an indicator of this high BOD. Influent flow was between .043 - .057 MGD with a ~~the~~ flow ranged between .40 - .54 MGD for the last 5 days. The operator renewed his license and was informed that he should keep a copy of the license at the treatment plant.

Sample of influent and effluent were taken. Flow for at time of inspection was around  $\approx 40,000$  gallon per day. Out fall and receiving stream will be observed after this inspection and any finding will be followed up with the operator when copy of pictures and sample results are sent out.

CHLORINE Contact Chamber 7/14/09



**CORPORATE RESOLUTION**

The undersigned, being all the members of the Board of Directors of Mainline, Manholes and Waste Water Treatment, Inc., a Pennsylvania Corporation, do hereby consent to the adoption and approval of the following resolutions in lieu of a meeting of the said Board of Directors:

RESOLVED, that Mainline, Manholes and Waste Water Treatment, Inc., does this date hereby appoint Don Weaver, Kyle Luciano and Christopher Luciano as the Board of Directors of Mainline, Manholes and Waste Water Treatment, Inc.

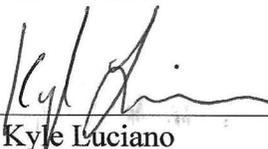
RESOLVED, that Paul Luciano is thanked for his participation on the Board of Directors and the Board of Directors approves his request to resign from the Board of Directors and Treasurer of said company; and

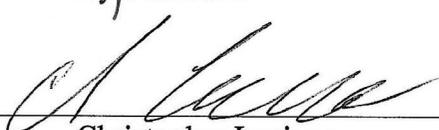
RESOLVED, that the President and Secretary of the company are hereby directed to prepare a Corporate Resolution appointing Don Weaver, Kyle Luciano and Christopher Luciano as the Board of Directors and accepting the resignation of Paul Luciano.

Executed this \_\_\_ day of February, 2012, at Erie, Pennsylvania.

  
\_\_\_\_\_  
Gerald Don Weaver, a/k/a Don Weaver

  
\_\_\_\_\_  
Paul Luciano

  
\_\_\_\_\_  
Kyle Luciano

  
\_\_\_\_\_  
Christopher Luciano

**dh** Deiss & Halmi Engineering, Inc.  
ENVIRONMENTAL AND CIVIL ENGINEERING

105 Meadville Street, Edinboro PA 16412

Ph. 814.734.3640 Fax 814.734.3643

April 28, 2010

Mr. Don Weaver  
Speciale Properties  
9214 Tannery Road  
Girard, PA 16417  
And  
Mr. Paul Luciano  
7950 Palmer Drive  
Fairview, PA 16415

Re: Imperial Point NPDES and WQM Permits  
Girard Township, Erie County

Gentlemen,

Don asked me to comment on the NPDES and WQM permits that will be issued in the name of Mainlines, Manholes & Wastewater Treatment, Inc.

The NPDES permit application was submitted to DEP by letter dated February 26, 2009 with the applicant named as Imperial Point Mobile Home Park. The application was accepted by DEP as administratively complete on March 24, 2009. Through subsequent conversations, DEP was informed that the applicant would be Mainlines, Manholes & Wastewater Treatment, Inc. On February 2, 2010, DEP issued a draft NPDES permit to Mainlines, Manholes & Wastewater Treatment, Inc. A revised permit application showing the name Mainlines, Manholes & Wastewater Treatment, Inc. was mailed to DEP on April 26, 2010. The WQM (Water Quality Management) permit transfer forms were also mailed to DEP on April 26, 2010. DEP is expected to issue the final NPDES permit and WQM transfers in the near future.

The NPDES permit authorizes the discharge to the receiving stream. It is noted that the receiving stream is an unnamed tributary to Lake Erie, which is NOT a special protection watershed. (Godfrey Run is a special protection watershed, but DEP determined that Imperial Point does not discharge to Godfrey Run). The NPDES permit will expire in five years, and it will be the permittee's responsibility to apply for a renewal at least 180 days prior to the expiration date. DEP usually sends a reminder to apply for renewal, but failure to receive a reminder from DEP is not an excuse.

The NPDES permit requires self monitoring of the discharge. The permit spells out monitoring, recordkeeping, and reporting requirements. Reporting is done monthly on DEP's discharge monitoring reports (DMRs). These procedures are the same as what Julio Pazmino has been doing for years. On February 22, 2010, we sent Don and Julio an email highlighting the differences between the old permit and the new draft. A copy of that email is attached. Don and Julio agreed that the differences were not significant and that the new limits would not be technically difficult to meet.

Mr. Don Weaver  
Mr. Paul Luciano  
April 28, 2010  
Page 2

The NPDES permit also spells out management requirements, including providing timely notices to DEP, employing a certified operator, proper operation and maintenance; penalties and liability, and other responsibilities. These permit requirements are all typical and appear to be "boilerplate" language. Your attention is drawn to one of the permit requirements which says "if the effluent ceases to be satisfactory or the sewerage facilities shall have created a public nuisance" then the right to discharge is revoked unless remedial measures are taken, which may include modifications to the plant. This gives DEP broad powers, but it is fairly standard language in all NPDES permits.

The WQM permits approve the construction and operation of facilities. There is no expiration on WQM permits. We do not have copies of the actual WQM permits to be transferred, so we do not have any comments specific to the WQM permits issued for the Imperial Point plant. There are a number of standard conditions associated with WQM permits, and sometimes there are special conditions. One such standard condition is that if the facilities cause a public nuisance, the DEP can require remedial measures to be taken. Another such standard condition is that the permitted facilities may operate "until such time as facilities for conveyance and treatment at a more suitable location are installed and capable of receiving and treating the permittee's sewage. Such facilities must be in accordance with the applicable [Act 537] municipal official plan...When such facilities become available, the permittee shall provide for the conveyance of the sewage to these sewerage facilities..." In other words, should Girard Township construct and make available an alternate sewer system, the Imperial Point plant may have to be abandoned. However, the WQM permit does not specify how the Township would pass on the cost of such facilities.

Please feel free to contact me if you have any questions or if you desire any further review of these permits.

Very truly yours,  
DEISS & HALMI ENGINEERING, INC.



Steven R. Halmi, P.E.

Encl.

cc: Ritchie Marsh (w/encl.)

**From:** Steve Halmi (shalmi@deisshalmi.com)  
**To:** dweaver@plucianobuilders.com; juliopaz@adelphia.net;  
**Date:** Mon, February 22, 2010 2:06:30 PM  
**Cc:** cstorrrar@deisshalmi.com;  
**Subject:** Imperial Point Draft NPDES Permit

Don and Julio,

We have reviewed the draft NPDES permit, dated February 2, 2010 for the Imperial Point wastewater treatment plant. Based on the limits shown on your current DMRs there are a few technical changes to note in the draft permit:

1. The following permit limits are different in the draft permit:
  - a. Phosphorus now has an Instantaneous Maximum value of 2.0 mg/l, compared to the existing permit which does not include a maximum concentration for phosphorus. The average monthly limit for phosphorus is still 1.0 mg/l.
  - b. The fecal coliform concentration has been reduced from 2,300 to 2,000 cfu/100 ml for the months of October through April. This is not unexpected as the DEP is changing this limit statewide.
  - c. The chlorine residual has been reduced from an average of 0.26 mg/l to 0.24 mg/l, and an Instantaneous Maximum value of 0.57 mg/l has been added.
2. The draft permit uses the term "Instantaneous Maximum" as opposed to "Maximum" that is used on the current DMRs for the effluent limitations. The "Instantaneous Maximum" is defined as the highest concentration of a substance at any one time as measured by a grab sample. This is compared to the current DMRs in which the term maximum refers to the maximum value recorded during sampling for that month.
3. The draft permit does not include mass limits for any of the constituents. However, we expect that DEP will include mass limits, based on the hydraulic rating of the plant, in the final permit.

In general, we do not see any significant problem with any of these changes. If you take no action, I would expect DEP to issue a final permit in the name of Mainlines, Manholes, and Wastewater Treatment, Inc. within the next month or two.

Please let us know if you have any questions.



**Deiss & Halmi Engineering, Inc.**  
ENVIRONMENTAL AND CIVIL ENGINEERING

105 Meadville Street, Edinboro PA 16412

Ph. 814.734.3640 Fax 814.734.3643

**LETTER OF TRANSMITTAL**

April 26, 2010

To: Mr. David Balog, P.E.  
Permits Chief, Water Management  
PA Dept. of Environmental Protection  
230 Chestnut Street  
Meadville, PA 16335

Project: Imperial Point  
Girard Township, Erie County

The following is being transmitted:

---

<u>Qty.</u>	<u>Date</u>	<u>Pages</u>	<u>Description</u>
1	4/15/2010	5	Permit Transfer for Imperial Point Wastewater Co.
1	4/15/2010	5	Permit Transfer for Girard Township
1	<del>9/25/2009</del> 4/27/2010	7+	GIF for Mainlines, Manholes, & Wastewater Treatment, Inc.
1	9/25/2009	4	NPDES for Mainlines, Manholes & Wastewater Treatment, Inc.

---

Comments:

Steven Halmi /cm  
Steven R. Halmi, P.E.

SRH/cm

cc: D. Weaver (w/ encl.)

Application



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

APPLICATION FOR NPDES OR WQM  
PERMIT TRANSFER

Before completing this form, read the step-by-step instructions provided in this application package.

<b>Related ID#s (If Known)</b> Client ID# _____ Site ID# _____ Facility ID# _____		<b>DEP USE ONLY</b> APS ID# _____ Auth ID# _____	<b>DEP USE ONLY</b> Date Received & General Notes
--	--	--	--

**PRESENT PERMITTEE INFORMATION**

DEP Client ID#	Client Type/Code		
Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Dun & Bradstreet ID#	
Imperial Point Wastewater Co.			
Individual Last Name	First Name	MI	Suffix SSN
Additional Individual Last Name	First Name	MI	Suffix SSN
Mailing Address Line 1	Mailing Address Line 2		
P.O. Box 927			
Address Last Line - City	State	ZIP+4	Country
Fairview	PA	16415	
Client Contact Last Name	First Name	MI	Suffix
Wurst	David	H	
Client Contact Title	Phone	Ext	
President	(814) 774-2184		
E-mail Address	FAX		
	(814) 774-3939		

**SITE INFORMATION**

DEP Site ID#	Site Name		
	Imperial Point Wastewater Treatment Plant		
EPA ID#	Estimated Number of Employees to be Present at Site	1	
Description of Site	Wastewater Treatment Plant		
County Name	Municipality	City	Boro Twp
Erie	Girard	<input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>
County Name	Municipality	City	Boro Twp
		<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Site Location Line 1	Site Location Line 2		
Imperial Parkway			
Site Location Last Line - City	State	ZIP+4	
Girard	PA	16417	
Detailed Written Directions to Site	From the intersection of PA Rt. 18 and U.S. Rt. 20 in Girard, proceed east on U.S. Rt. 20 1.2 miles to Imperial Parkway. Turn right, proceed south on Imperial Parkway to the first driveway on the left, which is the plant entrance.		
Site Contact Last Name	First Name	MI	Suffix
Wurst	David	H	

## Application

Site Contact Title

President

Site Contact Firm

Imperial Point Wastewater Co.

Mailing Address Line 1

P.O. Box 927

Mailing Address Line 2

Address Last Line - City

Fairview

State

PA

ZIP+4

16415

Phone

(814) 774-2184

Ext

FAX

(814) 774-3939

E-mail Address

NAICS Codes (Two- &amp; Three-Digit Codes - List All That Apply)

531

6-Digit Code (Optional)

Site-to-Client Relationship

OWNOP

## FACILITY INFORMATION

Facility Name (if applicable)

Imperial Point Wastewater Treatment Plant

Existing Permits. Identify all NPDES and WQM permits for this facility. (Attach a copy of these permits).

Permit Type	Permit#	Date Issued
WQM (for sludge press)	2503424	11/14/2003

Facility Description. Provide a brief description of the facility.

80,000 GPD extended aeration WWTP

Attached is a map or sketch indicating the point of discharge at the facility.



Yes



No

Attached is a facility location &amp; drainage map.



Yes



No

USGS Quadrangle Name Fairview, PA

Latitude/Longitude Point of Origin	Latitude			Longitude		
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
Center of Facility	42	00	32	80	18	00
Horizontal Accuracy Measure	Feet	100	--or--	Meters		
Horizontal Reference Datum Code	<input checked="" type="checkbox"/>	North American Datum of 1983		<input type="checkbox"/>	World Geodetic System of 1984	
Horizontal Collection Method Code	GISDR					
Reference Point Code	CNTER					
Altitude	Feet	780	--or--	Meters		
Altitude Datum Name	<input type="checkbox"/>	The North American Vertical Datum of 1988 (NAVD88)				NGVD29
Altitude (Vertical) Location Datum Collection Method Code	TOPO					
Geometric Type Code	POINT					
Data Collection Date	14 April 2010					
Source Map Scale Number		1	Inch(es)	=	2,000	Feet
	--or--		Centimeter(s)	=		Meters

### COMPLIANCE HISTORY REVIEW

Is the facility owner or operator in violation of any DEP regulation, permit, order or schedule of compliance at this or any other facility?  Yes  No

If "Yes," list each permit, order and schedule and provide compliance status. Use additional sheets to provide information on all permits.

Permit Program Permit No.

Brief Description of Noncompliance

Steps Taken to Achieve Compliance	Date(s) Compliance Achieved

Current Compliance Status  In Compliance  In Noncompliance

If the owner or operator is not in compliance with any permit requirement of DEP regulations, provide narrative description of how the owner or operator will achieve compliance with the permit requirement, including the schedule for achieving compliance with appropriate milestones.

### CERTIFICATION

I, (Name) being duly sworn according to law depose and say that I

am the applicant

am an officer or official of the applicant

have the authority to make this application (attach delegation of signatory authority)

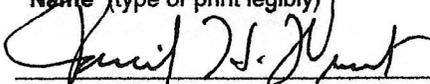
named above as the present permittee, that said permittee relinquishes all right, title and interest in said permit, and that the information included in the foregoing application and the statement of liability for permit violations below is true to the best of my knowledge and belief.

David H. Wurst

President

Name (type or print legibly)

Official Title



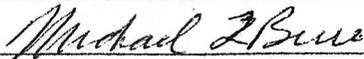
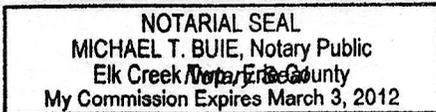
4-15-10

Signature

Date

(Use corporate or professional seal as appropriate.)

Taken, sworn, and subscribed before me, this 15 day of April, 2010



Application

**PROPOSED PERMITTEE INFORMATION**

DEP Client ID#	Client Type/Code PACOR			
Organization Name or Registered Fictitious Name	Employer ID# (EIN)		Dun & Bradstreet ID#	
Mainlines, Manholes, and Wastewater Treatment, Inc.	33-1165188			
Individual Last Name	First Name	MI	Suffix	SSN
Additional Individual Last Name	First Name	MI	Suffix	SSN
Mailing Address Line 1	Mailing Address Line 2			
9214 Tannery Road				
Address Last Line - City	State	ZIP+4	Country	
Girard	PA	16417	USA	
Client Contact Last Name	First Name	MI	Suffix	
Weaver	Gerald	D		
Client Contact Title	Phone		Ext	
President	(814) 434-4104			
E-mail Address				FAX (814) 774-9218
Site Name (if different from Site Information section above)				
Facility Name (if different from Facility Information section above)				

**DISCHARGE INFORMATION**

I, we have determined that the QUANTITY of the discharge will be:

- the same  
 different  
 decreased

in relation to the existing approved permit(s).

If different, explain why.

I, we have determined that the QUALITY of the discharge will be:

- the same  
 different

in relation to the existing approved permit(s).

If different, explain why.

**COMPLIANCE HISTORY REVIEW**Is the proposed permittee in violation of any DEP regulation, permit, order or schedule of compliance at any other facility?  Yes  No

If "Yes," list each permit, order and schedule and provide compliance status. Use additional sheets to provide information on all permits.

Permit Program

Permit No.

Brief Description of Noncompliance

Steps Taken to Achieve Compliance

Date(s) Compliance Achieved

Current Compliance Status

In Compliance

In Noncompliance

If the owner or operator is not in compliance with any permit requirement of DEP regulations, provide narrative description of how the owner or operator will achieve compliance with the permit requirement, including the schedule for achieving compliance with appropriate milestones.

**STATEMENT OF LIABILITY**

Unless otherwise indicated by attached written agreement, the proposed new permittee will be held liable for all continuing and future violations of the transferred permit(s). The written agreement must also state the steps taken to achieve compliance with any permit violation at the facility and the responsible party for all actions.

**CERTIFICATION**

I, (Name) being duly sworn according to law depose and say that I:

- am the applicant
- am an officer or official of the applicant
- have the authority to make this application (attach delegation of signatory authority) named above as the proposed new permittee, and that the information included in the foregoing application and the statement of liability for permit violations below is true to the best of my knowledge and belief. I, we hereby accept the permit(s) herein referred to and agree to be bound by all terms of said permit(s).

Gerald Don Weaver

President

Name (type or print legibly)

Official Title

*Gerald Don Weaver, President*

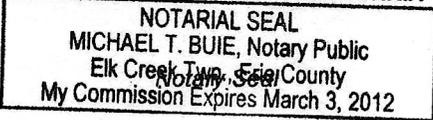
*4/15/2010*

Signature

Date

(Use corporate or professional seal as appropriate.)

Taken, sworn and subscribed before me, this 15 day of April 20 10



*Michael T Buie*

Application



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

APPLICATION FOR NPDES OR WQM  
PERMIT TRANSFER

Before completing this form, read the step-by-step instructions provided in this application package.

<b>Related ID#s (If Known)</b> Client ID# _____ Site ID# _____ Facility ID# _____		<b>DEP USE ONLY</b> APS ID# _____ Auth ID# _____	<b>DEP USE ONLY</b> Date Received & General Notes
--	--	--	--

**PRESENT PERMITTEE INFORMATION**

DEP Client ID#	Client Type/Code			
Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Dun & Bradstreet ID#		
Girard Township	25 6001557			
Individual Last Name	First Name	MI	Suffix	SSN
Additional Individual Last Name	First Name	MI	Suffix	SSN
Mailing Address Line 1	Mailing Address Line 2			
10140 Ridge Road				
Address Last Line - City	State	ZIP+4	Country	
Girard	PA	16417		
Client Contact Last Name	First Name	MI	Suffix	
Anderson	Sandra	L		
Client Contact Title	Phone	Ext		
Chair of Board of Supervisors	(814) 774-4738			
E-mail Address	FAX			
	(814) 774-0637			

**SITE INFORMATION**

DEP Site ID#	Site Name			
	Imperial Point Wastewater Treatment Plant			
EPA ID#	Estimated Number of Employees to be Present at Site	1		
Description of Site	Wastewater Treatment Plant			
County Name	Municipality	City	Boro	Twp
Erie	Girard	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
County Name	Municipality	City	Boro	Twp
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Site Location Line 1	Site Location Line 2			
Imperial Parkway				
Site Location Last Line - City	State	ZIP+4		
Girard	PA	16417		
Detailed Written Directions to Site	From the intersection of PA Rt. 18 and U.S. Rt. 20 in Girard, proceed east on U.S. Rt. 20 1.2 miles to Imperial Parkway. Turn right, proceed south on Imperial Parkway to the first driveway on the left, which is the plant entrance.			
Site Contact Last Name	First Name	MI	Suffix	
WUJST	David	H		

## Application

## Site Contact Title

President

## Site Contact Firm

Imperial Point Wastewater Co.

## Mailing Address Line 1

P.O. Box 927

## Mailing Address Line 2

## Address Last Line - City

Fairview

## State

PA

## ZIP+4

16415

## Phone

(814) 774-2184

## Ext

## FAX

(814) 774-3939

## E-mail Address

## NAICS Codes (Two- &amp; Three-Digit Codes - List All That Apply)

531

## 6-Digit Code (Optional)

## Site-to-Client Relationship

OWNOP

## FACILITY INFORMATION

## Facility Name (if applicable)

Imperial Point Wastewater Treatment Plant

## Existing Permits. Identify all NPDES and WQM permits for this facility. (Attach a copy of these permits).

Permit Type	Permit#	Date Issued
WQM (for plant)	2571411-T1	07/28/1981
WQM (for sludge holding tank)	2587414	02/08/1988
WQM (for equalization tank)	2592409	07/24/1992

## Facility Description. Provide a brief description of the facility.

80,000 GPD extended aeration WWTP

## Attached is a map or sketch indicating the point of discharge at the facility.



Yes



No

## Attached is a facility location &amp; drainage map.



Yes



No

## USGS Quadrangle Name Fairview, PA

Latitude/Longitude Point of Origin	Latitude			Longitude		
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
Center of Facility	42	00	32	80	18	00
Horizontal Accuracy Measure	Feet	100	--or--	Meters		
Horizontal Reference Datum Code	<input checked="" type="checkbox"/>	North American Datum of 1983		<input type="checkbox"/>	World Geodetic System of 1984	
Horizontal Collection Method Code	GISDR					
Reference Point Code	CNTER					
Altitude	Feet	780	--or--	Meters		
Altitude Datum Name	<input type="checkbox"/>	The North American Vertical Datum of 1988 (NAVD88) NGVD29				
Altitude (Vertical) Location Datum Collection Method Code	TOPO					
Geometric Type Code	POINT					
Data Collection Date	14 April 2010					
Source Map Scale Number	1	Inch(es)	=	2,000	Feet	
	--or--	Centimeter(s)	=	Meters		

### COMPLIANCE HISTORY REVIEW

is the facility owner or operator in violation of any DEP regulation, permit, order or schedule of compliance at this or any other facility?  Yes  No

If "Yes," list each permit, order and schedule and provide compliance status. Use additional sheets to provide information on all permits.

Permit Program NPDES Permit No. PA 0037991

**Brief Description of Noncompliance**

Operation of plant without NPDES Permit

**Steps Taken to Achieve Compliance**

**Date(s) Compliance Achieved**

Draft NPDES Permit No. PA0037991 issued 2/2/2010

Current Compliance Status  In Compliance  In Noncompliance

If the owner or operator is not in compliance with any permit requirement of DEP regulations, provide narrative description of how the owner or operator will achieve compliance with the permit requirement, including the schedule for achieving compliance with appropriate milestones.

### CERTIFICATION

I, (Name) being duly sworn according to law depose and say that I

- am the applicant
- am an officer or official of the applicant

have the authority to make this application (attach delegation of signatory authority) named above as the present permittee, that said permittee relinquishes all right, title and interest in said permit, and that the information included in the foregoing application and the statement of liability for permit violations below is true to the best of my knowledge and belief.

Sandra L. Anderson

Name (type or print legibly)

*Sandra L. Anderson*

Signature

Chairman of the Board of Supervisors

Official Title

*4/16/10*

Date

(Use corporate or professional seal as appropriate.)

Taken, sworn, and subscribed before me, this 16<sup>th</sup> day of April 20 10

Notary Seal

*Lisa Bue, Sec. / Secs*

**PROPOSED PERMITTEE INFORMATION**

DEP Client ID#	Client Type/Code PACOR			
Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Dun & Bradstreet ID#		
Mainlines, Manholes, and Wastewater Treatment, Inc.	33-1165188			
Individual Last Name	First Name	MI	Suffix	SSN
Additional Individual Last Name	First Name	MI	Suffix	SSN
Mailing Address Line 1	Mailing Address Line 2			
9214 Tannery Road				
Address Last Line - City	State	ZIP+4	Country	
Girard	PA	16417	USA	
Client Contact Last Name	First Name	MI	Suffix	
Weaver	Gerald	D		
Client Contact Title	Phone	Ext		
President	(814) 434-4104			
E-mail Address	FAX			
	(814) 774-9218			
Site Name (if different from Site Information section above)				
Facility Name (if different from Facility Information section above)				

**DISCHARGE INFORMATION**

I, we have determined that the QUANTITY of the discharge will be:

- the same
- different
- decreased

in relation to the existing approved permit(s).

If different, explain why.

I, we have determined that the QUALITY of the discharge will be:

- the same
- different

in relation to the existing approved permit(s).

If different, explain why.

**COMPLIANCE HISTORY REVIEW**

Is the proposed permittee in violation of any DEP regulation, permit, order or schedule of compliance at any other facility?  Yes  No

If "Yes," list each permit, order and schedule and provide compliance status. Use additional sheets to provide information on all permits.

Permit Program	Permit No.
Brief Description of Noncompliance	

Steps Taken to Achieve Compliance	Date(s) Compliance Achieved

Current Compliance Status  In Compliance  In Noncompliance

If the owner or operator is not in compliance with any permit requirement of DEP regulations, provide narrative description of how the owner or operator will achieve compliance with the permit requirement, including the schedule for achieving compliance with appropriate milestones.

**STATEMENT OF LIABILITY**

Unless otherwise indicated by attached written agreement, the proposed new permittee will be held liable for all continuing and future violations of the transferred permit(s). The written agreement must also state the steps taken to achieve compliance with any permit violation at the facility and the responsible party for all actions.

**CERTIFICATION**

I, (Name) being duly sworn according to law depose and say that I:

am the applicant

am an officer or official of the applicant

have the authority to make this application (attach delegation of signatory authority) named above as the proposed new permittee, and that the information included in the foregoing application and the statement of liability for permit violations below is true to the best of my knowledge and belief. I, we hereby accept the permit(s) herein referred to and agree to be bound by all terms of said permit(s).

Gerald Don Weaver  
Name (type or print legibly)

President  
Official Title

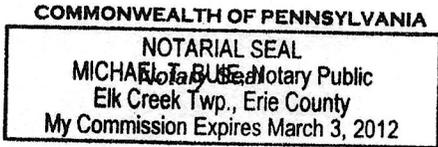
*Gerald Don Weaver, President*  
Signature

4/15/2010  
Date

(Use corporate or professional seal as appropriate.)

*Michael J. Busc*

Taken, sworn, and subscribed before me, this 15 day of April 20 10





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

**GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION**

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the Department.

Related ID#s (If Known)		<b>DEP USE ONLY</b>	
Client ID# _____	APS ID# _____	Date Received & General Notes	
Site ID# _____	Auth ID# _____		
Facility ID# _____			

**CLIENT INFORMATION**

DEP Client ID#	Client Type / Code PACOR			
Organization Name or Registered Fictitious Name Mainlines, Manholes, and Wastewater Treatment, Inc.		Employer ID# (EIN) 33-1165188	Dun & Bradstreet ID#	
Individual Last Name	First Name	MI	Suffix	SSN
Additional Individual Last Name	First Name	MI	Suffix	SSN
Mailing Address Line 1 9214 Tannery Road		Mailing Address Line 2		
Address Last Line – City Girard		State PA	ZIP+4 16417	Country USA
Client Contact Last Name Weaver	First Name Gerald	MI D.	Suffix	
Client Contact Title President		Phone (814) 434-4104	Ext	
Email Address		FAX (814) 774-9218		

**SITE INFORMATION**

DEP Site ID#	Site Name Imperial Point Wastewater Treatment Plant				
EPA ID#	Estimated Number of Employees to be Present at Site			1	
Description of Site Wastewater Treatment Plant					
County Name Erie	Municipality Girard	City <input type="checkbox"/>	Boro <input type="checkbox"/>	Twp <input checked="" type="checkbox"/>	State
County Name	Municipality	City <input type="checkbox"/>	Boro <input type="checkbox"/>	Twp <input type="checkbox"/>	State
Site Location Line 1 Imperial Parkway		Site Location Line 2			
Site Location Last Line – City Girard		State PA	ZIP+4 16417		
Detailed Written Directions to Site From the intersection of PA Route 18 and US Route 20 in Girard, proceed east on US Route 20 1.2 miles to Imperial Parkway. Turn right and proceed south on Imperial Parkway to the first driveway on the left, which is the plant entrance.					
Site Contact Last Name Pazmino	First Name Julio	MI D	Suffix		
Site Contact Title Operator		Site Contact Firm Imperial Point Wastewater Company			
Mailing Address Line 1 PO Box 927		Mailing Address Line 2			
Mailing Address Last Line – City Fairview		State PA	ZIP+4 16415		

<b>Phone</b> (814) 774-2184	<b>Ext</b>	<b>FAX</b> (814) 774-3939	<b>Email Address</b>
<b>NAICS Codes</b> (Two- & Three-Digit Codes -- List All That Apply) 531			<b>6-Digit Code</b> (Optional)

**Client to Site Relationship**  
OWNOP

**FACILITY INFORMATION**

<b>Modification of Existing Facility</b>	<b>Yes</b>	<b>No</b>
1. Will this project modify an existing facility, system, or activity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Will this project involve an addition to an existing facility, system, or activity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

*If "Yes", check all relevant facility types and provide DEP facility identification numbers below.*

Facility Type	DEP Fac ID#	Facility Type	DEP Fac ID#
<input type="checkbox"/> Air Emission Plant	_____	<input type="checkbox"/> Industrial Minerals Mining Operation	_____
<input type="checkbox"/> Beneficial Use (water)	_____	<input type="checkbox"/> Laboratory Location	_____
<input type="checkbox"/> Blasting Operation	_____	<input type="checkbox"/> Land Recycling Cleanup Location	_____
<input type="checkbox"/> Captive Hazardous Waste Operation	_____	<input type="checkbox"/> MineDrainageTrmt/LandRecyProjLocation	_____
<input type="checkbox"/> Coal Ash Beneficial Use Operation	_____	<input type="checkbox"/> Municipal Waste Operation	_____
<input type="checkbox"/> Coal Mining Operation	_____	<input type="checkbox"/> Oil & Gas Encroachment Location	_____
<input type="checkbox"/> Coal Pillar Location	_____	<input type="checkbox"/> Oil & Gas Location	_____
<input type="checkbox"/> Commercial Hazardous Waste Operation	_____	<input type="checkbox"/> Oil & Gas Water Poll Control Facility	_____
<input type="checkbox"/> Dam Location	_____	<input type="checkbox"/> Public Water Supply System	_____
<input type="checkbox"/> Deep Mine Safety Operation -Anthracite	_____	<input type="checkbox"/> Radiation Facility	_____
<input type="checkbox"/> Deep Mine Safety Operation -Bituminous	_____	<input type="checkbox"/> Residual Waste Operation	_____
<input type="checkbox"/> Deep Mine Safety Operation -Ind Minerals	_____	<input type="checkbox"/> Storage Tank Location	_____
<input type="checkbox"/> Encroachment Location (water, wetland)	_____	<input type="checkbox"/> Water Pollution Control Facility	_____
<input type="checkbox"/> Erosion & Sediment Control Facility	_____	<input type="checkbox"/> Water Resource	_____
<input type="checkbox"/> Explosive Storage Location	_____	<input type="checkbox"/> Other:	_____

Latitude/Longitude Point of Origin	Latitude			Longitude		
	Degrees	Minutes	Seconds	Degrees	Minute s	Seconds
Outfall	42	00	32	80	18	00
<b>Horizontal Accuracy Measure</b>	Feet	100	--or--	Meters		
<b>Horizontal Reference Datum Code</b>	<input checked="" type="checkbox"/> North American Datum of 1927 <input type="checkbox"/> North American Datum of 1983 <input type="checkbox"/> World Geodetic System of 1984					
<b>Horizontal Collection Method Code</b>	GISDR					
<b>Reference Point Code</b>	CNTER					
<b>Altitude</b>	Feet	780	--or--	Meters		
<b>Altitude Datum Name</b>	<input checked="" type="checkbox"/> The National Geodetic Vertical Datum of 1929 <input type="checkbox"/> The North American Vertical Datum of 1988 (NAVD88)					
<b>Altitude (Vertical) Location Datum Collection Method Code</b>	TOPO					
<b>Geometric Type Code</b>	POINT					
<b>Data Collection Date</b>	14 April 2010					
<b>Source Map Scale Number</b>	1	Inch(es)	=	2000	Feet	
	--or--	Centimeter(s)	=		Meters	

**PROJECT INFORMATION**

<b>Project Name</b> Imperial Point Wastewater Treatment Plant NPDES Permit			
<b>Project Description</b> NPDES Permit Application and WQM Permit Transfer			
<b>Project Consultant Last Name</b> Halmi	<b>First Name</b> Steven	<b>MI</b> R.	<b>Suffix</b> P.E.
<b>Project Consultant Title</b> President		<b>Consulting Firm</b> Deiss & Halmi Engineering, Inc.	
<b>Mailing Address Line 1</b> 105 Meadville Street		<b>Mailing Address Line 2</b>	
<b>Address Last Line - City</b> Edinboro		<b>State</b> PA	<b>ZIP+4</b> 16412

<b>Phone</b> (814) 734-3640	<b>Ext</b>	<b>FAX</b> (814) 734-3643	<b>Email Address</b> shalmi@deisshalmi.com
<b>Time Schedules</b>	<b>Project Milestone (Optional)</b>		

1. **Have you informed the surrounding community and addressed any concerns prior to submitting the application to the Department?**  Yes  No

---

2. **Is your project funded by state or federal grants?**  Yes  No  
**Note:** If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.  
 Aspect of Project Related to Grant \_\_\_\_\_  
 Grant Source: \_\_\_\_\_  
 Grant Contact Person: \_\_\_\_\_  
 Grant Expiration Date: \_\_\_\_\_

---

3. **Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions)**  Yes  No  
**Note:** If "No" to Question 3, the application is not subject to the Land Use Policy.  
 If "Yes" to Question 3, the application is subject to this policy and the Applicant should answer the additional questions in the Land Use Information section.

**LAND USE INFORMATION**

**Note:** Applicants are encouraged to submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1. **Is there an adopted county or multi-county comprehensive plan?**  Yes  No

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2. **Is there an adopted municipal or multi-municipal comprehensive plan?**  Yes  No

---

3. **Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**  Yes  No  
**Note:** If the Applicant answers "No" to either Questions 1, 2 or 3, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 4 and 5 below.  
 If the Applicant answers "Yes" to questions 1, 2 and 3, the Applicant should respond to questions 4 and 5 below.

---

4. **Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?**  Yes  No  
 If zoning approval has been received, attach documentation.

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5. **Have you attached Municipal and County Land Use Letters for the project?**  Yes  No

## COORDINATION INFORMATION

**Note:** The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 and the accompanying Cultural Resource Notice Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	Is this a coal mining project? If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0. (DEP Use/48y1)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.1	Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day? (DEP Use/4x70)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.2	Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year? (DEP Use/4x70)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.3	Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used? (DEP Use/4x70)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.4	For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters? (DEP Use/4x62)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.5	Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet? (DEP Use/3140)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.6	Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well? (DEP Use/4z41)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.0	Is this a non-coal (industrial minerals) mining project? If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0. (DEP Use/48y1)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.1	Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel? (DEP Use/4x70)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.2	Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials? (DEP Use/4x70)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.3	Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)? (DEP Use/4x70)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.4	For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters? (DEP Use/4x62)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.5	Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet? (DEP Use/3140)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

3.0	Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well? If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0. (DEP Use/4z41)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
3.1	Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)? (DEP Use/4z41)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
3.2	Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system? If "Yes", discuss in <i>Project Description</i> . (DEP Use/4z41)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
3.3	Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities? (DEP Use/4z41)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
4.0	Will the project involve a construction activity that results in earth disturbance? If "Yes", specify the total disturbed acreage. (DEP Use/4x66)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
4.0.1 Total Disturbed Acreage					
5.0	Does the project involve any of the following? If "Yes", respond to 5.1-5.3. If "No", skip to Question 6.0. (DEP Use/4x10)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
5.1	<b>Water Obstruction and Encroachment Projects</b> – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water? (DEP Use /4x10).	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.2	<b>Wetland Impacts</b> – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland? (DEP Use/4x10).	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.3	<b>Floodplain Projects</b> by the commonwealth, a Political Subdivision of the commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain? (DEP Use /4x10).	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
6.0	Will the project involve discharge of stormwater or wastewater from an industrial activity to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system? (DEP Use/4x62)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
7.0	Will the project involve the construction and operation of industrial waste treatment facilities? (DEP Use/4x62)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
8.0	Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations? If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the <i>Project Description</i> , where applicable. (DEP Use/4x62)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
8.0.1 Estimated Proposed Flow (gal/day)					
9.0	Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system? (DEP Use/4x61).	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
9.0.1	Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
10.0	Is this project for the beneficial use of biosolids for land application within Pennsylvania? If "Yes" indicate how much (i.e. gallons or dry tons per year). (DEP Use/4X62)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
10.0.1	Gallons Per Year (residential septage) _____				
10.0.2	Dry Tons Per Year (biosolids) _____				

11.0	Does the project involve construction, modification or removal of a dam? If "Yes", identify the dam. (DEP Use/3140)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
11.0.1	Dam Name				
12.0	Will the project interfere with the flow from, or otherwise impact, a dam? If "Yes", identify the dam. (DEP Use/3140)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
12.0.1	Dam Name				
13.0	Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)? If "Yes", identify each type of emission followed by the amount of that emission. (DEP Use/4x70)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
13.0.1	Enter all types & amounts of emissions; separate each set with semicolons.				
14.0	Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year? If "Yes", check all proposed sub-facilities. (DEP Use/4x81)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
14.0.1	Number of Persons Served	_____			
14.0.2	Number of Employee/Guests	_____			
14.0.3	Number of Connections	_____			
14.0.4	Sub-Fac: Distribution System	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.5	Sub-Fac: Water Treatment Plant	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.6	Sub-Fac: Source	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.7	Sub-Fac: Pump Station	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.8	Sub Fac: Transmission Main	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.9	Sub-Fac: Storage Facility	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
15.0	Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery? (DEP Use/4x81) and 4x52).	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
16.0	Is your project to be served by an existing public water supply? If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project. (DEP Use/4x81)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
16.0.1	Supplier's Name	_____			
16.0.2	Letter of Approval from Supplier is Attached	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
17.0	Will this project involve a new or increased drinking water withdrawal from a stream or other water body? If "Yes", should reference both Water Supply and Watershed Management. (DEP Use/4x81 and 4x10)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
17.0.1	Stream Name	_____			
18.0	Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste? If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed. (DEP/Use4x32)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
18.0.1	Type & Amount	_____			
19.0	Will your project involve the removal of coal, minerals, etc. as part of any earth disturbance activities? (DEP Use/48y1)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
20.0	Does your project involve installation of a field constructed underground storage tank? If "Yes", list each Substance & its Capacity. <b>Note:</b> Applicant may need a Storage Tank Site Specific Installation Permit. (DEP Use/2570)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
20.0.1	Enter all substances & capacity of each; separate each set with semicolons.	_____			
21.0	Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility? If "Yes", list each Substance & its Capacity. <b>Note:</b> Applicant may need a Storage Tank Site Specific Installation Permit. (DEP Use/2570)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
21.0.1	Enter all substances & capacity of each; separate each set with semicolons.	_____			

22.0 Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724? If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. (DEP Use/2570)  Yes  No

22.0.1 Enter all substances & capacity of each; separate each set with semicolons.

23.0 Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons? If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. (DEP Use/2570)  Yes  No

23.0.1 Enter all substances & capacity of each; separate each set with semicolons.

24.0 Will the intended activity involve the use of a radiation source? (DEP Use/4x90).  Yes  No

**CERTIFICATION**

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

Type or Print Name Steven R. Halmi, P.E.

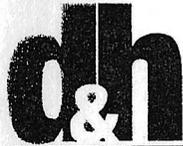
Consultant

4/27/2010

Signature

Title

Date



**Deiss & Halmi Engineering, Inc.**  
ENVIRONMENTAL AND CIVIL ENGINEERING

105 Meadville Street, Edinboro PA 16412

Ph. 814.734.3640 Fax 814.734.3643

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

February 11, 2009

Girard Township Supervisors  
10140 West Ridge Road  
Girard, PA 16417

Re: Act 14 Notification for the Pa. DEP  
Imperial Point Wastewater Treatment Plant  
Girard Township, Erie County

Dear Supervisors:

This letter is to advise you that Imperial Point Wastewater Company is applying to the Pennsylvania Department of Environmental Protection for a new National Pollutant Discharge Elimination System (NPDES) Permit for the Imperial Point Wastewater Treatment Plant. This permit allows the discharge of treated sewage to the surface waters of the Commonwealth. The proposed discharge will take place in Girard Township, Erie County.

If you have any questions, please contact me.

Very truly yours,  
DEISS & HALMI ENGINEERING, INC.

*Chad W. Yuriscic*

Chad W. Yuriscic, E.I.T.

cc: Paul Luciano

Imperial Point

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Replied by/ Printed Name <i>Landy Plater</i></p> <p>C. Date of Delivery <i>Feb 12 2009</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p>
<p>1. Article Addressed to: <i>Girard Township Supervisors 10140 West Ridge Road Girard, Pa. 16417</i></p>	<p>3. Service Type  <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>
<p>2. Article Number (Transfer from service label) <b>7008 1830 0000 7187 1180</b></p>	<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540</p>	

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Return Receipt Fee (Endorsement Required)	2.20	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 5.32	

Sent to *Girard Twp. Supervisors*  
Street, Apt. No.,  
or PO Box No. *10140 West Ridge Road*  
City, State, ZIP+4<sup>®</sup> *Girard Pa. 16417*

PS Form 3800, August 2006 See Reverse for Instructions

# dh Deiss & Halmi Engineering, Inc.

ENVIRONMENTAL AND CIVIL ENGINEERING

105 Meadville Street, Edinboro PA 16412

Ph. 814.734.3640 Fax 814.734.3643

**CERTIFIED MAIL – RETURN RECEIPT REQUESTED**

February 11, 2009

Erie County Council  
 Erie County Courthouse Room 116  
 140 West Sixth Street  
 Erie, PA 16501

Re: Act 14 Notification for the Pa. DEP  
 Imperial Point Wastewater Treatment Plant  
 Girard Township, Erie County

Dear Council:

This letter is to advise you that Imperial Point Wastewater Company is applying to the Pennsylvania Department of Environmental Protection for a new National Pollutant Discharge Elimination System (NPDES) Permit for the Imperial Point Wastewater Treatment Plant. This permit allows the discharge of treated sewage to the surface waters of the Commonwealth. The proposed discharge will take place in Girard Township, Erie County.

If you have any questions, please contact me.

Very truly yours,  
 DEISS & HALMI ENGINEERING, INC.

*Chad W. Yurisc*

Chad W. Yurisc, E.I.T.

cc: Paul Luciano

*Imperial Point*

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature                  X <i>Chad W. Yurisc</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by: (Printed Name) <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>C. Date of Delivery                  2/11/09</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                  If YES, enter delivery address below: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>E. Service Type  <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>F. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>1. Article Addressed to:                  Erie County Council                  Erie County Courthouse, Rm 116                  140 West Sixth St                  Erie, Pa. 16501</p>	
<p>2. Article Number                  (Transfer from service label)</p>	<p>7008 1630 0000 7187 1173</p>
<p>PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540</p>	

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Certified Fee	2.70	
Return Receipt Fee (Endorsement Required)	2.20	
Restricted Delivery Fee (Endorsement Required)		
<b>Total Postage &amp; Fees</b>	<b>\$ 5.32</b>	

Sent To: *Erie Co. Council*  
 Street, Apt. No. or PO Box No.: *140 West Sixth Street*  
 City, State, ZIP+4: *Erie, Pa. 16501*

PS Form 3800, August 2005 See Reverse for Instructions

Application Type Renewal  
 Facility Type Non-Municipal  
 Major / Minor Minor

**NPDES PERMIT FACT SHEET  
INDIVIDUAL SEWAGE**

Application No. PA0031461  
 APS ID 1003475  
 Authorization ID 1291434

**Applicant and Facility Information**

Applicant Name	<u>Mainlines Manholes &amp; Wastewater Treatment, Inc.</u>	Facility Name	<u>Hickory Hill Country Village MHP</u>
Applicant Address	<u>9208 Tannery Road</u> <u>Girard, PA 16417</u>	Facility Address	<u>Trask Road</u> <u>Waterford, PA 16441-0084</u>
Applicant Contact	<u>Kyle Luciano</u>	Facility Contact	<u>Jackie Pfadt</u>
Applicant Phone	<u>(814) 774-4663</u>	Facility Phone	<u>(814) 450-1005</u>
Client ID	<u>275993</u>	Site ID	<u>447188</u>
Ch 94 Load Status	<u>Not Overloaded</u>	Municipality	<u>Waterford Township</u>
Connection Status	<u>No Limitations</u>	County	<u>Erie</u>
Date Application Received	<u>September 26, 2019</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>October 17, 2019</u>	If No, Reason	<u></u>
Purpose of Application	<u>Renewal of a NPDES Permit for an existing discharge of treated sewage.</u>		

**Summary of Review**

No changes to discharge quantity or quality were proposed as part of this permit renewal.

A CACP was executed on February 3, 2020, for sludge removal issues that occurred at the plant from July 2017 to March 2018.

There are currently no open violations listed in EFACTS for this permittee (9/14/2020).

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		Adam Pesek Adam J. Pesek, E.I.T. / Environmental Engineering Specialist	September 16, 2020
X		Justin C. Dickey Justin C. Dickey, P.E. / Environmental Engineer Manager	September 21, 2020

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.04</u>
Latitude	<u>41° 58' 22 "</u>	Longitude	<u>-80° 1' 27"</u>
Quad Name	<u>Cambridge Springs NE</u>	Quad Code	<u>0305</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary of Trout Run</u>	Stream Code	<u>53494</u>
NHD Com ID	<u>127344937</u>	RMI	<u>1.04</u>
Drainage Area	<u>0.05 (dry); 1.15 (perennial)</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.001 (dry); 0.0406 (perennial)</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0 (dry); 0.0467 (perennial)</u>	Q <sub>7-10</sub> Basis	<u>Dry Stream; Streamstats flow regression</u>
Elevation (ft)	<u>1290</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>16-A</u>	Chapter 93 Class.	<u>HQ-CWF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<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>6.89</u>		<u>4/25/14 Macroinvertebrate Sample on LeBoeuf Creek</u>
Temperature (°C)	<u>20</u>		<u>Default (CWF)</u>
Hardness (mg/L)	<u></u>		<u></u>
Other: NH <sub>3</sub> -N	<u>0.02</u>		<u>4/27/15 sample from LeBoeuf Lake</u>
Nearest Downstream Public Water Supply Intake	<u>Cambridge Springs Borough</u>		
PWS Waters	<u>French Creek</u>	Flow at Intake (cfs)	<u>51.45</u>
PWS RMI	<u>48.35</u>	Distance from Outfall (mi)	<u>22</u>

Changes Since Last Permit Issuance:

Other Comments:

Treatment Facility Summary				
<b>Treatment Facility Name:</b> Hickory Hill Country Village MHP				
<b>WQM Permit No.</b>		<b>Issuance Date</b>		
2501427 T-1		6/08/2017		
2501427		10/31/2003		
<b>Waste Type</b>	<b>Degree of Treatment</b>	<b>Process Type</b>	<b>Disinfection</b>	<b>Avg Annual Flow (MGD)</b>
Sewage	Secondary With Ammonia Reduction	Extended Aeration	Hypochlorite	0.04
<b>Hydraulic Capacity (MGD)</b>	<b>Organic Capacity (lbs/day)</b>	<b>Load Status</b>	<b>Biosolids Treatment</b>	<b>Biosolids Use/Disposal</b>
0.04	68.0	Not Overloaded	Aerobic Digestion	Other WWTP

Changes Since Last Permit Issuance: Permit was transferred to new owner in 2017.

Other Comments: Treatment consists of an 8,000-gallon flow equalization tank, a flow diversion chamber, two parallel trains each with four Jet, Inc. extended aeration units having an individual 5,296-gallon capacity, for a total aeration capacity of 42,374 gallons. Two clarifiers, a sludge settling chamber, and tablet chlorine disinfection with an approximate 2,200-gallon chlorine contact tank.

Compliance History

DMR Data for Outfall 001 (from August 1, 2019 to July 31, 2020)

Parameter	JUL-20	JUN-20	MAY-20	APR-20	MAR-20	FEB-20	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19
Flow (MGD) Average Monthly	28524	29075	29201	28692	30210	30319	30000	29782	29833	29484	28728	28078
pH (S.U.) Minimum	7.5	7.1	6.8	6.7	6.5	6.7	6.7	6.7	6.6	6.7	6.7	6.7
pH (S.U.) Maximum	7.8	7.7	7.6	7.0	7.0	7.0	7.1	7.0	7.2	7.3	7.1	7.4
DO (mg/L) Minimum	4.13	4.28	4.08	4.03	4.03	4.05	4.03	4.03	4.17	4.9	4.27	4.11
TRC (mg/L) Average Monthly	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
TRC (mg/L) Instantaneous Maximum	0.40	0.60	0.50	0.80	0.80	0.50	0.80	0.60	0.80	0.90	0.90	0.53
CBOD5 (mg/L) Average Monthly	< 3	4	< 4	6	4	4	6	< 3	< 3	< 4	11	8
TSS (mg/L) Average Monthly	< 4	< 4	6	9	5	6	< 4	< 3	8	< 2	3	5
Fecal Coliform (CFU/100 ml) Geometric Mean	< 10	< 10	< 10	< 10	< 85	< 90	< 10	< 51	39	31	10	< 10
Fecal Coliform (CFU/100 ml) Instantaneous Maximum	< 10	< 10	< 10	< 10	730	802	< 10	370	154	38	10	10
Total Nitrogen (mg/L) Average Monthly	6.81	4.77	5.67	4.07	9.73	6.54	2.31	8.56	11.0	< 0.8	15.7	94.4
Ammonia (mg/L) Average Monthly	< 0.4	< 0.4	7.0	< 0.4	< 0.4	0.4	1.7	< 1.1	< 0.4	< 0.4	< 0.4	0.4
Total Phosphorus (mg/L) Average Monthly	3.31	0.367	4.63	2.04	1.58	0.782	0.69	1.72	1.38	1.19	0.92	2.56

**Development of Effluent Limitations**

<b>Outfall No.</b> <u>001</u>	<b>Design Flow (MGD)</b> <u>0.04 (16-hour runoff period)</u>
<b>Latitude</b> <u>41° 58' 21.57"</u>	<b>Longitude</b> <u>-80° 1' 19.51"</u>
<b>Wastewater Description:</b> <u>Sewage Effluent</u>	

**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)
	40	Average Weekly	133.102(a)(4)(ii)	92a.47(a)(2)
Total Suspended Solids	30	Average Monthly	133.102(b)(1)	92a.47(a)(1)
	45	Average Weekly	133.102(b)(2)	92a.47(a)(2)
pH	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)

**Water Quality-Based Limitations**

The following limitations were determined through water quality modeling (output files attached):

Parameter	Limit (mg/l)	SBC	Model
Ammonia Nitrogen (May 1 – Oct 31)	4.5	Average Monthly	Previous modeling*
Ammonia Nitrogen (Nov 1 – Apr 30)	13.5	Average Monthly	Previous modeling*

Comments: A seasonal multiplier of “3” is applied to ammonia nitrogen limits in accordance with the Department’s SOP entitled “Establishing Effluent Limitations for Individual Sewage Permits.”

\* -- WQM 7.0 modeling for this permit renewal (attached) calculated less stringent effluent limitations than were previously calculated and placed in the permit. Therefore, the existing effluent limitations will remain in the permit due to anti-backsliding provisions.

No TRC modeling was conducted due to the discharge being to a dry/intermittent stream that extends over a mile before perennial conditions exist. Any chlorine residual should dissipate prior to reaching perennial conditions.

**Best Professional Judgment (BPJ) Limitations**

Comments: A dissolved oxygen limit of a minimum of 4.0 mg/l, a total residual chlorine instantaneous maximum limit of 1.6, mg/l, and monitoring for total nitrogen and total phosphorus is placed in the permit in accordance with the Department’s SOP entitled “Establishing Effluent Limitations for Individual Sewage Permits” and under the authority of Chapter 92a.61.

**Anti-Backsliding**

The TRC Instantaneous maximum limit was relaxed to 1.6 mg/l from 1.15 mg/l due to the sampling frequency being increased from 1/week to 1/day. Increasing the sampling frequency in the TRC spreadsheet increases the multiplier used to calculate the water quality based instantaneous maximum limit which is also the BPJ-based proposed limit. Therefore, backsliding is permissible under 402(o)(1) of the CWA based on compliance with 303(d)(4)(B) – Attainment Water. Compliance with 303(d)(4)(B) is being met because the receiving stream – Unnamed Tributary to Trout Run, is attaining its designated use and the backsliding of the effluent limits is consistent with PADEP’s antidegradation policy located in 25 Pa. Code Chapter 93.4(a). The revised total residual chlorine instantaneous maximum effluent limit is meeting state antidegradation requirements because instream water uses are being met and state water quality standards for total residual chlorine in 25 Pa. Code Chapter 93.7 will be achieved.

**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) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	2/month	Measured
pH (S.U.)	XXX	XXX	6.0 Daily Min	XXX	9.0 Daily Max	XXX	1/day	Grab
DO	XXX	XXX	4.0 Daily Min	XXX	XXX	XXX	1/day	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.6	1/day	Grab
CBOD5	XXX	XXX	XXX	25.0	XXX	50	2/month	8-Hr Composite
TSS	XXX	XXX	XXX	30.0	XXX	60	2/month	8-Hr Composite
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	2/month	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	2/month	Grab
Total Nitrogen	XXX	XXX	XXX	Report Avg Qrtly	XXX	XXX	1/quarter	8-Hr Composite
Ammonia Nov 1 - Apr 30	XXX	XXX	XXX	13.5	XXX	27	2/month	8-Hr Composite
Ammonia May 1 - Oct 31	XXX	XXX	XXX	4.5	XXX	9	2/month	8-Hr Composite
Total Phosphorus	XXX	XXX	XXX	Report Avg Qrtly	XXX	XXX	1/quarter	8-Hr Composite

Compliance Sampling Location: Outfall 001 (after disinfection).

Other Comments: 

Application Type Renewal  
Facility Type Non-Municipal  
Major / Minor Minor

**NPDES PERMIT FACT SHEET  
INDIVIDUAL SEWAGE**

Application No. PA0037991  
APS ID 1013072  
Authorization ID 1308489

**Applicant and Facility Information**

Applicant Name	<u>Mainlines Manholes &amp; Wastewater Treatment, Inc.</u>	Facility Name	<u>Imperial Point North MHP</u>
Applicant Address	<u>9208 Tannery Road</u> <u>Girard, PA 16417</u>	Facility Address	<u>US Route 20</u> <u>Girard, PA 16417</u>
Applicant Contact	<u>Kyle Luciano, President</u>	Facility Contact	<u>Tammy Pazmino, STP Operator</u>
Applicant Phone	<u>(814) 434-4106</u>	Facility Phone	<u>(814) 774-2184</u>
Client ID	<u>275993</u>	Site ID	<u>464249</u>
Ch 94 Load Status	<u>Not Overloaded</u>	Municipality	<u>Girard Township</u>
Connection Status	<u>No Exceptions Allowed</u>	County	<u>Erie County</u>
Date Application Received	<u>March 9, 2020</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>March 11, 2020</u>	If No, Reason	<u>-</u>
Purpose of Application	<u>Renewal of an existing NPDES Permit for an existing discharge of treated sanitary wastewater from a MHP and a shopping plaza.</u>		

**Summary of Review**

Act 14 - Proof of Notification was submitted and received.

A Part II Water Quality Management permit is not required at this time.

The applicant should be able to continue to meet the limits of this permit, which will continue to protect the uses of the receiving stream.

I. OTHER REQUIREMENTS:

- A. Stormwater into sewers
- B. Right of way
- C. Solids handling
- D. Public Sewerage Availability
- E. Effluent Chlorine Optimization and Minimization

SPECIAL CONDITIONS:

- II. Solids Management

There are no open violations in effects for Client ID 275993 as of 1/14/2021.

Approve	Deny	Signatures	Date
X		Stephen A. McCauley Stephen A. McCauley, E.I.T. / Environmental Engineering Specialist	1/14/2021
X		Justin C. Dickey Justin C. Dickey, P.E. / Environmental Engineer Manager	1/25/2021

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.08</u>
Latitude	<u>42° 00' 33.00"</u>	Longitude	<u>-80° 18' 0.00"</u>
Quad Name	<u>-</u>	Quad Code	<u>-</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Lake Erie (HQ-CWF, MF)</u>	Stream Code	<u>N/A</u>
NHD Com ID	<u>134205214</u>	RMI	<u>3.25</u>
Drainage Area	<u>2.28</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.0079</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.018</u>	Q <sub>7-10</sub> Basis	<u>calculated</u>
Elevation (ft)	<u>776</u>	Slope (ft/ft)	<u>0.01171</u>
Watershed No.	<u>15-A</u>	Chapter 93 Class.	<u>HQ-CWF, MF *</u>
Existing Use	<u>-</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>Siltation</u>		
Source(s) of Impairment	<u>Agriculture</u>		
TMDL Status	<u>pending</u>	Name	<u>-</u>
Background/Ambient Data		Data Source	
pH (SU)	<u>-</u>		<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>Erie Water Works</u>		
PWS Waters	<u>Lake Erie</u>	Flow at Intake (cfs)	<u>-</u>
PWS RMI	<u>-</u>	Distance from Outfall (mi)	<u>27.0</u>

\* - The Unnamed tributary to Lake Erie was determined to not be designated "high quality" in a Use Determination, dated August 31, 2009. During the determination, this stream segment was found to no longer be part of Godfrey Run (62485), as it was diverted to tributary 62489 at the CSX Transportation, Chicago Line railroad tracks.

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.

Narrative: This Fact Sheet details the determination of draft NPDES permit limits for an existing discharge of 0.008 MGD

of treated sewage from an existing non-municipal STP serving a MHP and a shopping plaza in Girard Township, Erie County.

Permitted treatment consists of:

- (WQM Permit no. 2571411) A comminutor, an 80,000 gallon aeration tank, a 13,545 gallon settling tank, tablet chlorine disinfection with a 3,140 gallon contact tank, a tertiary tray settling section and a sand filtration section
- (WQM Permit No. 2587414) A 4,000 gallon sludge holding tank
- (WQM Permit No. 2503424) A sludge dewatering press
- (WQM Permit No. 2592409) A 33,215 gallon flow equalization basin with aeration and mixing

**1. Streamflow:**

The yieldrate for the receiving stream at Outfall 001 was calculated from the nearest gage station details:

<u>Raccoon Creek near West Springfield, PA:</u>	Q <sub>7-10</sub> :	<u>0.02</u>	cfsm	(from StreamStats)
<u>(USGS Gage 04213040)</u>	Drainage Area:	<u>2.53</u>	cfsm	(from StreamStats)
	Yieldrate:	<u>0.0079</u>	cfsm	calculated

<u>Unnamed Tributary to Lake Erie at Outfall 001:</u>	Yieldrate:	<u>0.0079</u>	cfsm	(calculated above)
	Drainage Area:	<u>2.28</u>	sq. mi.	(from StreamStats)
	Q <sub>7-10</sub> :	<u>0.018</u>	cfs	calculated

**2. Wasteflow: Outfall 001**

Maximum discharge: 0.08 MGD = 0.12 cfs

Runoff flow period: 24 hours Basis: Runoff flow with flow equalization

There is less than 3 parts stream flow (Q7-10) to 1 part effluent (design flow) at the discharge point. However, since this is an existing discharge, the more stringent treatment requirements cannot be achieved, and the receiving stream is not impaired by the discharge, the treatment requirements in document number 391-2000-014, titled, "Policy and Procedure for Evaluating Wastewater Discharges to Intermittent and Ephemeral Streams, Drainage Channels and Swales, and Storm Sewers", dated April 12, 2008, will not be implemented in this NPDES Permit.

**3. Parameters:**

The following parameters were evaluated: pH, Total Suspended Solids, Fecal Coliform, Phosphorus, NH<sub>3</sub>-N, CBOD<sub>5</sub>, Dissolved Oxygen, and Total Residual Chlorine. NH<sub>3</sub>-N, CBOD<sub>5</sub>, and Dissolved Oxygen were evaluated using WQM 7.0 at the discharge point.

NO<sub>2</sub>-NO<sub>3</sub>, Fluoride, Phenolics, Sulfates, and Chlorides can be evaluated using PentoxSD at the nearest downstream potable water supply (PWS). Since there is significant dilution available, no modeling was performed for this facility.

a. pH

Between 6.0 and 9.0 at all times

Basis: Application of Chapter 93.7 technology-based limits. The measurement frequency was increased from 4/week to 1/day as recommended in the SOP, based on Table 6-3 in the "Technical Guidance for the Development and Specification of Effluent Limitations" (362-0400-001).

b. Total Suspended Solids

Limits are 30 mg/l as a monthly average and 60 as a daily maximum.

Basis: Application of Chapter 92a47 technology-based limits

c. Fecal Coliform

05/01 - 09/30: 200/100ml (monthly average geometric mean)  
1,000/100ml (instantaneous maximum)

10/01 - 04/30: 2,000/100ml (monthly average geometric mean)  
10,000/100ml (instantaneous maximum)

Basis: Application of Chapter 92a47 technology-based limits.

d. Phosphorus

Limit not necessary

Basis: N/A

Limit necessary due to:

Discharge to a lake, pond, or impoundment

Discharge to a stream

Discharge to a dry stream

Basis: The previous limits for Total Phosphorus will be retained. The previous limits were based on the 1969 International Joint Committee (IJC) agreement for Lake Erie.

e. Total Nitrogen

Limit not necessary

Basis: The previous monitoring for Total Nitrogen will be retained in accordance with the SOP, based on Chapter 92a.61.

Limit necessary due to:

Discharge to a lake, pond, or impoundment

Discharge to a stream

Discharge to a dry stream

Basis: N/A

f. NO<sub>2</sub>-NO<sub>3</sub>, Fluoride, Phenolics, Sulfates, and Chlorides

Nearest Downstream potable water supply (PWS): Erie Water Works

Distance downstream from the point of discharge: 27.0 miles (approximate)

No limits necessary

Limits needed

Basis: Significant dilution available.

g. Ammonia-Nitrogen (NH<sub>3</sub>-N)

Median discharge pH to be used: 6.2 Standard Units (S.U.)

Basis: Average pH value from DMR summary

Discharge temperature: 25°C (default value used in the absence of data)

Median stream pH to be used: 7.0 Standard Units (S.U.)

Basis: Default value used in the absence of data

Stream Temperature: 20°C (default value used for CWF modeling)

Background NH<sub>3</sub>-N concentration: 0.1 mg/l

Basis: Default value used in the absence of data

calculated summer NH<sub>3</sub>-N limits: 2.5 mg/l (monthly average)  
5.0 mg/l (instantaneous maximum)  
calculated winter NH<sub>3</sub>-N limits: 7.5 mg/l (monthly average)  
15.0 mg/l (instantaneous maximum)

Result: WQ modeling resulted in the calculated summer limits above (see Attachment 1), which are less restrictive than in the previous NPDES Permit. The winter limits are calculated as three times the summer limits. However, since the previous NH<sub>3</sub>-N limits of 2.0 mg/l monthly average (summer) and 6.0 mg/l monthly average (winter) are attainable, they will be retained with this renewal.

h. CBOD<sub>5</sub>

Median discharge pH to be used: 6.2 Standard Units (S.U.)

Basis: Average pH value from DMR summary

Discharge temperature: 25°C (default value used in the absence of data)

Median stream pH to be used: 7.0 Standard Units (S.U.)

Basis: Default value used in the absence of data

Stream Temperature: 20°C (default value used for CWF modeling)

Background CBOD<sub>5</sub> concentration: 2.0 mg/l

Basis: Default value used in the absence of data

calculated summer CBOD<sub>5</sub> limits: 25.0 mg/l (monthly average)  
50.0 mg/l (instantaneous maximum)  
calculated winter CBOD<sub>5</sub> limits: 25.0 mg/l (monthly average)  
50.0 mg/l (instantaneous maximum)

Result: WQ modeling resulted in the calculated summer limits above (see Attachment 1), which are the same as the previous NPDES Permit. The winter limits are calculated as three times the summer limits, but since the technology-based limits are more protective, they will be used. Since the summer limits and the winter limits are the same, the limits for CBOD<sub>5</sub> will be set year-round as in the previous NPDES Permit.

i. Dissolved Oxygen (DO)

- 4.0 mg/l - minimum desired in effluent to protect all aquatic life.
- 5.0 mg/l - desired in effluent for CWF, WWF, or TSF.
- 6.0 mg/l - minimum required due to discharge going to a drainage swale or ditch.
- 8.0 mg/l - required due to discharge going to a naturally reproducing salmonid stream

Discussion: The Dissolved Oxygen minimum of 4.0 mg/l will be retained with this renewal. The technology-based minimum of 4.0 mg/l is recommended by the WQ Model (see Attachment 1) and the SOP based on Chapter 93.7, under the authority of Chapter 92a.61. The measurement frequency was increased from 4/week to 1/day as recommended in the SOP, based on Table 6-3 in the "Technical Guidance for the Development and Specification of Effluent Limitations" (362-0400-001).

j. Total Residual Chlorine (TRC)

- No limit necessary
- TRC limits: 0.030 mg/l (monthly average)  
0.098 mg/l (instantaneous maximum)

Basis: The TRC limits above are water quality-based using the TRC\_Calc Spreadsheet (see Attachment 2). The calculated limits are the same as the previous permit and will be retained with this renewal. The measurement frequency was increased from 4/week to 1/day as recommended in the SOP, based on Table 6-3 in the "Technical Guidance for the Development and Specification of Effluent Limitations" (362-0400-001).

k. Anti-Backsliding

Since all the permit limits in this renewal are the same or more restrictive than the previous NPDES Permit, anti-backsliding is not applicable.

**4. Attachment List:**

Attachment 1 - WQ Modeling Printouts

Attachment 2 - TRC\_Calc Spreadsheet

If viewing this electronically, please refer to the following PDF to view the above Attachments:



Adobe Acrobat  
Document

Compliance History

DMR Data for Outfall 001 (from December 1, 2019 to November 30, 2020)

Parameter	NOV-20	OCT-20	SEP-20	AUG-20	JUL-20	JUN-20	MAY-20	APR-20	MAR-20	FEB-20	JAN-20	DEC-19
Flow (MGD) Average Monthly	0.058	0.057	0.046	0.046	0.045	0.045	0.052	0.057	0.062	0.065	0.069	0.067
Flow (MGD) Daily Maximum	0.076	0.093	0.063	0.056	0.094	0.072	0.076	0.083	0.087	0.089	0.142	0.15
pH (S.U.) Minimum	6.1	6.0	6.0	5.9	6.0	5.8	6.0	6.0	6.3	4.9	6.2	6.0
pH (S.U.) Maximum	6.9	6.7	6.8	6.8	6.5	6.5	6.5	6.5	7.2	7.0	6.9	7.0
DO (mg/L) Minimum	8.6	7.4	4.0	4.0	4.0	4.6	4.3	5.7	5.7	4.0	4.4	4.4
TRC (mg/L) Average Monthly	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.040	0.030	0.020	0.020
TRC (mg/L) Instantaneous Maximum	0.040	0.040	0.030	0.040	0.030	0.050	0.050	0.060	0.080	0.060	0.100	0.060
CBOD5 (mg/L) Average Monthly	< 3	< 4	< 5	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
TSS (mg/L) Average Monthly	< 5	< 6	< 6	< 5	< 5	< 5	< 5	< 5	< 5	< 8	< 5	< 5
Fecal Coliform (CFU/100 ml) Geometric Mean	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	101	385	20	27
Fecal Coliform (CFU/100 ml) Instantaneous Maximum	< 1	< 1	1	< 1	1	< 1	4	3	200	870	27	120
Total Nitrogen (mg/L) Average Monthly	27.73	32.13	16.76	26.63	12.57	27.93	30.97	21.68	20.53	21.6	15.08	23.68
Ammonia (mg/L) Average Monthly	< 0.3	< 0.3	< 0.3	< 0.3	1.6	< 0.3	< 0.3	< 0.3	0.4	< 0.3	< 0.3	< 0.3
Total Phosphorus (mg/L) Average Monthly	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.3	0.1	0.3	0.2	0.1

**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) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	1/week	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/day	Grab
DO	XXX	XXX	4.0 Inst Min	XXX	XXX	XXX	1/day	Grab
TRC	XXX	XXX	XXX	0.030	XXX	0.098	1/day	Grab
CBOD5	XXX	XXX	XXX	25.0	XXX	50	2/month	8-Hr Composite
TSS	XXX	XXX	XXX	30.0	XXX	60	2/month	8-Hr Composite
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	2/month	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	2/month	Grab
Total Nitrogen	XXX	XXX	XXX	Report	XXX	XXX	2/month	8-Hr Composite
Ammonia-Nitrogen Nov 1 - Apr 30	XXX	XXX	XXX	6.0	XXX	12	2/month	8-Hr Composite
Ammonia-Nitrogen May 1 - Oct 31	XXX	XXX	XXX	2.0	XXX	4	2/month	8-Hr Composite
Total Phosphorus	XXX	XXX	XXX	1.0	XXX	2	2/month	8-Hr Composite

Compliance Sampling Location: at Outfall 001, after disinfection.

Flow is monitor only based on Chapter 92a.61. The limits for pH and Dissolved Oxygen are technology-based on Chapter 93.7. The limits for Total Residual Chlorine (TRC) are water quality-based on Chapter 92a.47. The limits for CBOD<sub>5</sub>, Total Suspended Solids, and Fecal Coliforms are technology-based on Chapter 92a.47. The limits for Ammonia-Nitrogen are water quality-based on Chapter 93.7. Monitoring for Total Nitrogen is based on Chapter 92a.61. The limits for Total Phosphorus are based on the 1969 International Joint Committee (IJC) agreement for Lake Erie.

Description of Proposed Action/Activity: Authorization to discharge to Miney Branch and UNT to Miney Branch in Watershed 13-D.

*Northcentral Region: Water Management Program Manager, 208 West Third Street, Williamsport, PA 17701*

**NPDES Permit No. PA0233986**, Sewage, SIC Code 4952, **Aaron Kinter**, 301 Pleasant Valley Road, Cogan Station, PA 17728-8903.

This proposed facility is located in Hepburn Township, **Lycoming County**.

Description of Proposed Action/Activity: Issuance of an NPDES Permit for a new discharge of treated Sewage.

**NPDES Permit No. PA0028665**, Sewage, SIC Code 4952, **Jersey Shore Borough Lycoming County**, Jersey Shore Boro Auth, Jersey Shore, PA 17740.

This existing facility is located in Jersey Shore Borough, **Lycoming County**.

Description of Existing Action/Activity: Issuance of an NPDES Permit for an existing discharge of treated Sewage.

### III. WQM Industrial Waste and Sewerage Actions under The Clean Streams Law

*Southcentral Region: Water Management Program Manager, 909 Elmerton Avenue, Harrisburg, PA 17110. Phone: 717-705-4707.*

**WQM Permit No. 6710408**, Sewage, **Penn Township**, 20 Wayne Avenue, Hanover, PA 17331.

This proposed facility is located in Penn Township, **York County**.

Description of Proposed Action/Activity: Construction of new sewer lines to eliminate the existing Laurel Drive and Timber Lane Pump Stations.

*Northcentral Region: Water Management Program Manager, 208 West Third Street, Williamsport, PA 17701*

**WQM Permit No. 01411003**, Sewage, SIC Code 4952, **Aaron Kinter**, 301 Pleasant Valley Road, Cogan Station, PA 17728-8903.

This proposed facility is located in Hepburn Township, **Lycoming County**.

Description of Proposed Action/Activity: Construction and operation of a small flow treatment facility consisting of a 1,00 gallon concrete septic tank, dosing pump, 612 s.f. subsurface sand filter, chlorine tablet erosion chlorinator and a 500 gallon chlorine contact tank.

*Northwest Region: Water Management Program Manager, 230 Chestnut Street, Meadville, PA 16335-3481*

**WQM Permit No. 2571411**, Sewerage, **Amendment No. 1, Mainlines, Manholes, and Wastewater Treatment Inc.**, 9214 Tannery Road, Girard, PA 16417

This proposed facility is located in Girard Township, **Erie County**.

Description of Proposed Action/Activity: Issuance of a WQM Permit Amendment to replace tertiary tank with two new fixed media tertiary filtration tanks, enlarging the chlorine contact tank, adding dechlorination, and adding an effluent pump station.

**WQM Permit No. 1010404**, Sewerage, **Cranberry Township**, 2525 Rochester Road, Cranberry Township, PA 16066-6499.

This proposed facility is located in Cranberry Township, **Butler County**.

Description of Proposed Action/Activity: Construction of a parallel interceptor from Powell Road south to the Marshall Township line. The interceptor will increase the available carrying capacity to accommodate the existing and future sewage flows to the Brush Creek Water Pollution Control Facility.

*Southeast Region: Water Management Program Manager, 2 East Main Street, Norristown, PA*

**WQM Permit No. WQG02151010**, Sewerage, **Kendall-Crosslands Communities**, P. O. Box 100, Kennett Square, PA 19348.

This proposed facility is located in Kennett Township, **Chester County**.

Description of Action/Activity: Construction and operation of a sanitary sewer extension and two pump station.

**WQM Permit No. 1588442**, Sewerage, **Transfer**, East Vincent Township, 262 Ridge Road, Spring City, PA 19475.

This proposed facility is located in East Vincent Township, **Chester County**.

Description of Action/Activity: Permit transferred from East Vincent Township Municipal Authority to East Vincent Township for operation of Bartons Meadow WWTP.

### IV. NPDES Stormwater Discharges from MS4 Permit Actions

### V. NPDES Waiver Stormwater Discharges from MS4 Actions

### VI. NPDES Discharges of Stormwater Associated with Construction Activities Individual Permit Actions

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# NOTICES

## DEPARTMENT OF ENVIRONMENTAL PROTECTION

### Applications, Actions and Special Notices

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#### APPLICATIONS

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[33 Pa.B. 4182]

### THE CLEAN STREAMS LAW AND THE FEDERAL CLEAN WATER ACT

#### APPLICATIONS FOR NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMITS AND WATER QUALITY MANAGEMENT (WQM) PERMITS

This notice provides information about persons who have applied for a new, amended or renewed NPDES or WQM permit, a permit waiver for certain stormwater discharges or submitted a Notice of Intent (NOI) for coverage under a General Permit. The applications concern, but are not limited to, discharges related to industrial, animal or sewage waste, discharges to groundwater, discharges associated with municipal separate storm sewer systems (MS4), stormwater associated with construction activities or concentrated animal feeding operations (CAFOs). This notice is provided in accordance with 25 Pa. Code Chapters 91 and 92 and 40 CFR Part 122, implementing The Clean Streams Law (35 P. S. §§ 691.1--691.1001) and the Federal Clean Water Act.

<b>Location</b>	<b>Permit Authority</b>	<b>Application Type or Category</b>
Section I	NPDES	Renewals
Section II	NPDES	New or amendment
Section III	WQM	Industrial, sewage or animal waste; discharge into groundwater
Section IV	NPDES	MS4 individual permit
Section V	NPDES	MS4 permit waiver
Section VI	NPDES	Individual permit stormwater construction
Section VII	NPDES	NOI for coverage under NPDES general permits

For NPDES renewal applications in Section I, the Department of Environmental Protection (Department) has made a tentative determination to reissue these permits for 5 years subject to effluent limitations and monitoring and reporting requirements in their current permits, with appropriate and necessary updated requirements to reflect new and changed regulations and other requirements.

For applications for new NPDES permits and renewal applications with major changes in Section II, as well as applications for MS4 individual permits and individual stormwater construction permits in Sections IV and VI, the Department, based upon preliminary reviews, has made a tentative determination of proposed effluent limitations and other terms and conditions for the

Description of Proposed Action/Activity: Construction of a small flow sewage treatment system to serve their residence on Stutz Road.

**WQM Permit No. 6703202**, CAFO, **Barley Farms**, 37 Chestnut Grove Road, Conestoga, PA 17516 and **Hostetter Management Company**, LLC, P. O. Box 526, 120 Lake Street, Ephrata, PA 17522. This proposed facility is in North Codorus Township, **York County**.

Description of Proposed Action/Activity: Construction of a new manure storage facility.

*Northcentral Region: Water Management Program Manager, 208 West Third Street, Williamsport, PA 17701.*

**WQM Permit No. 4903403**, Sewerage, **Point Township Sewer Authority**, P. O. Box 312, Northumberland, PA 17857. This proposed facility will be in Point Township, **Northumberland County**.

Description of Proposed Action/Activity: The applicant proposed the construction of a collection system into unsewered areas of the township in the vicinity of Strawbridge Road. The project also includes the construction of a new pump station and the renovation of an existing pump station. Wastewater will be conveyed to the Northumberland Borough Sewage Treatment Plant.

*Northwest Region: Water Management Program Manager, 230 Chestnut Street, Meadville, PA 16335-3481.*

**WQM Permit No. 4303407**, Sewerage, **Mark McCann**, 69 South Summit Road, Greenville, PA 16125. This proposed facility is in West Salem Township, **Mercer County**.

Description of Proposed Action/Activity: A single residence sewage treatment plant.

**WQM Permit No. 2003423**, Sewerage, **Lisa Schlosser and Mark D. Schlosser**, 17317 South Mead Road, Saegertown, PA 16433. This proposed facility is in Hayfield Township, **Crawford County**.

Description of Proposed Action/Activity: A single residence sewage treatment plant.

**WQM Permit No. 2003423**, Sewerage, **Larry E. Royer**, 24629 East Spring Road, Springboro, PA 16435. This proposed facility is in Spring Township, **Crawford County**.

Description of Proposed Action/Activity: A single residence sewage treatment plant.

**WQM Permit No. 1003413**, Sewerage, **Ronald J. Shemela**, 139 Hammond Road, Mars, PA 16046. This proposed facility is in Adams Township, **Butler County**.

Description of Proposed Action/Activity: A single residence sewage treatment plant.

**WQM Permit No. 2503424**, Sewerage, **Imperial Point Wastewater Company**, P. O. Box 927, Fairview, PA 16415. This proposed facility is in Girard Township, **Erie County**.

Description of Proposed Action/Activity: This project is for the installation of a sludge filter press system.

**WQM Permit No. 4374404**, Sewerage Amendment No. 1, **Borough of Grove City**, P. O. Box 110, Grove City, PA 16127-0110. This proposed facility is in Borough of Grove City, **Mercer County**.

Description of Proposed Action/Activity: This project is for aeration system upgrades.

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# NOTICES

## DEPARTMENT OF ENVIRONMENTAL PROTECTION

### Applications, Actions and Special Notices

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#### APPLICATIONS

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[31 Pa.B. 6947]

### NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMITS

#### NPDES APPLICATIONS

#### PART I PERMITS

Under the Federal Clean Water Act and The Clean Streams Law, the following parties have applied for an NPDES permit or to renew their current permit to discharge controlled wastewaters into the waters of this Commonwealth or to conduct other activities required by the NPDES permit. For renewal applications listed in Section I, the Department of Environmental Protection (Department) has made a tentative determination to reissue these permits for 5 years subject to effluent limitations and monitoring and reporting requirements in their current permits, with appropriate and necessary updated requirements to reflect new and changed regulations and other requirements. For all new permit applications, renewal application with major changes or applications for permits not waived by EPA, the Department, based upon preliminary reviews, also made a tentative determination of proposed effluent limitations and other terms and conditions for the permit applications listed in Section II. These determinations are published as proposed actions for comments prior to taking final actions.

Unless indicated otherwise, the EPA Region III Administrator has waived the right to review or object to this proposed permit action under the waiver provision 40 CFR 123.24(d).

Persons wishing to comment on the proposed permit are invited to submit a statement, to the office noted before the application within 30 days from the date of this public notice. Comments received within this 30-day comment period will be considered in the formulation of the final determinations regarding this application. The comments should include the name, address and telephone number of the writer and a concise statement to inform the Department of the exact basis of a comment and the relevant facts upon which it is based. A public hearing may be held if the responsible office considers the public response significant. Following the comment period, the Department's Water Management Program Manager will make a final determination regarding these applications. Notice of this final determination will be published in the *Pennsylvania Bulletin* at which time this determination may be appealed to the Environmental Hearing Board.

The renewal application, including proposed effluent limitations and special conditions, is available on file. For new permit applications, information submitted with the applications is

**WQM Permit No. 1501423**, Sewerage, **Phoenixville Borough**, 145 Church Road, Phoenixville, PA 19460. This proposed facility is located in Phoenixville Borough, **Chester County**.

Description of Proposed Action/Activity: Construction and operation to replace the existing French Creek Interceptor.

**WQM Permit No. 4601415**, Sewerage, **Lower Providence Township**, P. O. Box 193, 100 Park Lane Drive, Eagleville, PA 19403. This proposed facility is located in Lower Providence Township, **Montgomery County**.

Description of Proposed Action/Activity: Construction and operation of a wastewater collection system and two pump stations.

*Northeast Region: Water Management Program Manager, 2 Public Square, Wilkes-Barre, PA 18711-0790.*

**WQM Permit No. 5201402**, Sewerage, **Pike County Business Center Maintenance Association, Inc.**, P. O. Box A, Milford, PA 18337. This proposed facility is located in Blooming Grove Township, **Pike County**.

Description of Proposed Action/Activity: This project is subdivision of lands and the construction of the infrastructure for a new business center on a 615 acre tract of land in Blooming Grove Township. The collection and conveyance system will be a combination of gravity sewer and force mains, which will collect sewage from each lot to the treatment facility. A second force main will carry the recycled water from the plant back to each lot. The projected flow to the treatment facility is 10,000 GPD. Approximately 80% of the treated wastewater will be recycled and used as flush water for toilets and urinals. The remaining 20% will be discharged to a spray irrigation field.

*Southwest Region: Water Management Program Manager, 400 Waterfront Drive, Pittsburgh, PA 15222-4745.*

**Application No. 6501412**. Sewerage, **Dennis J. Gill**, Box 206, Slack Road, Boquet, PA 15644. Application for the construction and operation of a small flow sewage treatment plant to serve the Gill Residence located in Penn Township, **Westmoreland County**.

*Northwest Region: Water Management Program Manager, 230 Chestnut Street, Meadville, PA 16335-3481.*

**WQM Permit No. 1001415**, Sewerage, **Pinehurst Mobile Home Park**, 899 Rockdale Road, Butler, PA 16002. This proposed facility is located in Center Township, **Butler County**.

Description of Proposed Action/Activity: This project is for the construction and operation of a sewage treatment facility to serve a mobile home park.

**WQM Permit No. 2501427**, Sewerage, **Hickory Hill Country Village**, a Division of Thomas Mobile Home Park, 11962 U.S. Route 19, Waterford, PA 16441. This proposed facility is located in Waterford Township, **Erie County**.

Description of Proposed Action/Activity: This project is for the construction and operation of a sewage treatment facility to serve a mobile home park expansion.

**WQM Permit No. 1001414**, Sewerage, **Butler Area Sewer Authority**, 125 Pittsburgh Road, Butler, PA 16001-3259. This proposed facility is located in Butler Township, **Butler County**.

Description of Proposed Action/Activity: This project is for a pump station and sewer extension to serve a residential subdivision.

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*,  
of the right to begin to offer, render, furnish, and supply wastewater service to the public in  
portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.'S RESPONSES TO  
BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-39. Please confirm that Mainlines has all necessary permits, easements and rights-of-way  
required to provide adequate and reasonable wastewater service.

**RESPONSE:** Mainlines confirms that it possesses all permits, easements, and rights-of-way  
necessary to provide adequate and reasonable wastewater service within the Requested Territory.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*,  
of the right to begin to offer, render, furnish, and supply wastewater service to the public in  
portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.'S RESPONSES TO  
BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-40. Please provide a copy of the valid wastewater system operator's certificate for the operator currently operating each Mainlines Wastewater System and indicate if this same certified operator will continue to operate each Mainlines Wastewater System.

**RESPONSE:** Copies of Julio D. Pazmino's and Tammy A. Pazmino's valid wastewater system operator certificates are attached. They are the certified operators who will continue to operate each Mainlines Wastewater System.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025

# Commonwealth of Pennsylvania

## Department of Environmental Protection

*In accordance with the  
State Board for Certification of Water and Wastewater Systems Operators  
and the Regulations of the  
Department of Environmental Protection*

**JULIO D PAZMINO**

*Is Hereby Authorized to Operate*  
**WASTEWATER SYSTEM**

**Class: A,E, Wastewater**  
**Subclass: 1,2,3,4,5**

**Client ID: 196665**

**JULIO D PAZMINO**  
**6421 ROUTE 215**  
**GIRARD PA 16417-9021**

Issue Date Jul 1, 2024  
Expiration Date Jun 30, 2027

*Mary Roland*

**Certificate No. T4046**

Board Chairperson

# Commonwealth of Pennsylvania

## Department of Environmental Protection

*In accordance with the  
State Board for Certification of Water and Wastewater Systems Operators  
and the Regulations of the  
Department of Environmental Protection*

**TAMMY A PAZMINO**

*Is Hereby Authorized to Operate*  
**WASTEWATER SYSTEM**

**Class: B, Wastewater**  
**Subclass: 1,2,3**

**Client ID: 329425**

**TAMMY A PAZMINO**  
**6421 ROUTE 215**  
**GIRARD PA 16417-9021**

Issue Date Oct 1, 2025  
Expiration Date Sep 30, 2028

*Mary Roland*

**Certificate No. S20123**

Board Chairperson

# Commonwealth of Pennsylvania

## Department of Environmental Protection

*In accordance with the  
State Board for Certification of Water and Wastewater Systems Operators  
and the Regulations of the  
Department of Environmental Protection*

**JULIO D PAZMINO**

*Is Hereby Authorized to Operate*  
**WATER SYSTEM**

Client ID: 196665

Class: A,E, Water  
Subclass: 5,6,7,8,9,10,11,12,13,14,15

**JULIO D PAZMINO**  
6421 ROUTE 215  
GIRARD PA 16417-9021

Issue Date Oct 1, 2025  
Expiration Date Sep 30, 2028

*Mary Roland*

Certificate No. W10086

Board Chairperson

# Commonwealth of Pennsylvania

## Department of Environmental Protection

*In accordance with the  
State Board for Certification of Water and Wastewater Systems Operators  
and the Regulations of the  
Department of Environmental Protection*

**TAMMY A PAZMINO**

*Is Hereby Authorized to Operate*  
**WATER SYSTEM**

Client ID: 329425

Class: A, Water  
Subclass: 5,9,12

**TAMMY A PAZMINO**  
6421 ROUTE 215  
GIRARD PA 16417-9021

Issue Date Apr 1, 2023  
Expiration Date Mar 31, 2026

*Mary Roland*

Certificate No. W22324

Board Chairperson

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*, of the right to begin to offer, render, furnish, and supply wastewater service to the public in portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.’S RESPONSES TO BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-42. In the Application’s Section 28 and in the *pro forma* copy of the Affiliated Interest Agreement included in the Application’s Appendix 1 (AIA), Mainlines stated that Springhouse Waterworks, Inc. (Springhouse) will make its “offers” [*sic*] and/or employees available as needed to conduct the day-to-day operation of and perform management and supervisory duties of Mainlines and will also provide office space and vehicles. Also, Mainlines stated it will pay Springhouse a management fee of \$6,000 for these services. However, the billing frequency (i.e., “per year”, “per month”, etc.) of this fee is unclear. Please specify the proposed billing frequency of this management fee.

**RESPONSE:** The management fee referenced in the Application is billed monthly.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*,  
of the right to begin to offer, render, furnish, and supply wastewater service to the public in  
portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.'S RESPONSES TO  
BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-46. Please confirm that Mainlines has sufficient technical, managerial, and financial resources to own and operate the Mainlines Wastewater Systems and to furnish and maintain adequate, efficient, safe, and reasonable service and provide supporting documentation.

**RESPONSE:** Mainlines confirms that it possesses the technical, managerial, and financial resources necessary to own and operate the Mainlines Wastewater Systems and to furnish and maintain adequate, efficient, safe, and reasonable wastewater service.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*, of the right to begin to offer, render, furnish, and supply wastewater service to the public in portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.'S RESPONSES TO BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-47. Please explain why Application approval is necessary or proper for the service, accommodation, convenience, and safety of the public and in the public interest.

**RESPONSE:** Approval of the Application is necessary and proper for the service, accommodation, convenience, and safety of the public, as Mainlines has been continuously providing wastewater service to the customers in the Requested Territory for many years. Granting a Certificate of Public Convenience will bring Mainlines' longstanding service under the Commission's formal jurisdiction, ensuring regulatory oversight, service quality standards, and rate protection for existing customers.

Approval is in the public interest because it regularizes the utility relationship between Mainlines and the communities it already serves, promotes transparency and accountability, and supports the continued operation, maintenance, and improvement of the wastewater systems. Commission approval will therefore protect public health, ensure stable service, and confirm Mainlines' authority to continue providing safe and reliable wastewater service to its existing customer base.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*, of the right to begin to offer, render, furnish, and supply wastewater service to the public in portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.’S RESPONSES TO BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-48. The Application’s Exhibit B included copies of Federal Income Tax Returns for an entity named, “Mainlines & Manholes, Inc.” Please confirm that Mainlines and “Mainlines & Manholes, Inc.” are the same legal entity, or explain the relationship between these two entities and provide copies of Mainlines two most recent federal income tax returns.

**RESPONSE:** Mainlines confirms that “Mainlines & Manholes, Inc.” refers to the same underlying business entity as Mainlines, Manholes & Wastewater Treatment, Inc. The company has historically used variations of its name in certain filings and records, but all such references pertain to the same corporation operating under the same ownership and tax identification number. Accordingly, no separate federal income tax returns exist for a different entity.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*,  
of the right to begin to offer, render, furnish, and supply wastewater service to the public in  
portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.'S RESPONSES TO  
BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-49. Please verify that, pursuant to 52 Pa. Code § 3.501(f)(1), Mainlines served a complete copy of the Application with exhibits upon each city, borough, town, township, county and related planning office, which is included, in whole or in part, in the Requested Territory, as amended by Mainlines in supplemental information filed with the Commission.

**RESPONSE:** Mainlines verifies that it served a complete copy of the Application, including all exhibits, upon each city, borough, town, township, county, and related planning office that is included, in whole or in part, in the Requested Territory, as required by 52 Pa. Code § 3.501(f)(1). Specifically, service was made upon Girard Township and Fairview Township.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025

Application of Mainlines, Manholes & Wastewater Treatment, Inc. for approval, *nunc pro tunc*,  
of the right to begin to offer, render, furnish, and supply wastewater service to the public in  
portions of Girard and Waterford Townships, Erie County, Pennsylvania  
Docket No. A-2024-3050786

**MAINLINES, MANHOLES & WASTEWATER TREATMENT, INC.'S RESPONSES TO  
BUREAU OF TECHNICAL UTILITY SERVICES DATA REQUEST SET 1**

A-50. Please verify that, pursuant to 52 Pa. Code § 3.501(f)(2), Mainlines served a complete copy of the Application with exhibits upon each water or wastewater utility, municipal corporation or authority which provides wastewater collection, treatment or disposal service to the public and whose service area abuts or is within one mile of the Requested Territory, as amended by Mainlines in supplemental information filed with the Commission.

**RESPONSE:** Mainlines verifies that, based on its service records and a review of wastewater systems within one mile of the Requested Territory, no other public utility, municipal corporation, or authority provides wastewater collection, treatment, or disposal service to the public in or near the territory. The only wastewater systems located within one mile are those owned by Imperial Point Mobile Home Park and Waypoint Mobile Home Park, both of which are served by Mainlines.

**PROVIDED BY:** Paul Christopher Luciano

**DATE:** November 21, 2025

**VERIFICATION**

I, Paul Christopher Luciano, Vice President on behalf of Mainlines, Manholes & Wastewater Treatment, Inc., hereby state that the facts above set forth are true and correct to the best of my knowledge, information and belief, and that I expect to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities).



Paul Christopher Luciano, Vice President

Dated: 11-21-25