



**WEST NORRITON TOWNSHIP  
MONTGOMERY COUNTY, PENNSYLVANIA**

**2023 Municipal Wasteload Management Report  
(Chapter 94 Report)  
For Calendar Year 2022**

**Prepared For:**

**West Norriton Township  
1630 W. Marshall Street  
Jeffersonville, PA 19403**

**March 2023**

**File No. 2023-02064**

**Prepared By:**

**Gilmore & Associates, Inc.  
Engineers ♦ Land Surveyors ♦ Planners ♦ GIS Consultants  
65 E. Butler Avenue, Suite 100  
New Britain, PA 18901  
215-345-4330**



**GILMORE & ASSOCIATES, INC.**  
ENGINEERING & CONSULTING SERVICES



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## CHAPTER 94 MUNICIPAL WASTELOAD MANAGEMENT ANNUAL REPORT

**For Calendar Year: 2022**

- Permittee is owner and/or operator of a POTW or other sewage treatment facility  
 Permittee is owner and/or operator of a collection system tributary to a POTW not owned/operated by permittee

GENERAL INFORMATION			
Permittee Name:	West Norriton Township	Permit No.:	PA (N/A)
Mailing Address:	1630 W. Marshall Street	Effective Date:	N/A
City, State, Zip:	Jeffersonville, PA 19403	Expiration Date:	N/A
Contact Person:	Jason M. Bobst	Renewal Due Date:	N/A
Title:	Township Manager	Municipality:	West Norriton Township
Phone:	(610) 631-0450	County:	Montgomery County
Email:	jbobst@wntwp.com	Consultant Name:	Gilmore & Associates, Inc.
CHAPTER 94 REPORT COMPONENTS			
<p>1. Attach to this report a line graph depicting the monthly average flows (expressed in MGD) for each month for the past 5 years and projecting the flows for the next 5 years. The graph must also include a line depicting the hydraulic design capacity per the WQM permit. (25 Pa. Code § 94.12(a)(1))</p> <p><b>Check the appropriate boxes:</b></p> <p><input type="checkbox"/> Line graph for flows attached (<b>Attachment</b> )</p> <p><input type="checkbox"/> DEP Chapter 94 Spreadsheet used (<b>Attachment</b> )</p> <p><input checked="" type="checkbox"/> Section 1 is not applicable (report is for a collection system).</p>			
<p>2. Attach to this report a line graph depicting the monthly average organic loads (express as lbs BOD5/day) for each month for the past 5 years and projecting the organic loads for the next 5 years. The graph must also include a line depicting the organic design capacity of the treatment plant per the WQM permit. (25 Pa. Code § 94.12(a)(2))</p> <p><b>Check the appropriate boxes:</b></p> <p><input type="checkbox"/> Line graph for organic loads attached (<b>Attachment</b> )</p> <p><input type="checkbox"/> DEP Chapter 94 Spreadsheet used (<b>Attachment</b> )</p> <p><input checked="" type="checkbox"/> Section 2 is not applicable (report is for a collection system).</p>			
<p>3. If the DEP Chapter 94 Spreadsheet was not used to determine projections, discuss the basis for the hydraulic and organic projections. In all cases, include a description of the time needed to expand the plant to meet the load projections, if necessary, and data used to support the projections should be included in an appendix to this report. (25 Pa. Code § 94.12(a)(3))</p> <p><b>All flow is treated by Norritown Municipal Waste Authority at their wastewater treatment plant. See Attachment E.</b></p>			

4. Attach a map showing all sewer extensions constructed within the past calendar year, sewer extensions approved or exempted in the past year in accordance with Act 537 and Chapter 71, but not yet constructed, and all known proposed projects which require public sewers but are in the preliminary planning stages. The map must be accompanied by a list summarizing each extension or project and the population to be served by the extension or project. If a sewer extension approval or proposed project includes schedules describing how the project will be completed over time, the listing should include that information and the effect this build-out-rate will have on populations served. (25 Pa. Code § 94.12(a)(4))

**Check the appropriate boxes:**

- Map showing sewer extensions constructed, approved/exempted but not yet constructed, and proposed projects attached (**Attachment B**)
- List summarizing each extension or project attached (**Attachment A**)
- Schedules describing how each project will be completed over time and effects attached (**Attachment 1**)

**Comments:**

**No new sewer or manholes were installed in 2022.**

**The sewer in Markley Farms Ph. 1 has been dedicated. Ph 2 is awaiting dedication (556 LF of 8" Sewer, 13 manholes)**

**10 new connections (10 EDUs) occurred in 2022. See below and Attachment A - Table 1**

**Reserve at Stoney Creek - 8 new connections**

**43 W. Indian Lane & 2524 Stinson Ln - 1 new connection each**

5. Discuss the permittee's program for sewer system monitoring, maintenance, repair and rehabilitation, including routine and special activities, personnel and equipment used, sampling frequency, quality assurance, data analyses, infiltration/inflow monitoring, and, where applicable, maintenance and control of combined sewer regulators during the past year. Attach a separate sheet if necessary. (25 Pa. Code § 94.12(a)(5))

**See Attachment C**

6. Discuss the condition of the sewer system including portions of the system where conveyance capacity is being exceeded or will be exceeded in the next 5 years and portions where rehabilitation or cleaning is needed or is underway to maintain the integrity of the system and prevent or eliminate bypassing, CSOs, SSOs, excessive infiltration and other system problems. Attach a separate sheet if necessary. (25 Pa. Code § 94.12(a)(6))

**Check the appropriate boxes:**

- System experienced capacity-related bypassing, SSOs or surcharging during the report year. On a separate sheet, list the date, location, and reason for each bypass, SSO or surcharge event.
- System did not experience capacity-related bypassing, SSOs or surcharging during the report year.

**Comments:**

**The Township is currently in the process of televising the and repairing the system as budget allows. See attached map of work done to date.**

7. Attach a discussion on the condition of sewage pumping (pump) stations. Include a comparison of the maximum pumping rate with present maximum flows and the projected 2-year maximum flows for each station. (25 Pa. Code § 94.12(a)(7))

**Check the appropriate boxes:**

- The collection system does not contain pump stations  
 The collection system does contain pump stations (Number – 6)  
 Discussion of condition of each pump station attached (**Attachment D**)

8. If the sewage collection system receives industrial wastes (i.e., non-sanitary wastes), attach a report with the information listed below. (25 Pa. Code § 94.12(a)(8))

- a. A copy of any ordinance or regulation governing industrial waste discharges to the sewer system or a copy of amendments adopted since the initial submission of the ordinance or regulation under Chapter 94, if it has not previously been submitted.
- b. A discussion of the permittee's or municipality's program for surveillance and monitoring of industrial waste discharges into the sewer system during the past year.
- c. A discussion of specific problems in the sewer system or at the plant, known or suspected to be caused by industrial waste discharges and a summary of the steps being taken to alleviate or eliminate the problems. The discussion shall include a list of industries known to be discharging wastes which create problems in the plant or in the sewer system and action taken to eliminate the problem or prevent its recurrence. The report may describe pollution prevention techniques in the summary of steps taken to alleviate current problems caused by industrial waste dischargers and in actions taken to eliminate or prevent potential or recurring problems caused by industrial waste dischargers.

**Check the appropriate boxes:**

- Industrial waste report as described in 8 a., b. and c. attached (**Attachment F**)  
 Industrial pretreatment report as required in an NPDES permit attached (**Attachment** )

9. Existing or Projected Overload.

**Check the appropriate boxes:**

- This report demonstrates an existing hydraulic overload condition.  
 This report demonstrates a projected hydraulic overload condition.  
 This report demonstrates an existing organic overload condition.  
 This report demonstrates a projected organic overload condition.

If one or more boxes above have been checked, attach a Corrective Action Plan (CAP) to reduce or eliminate present or projected overloaded conditions under §§ 94.21 and/or 94.22 (relating to existing overload and projected overload). (25 Pa. Code § 94.12(a)(9))

- Corrective Action Plan attached (**Attachment** )

10. Where required by the NPDES permit, attach a Sewage Sludge Management inventory that demonstrates a mass balance of solids coming in and leaving the facility over the previous calendar year.

- Sewage Sludge Management Inventory attached (**Attachment** )

11. For facilities with CSOs and where required by the NPDES permit, attach an Annual CSO Report (including satellite combined sewer systems).

Annual CSO Report attached (**Attachment** )

12. For POTWs, attach a calibration report documenting that flow measuring, indicating and recording equipment has been calibrated annually. (25 Pa. Code § 94.13(b))

Flow calibration report attached (**Attachment G**)

### RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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 knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

**Jason M. Bobst, Township Manager**

Name of Responsible Official

Signature

**(610) 631-0450**

**March 1, 2023**

Telephone No.

Date

### PREPARER CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared by me or otherwise under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. 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 knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

**Thomas J. Figaniak, P.E.**

Name of Preparer

Signature

**(215) 345-4330**

**March 1, 2023**

Telephone No.

Date

**ATTACHMENT A**

**ACTIVE, APPROVED AND PLANNED DEVELOPMENT**

**TABLE 1  
ACTIVE, APPROVED AND PLANNED DEVELOPMENTS  
WEST NORRITON TOWNSHIP**

NAME		Drainage Basin	Status	Total Project Connections		Connections Prior to 2022		2022 Connections		Remaining EDUs		Projected Buildout Schedule									
Map Reference (1)	Approved Developments			EDUs	Flow	EDUs	Flow	EDUs	Flow	Total EDUs	Total Flow (2)	2023		2024		2025		2026		2027	
												EDUs	Flow	EDUs	Flow	EDUs	Flow	EDUs	Flow	EDUs	Flow
1	The Reserve at Stoney Creek	Whitehall	Under Construction	51	14,535	33	9,405	8	2,280	10	2,850	10	2,850	0	0	0	0	0	0	0	0
2	Norristown School District	Whitehall	Approved	10	2,850	0	-	0	0	10	2,850	0	0	0	0	0	0	0	0	10	2,850
3	Apartments at Schuylkill & Main Street	Rittenhouse	Under Construction	22	6,270	0	-	0	0	22	6,270	0	0	0	0	10	2,850	12	3,420	0	0
4	43 W. Indian Lane	Rittenhouse	Connected	1	285	0	-	1	285	0	0	0	0	0	0	0	0	0	0	0	0
5	2524 Stinson Lane	Rittenhouse	Connected	1	285	0	-	1	285	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved Sub Total EDUs / Flow</b>				<b>85</b>	<b>24,225</b>	<b>33</b>	<b>9,405</b>	<b>10</b>	<b>2,850</b>	<b>42</b>	<b>11,970</b>	<b>10</b>	<b>2,850</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>2,850</b>	<b>12</b>	<b>3,420</b>	<b>10</b>	<b>2,850</b>

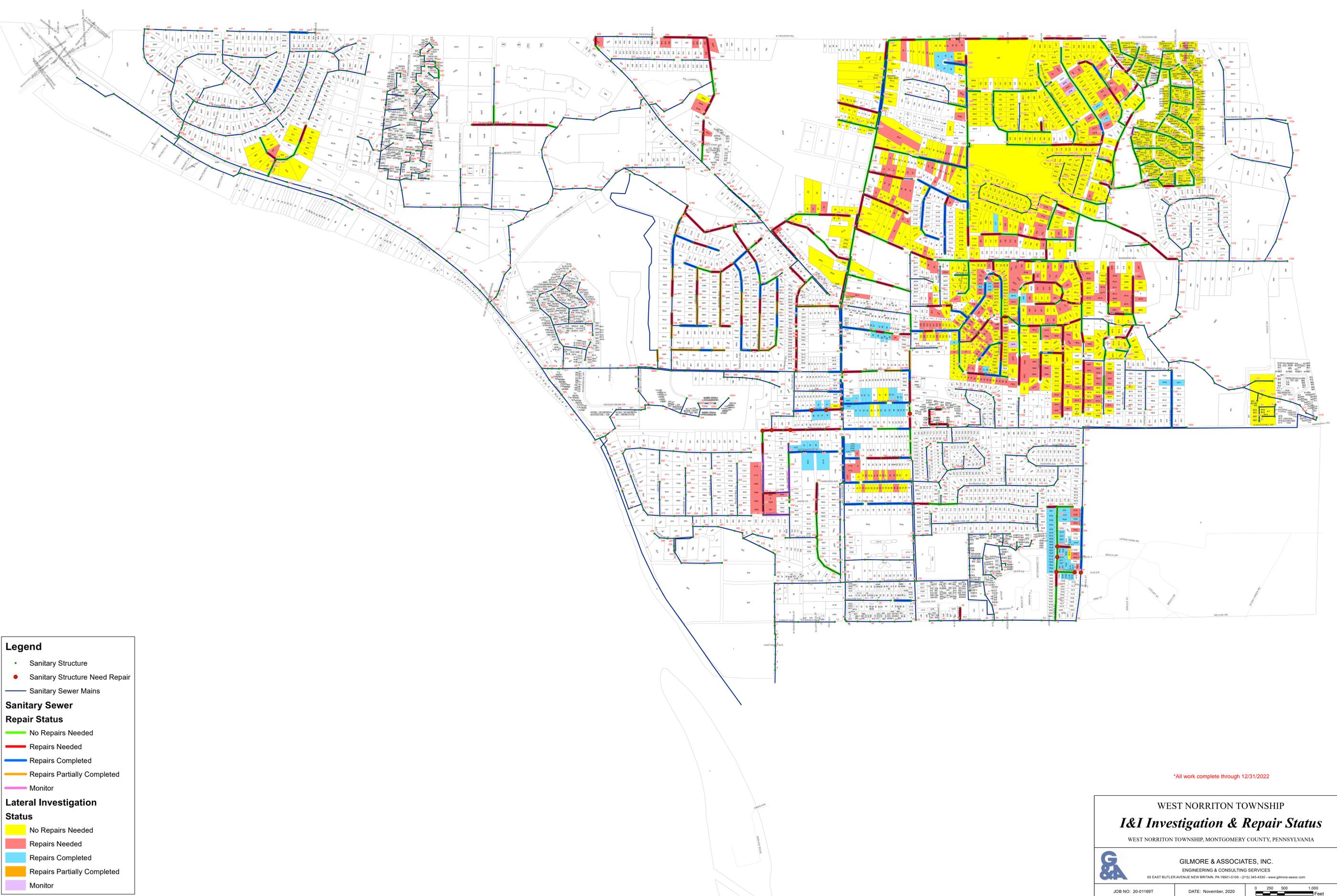
Map Reference (1)	Planned Developments	Drainage Basin	Status	EDUs	Flow	EDUs	Flow	EDUs	Flow	Total EDUs	Total Flow (2)	2023		2024		2025		2026		2027	
												EDUs	Flow	EDUs	Flow	EDUs	Flow	EDUs	Flow	EDUs	Flow
6	Office Building at 239 Egypt Road	Rittenhouse	In Planning Stages	11	3,135	0	-	0	-	11	3,135	0	0	0	0	0	0	0	0	11	3,135
7	2580 Industry Lane	Whitehall	In Planning Stages	1	285	0	-	0	-	1	285	1	285	0	0	0	0	0	0	0	0
	Fill in Lots and OLDs	-	-					-	-	5	1,425	1	285	1	285	1	285	1	285	1	285
<b>Planned Sub Total EDUs / Flow</b>				<b>17</b>	<b>4,845</b>					<b>17</b>	<b>4,845</b>	<b>2</b>	<b>570</b>	<b>1</b>	<b>285</b>	<b>1</b>	<b>285</b>	<b>1</b>	<b>285</b>	<b>12</b>	<b>3,420</b>

<b>TOTAL</b>	<b>59</b>	<b>16,815</b>	<b>12</b>	<b>3,420</b>	<b>1</b>	<b>285</b>	<b>11</b>	<b>3,135</b>	<b>13</b>	<b>3,705</b>	<b>22</b>	<b>6,270</b>
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**Notes:**  
(1) See Attachment B for Development locations  
(2) Total Flow based on 1 EDU = 285 gpd

**ATTACHMENT B**  
**SANITARY SEWER SYSTEM MAP**



**Legend**

- Sanitary Structure
- Sanitary Structure Need Repair
- Sanitary Sewer Mains

**Sanitary Sewer Repair Status**

- No Repairs Needed
- Repairs Needed
- Repairs Completed
- Repairs Partially Completed
- Monitor

**Lateral Investigation Status**

- No Repairs Needed
- Repairs Needed
- Repairs Completed
- Repairs Partially Completed
- Monitor

\*All work complete through 12/31/2022

WEST NORRITON TOWNSHIP  
***I&I Investigation & Repair Status***  
WEST NORRITON TOWNSHIP, MONTGOMERY COUNTY, PENNSYLVANIA

**GILMORE & ASSOCIATES, INC.**  
ENGINEERING & CONSULTING SERVICES  
65 EAST BUTLER AVENUE NEW BRITAIN, PA 18901-5106 - (215) 345-4330 - www.gilmore-assoc.com

JOB NO: 20-01169T      DATE: November, 2020      0 250 500 1,000 Feet

**ATTACHMENT C**  
**SANITARY SEWER SYSTEM**  
**MONITORING, MAINTENANCE, REPAIR & REHABILITATION**

## **SANITARY SEWER SYSTEM MONITORING, MAINTENANCE, REPAIR & REHABILITATION**

### **Pump Stations**

West Norriton Township (WNT) currently performs routine maintenance on all pump stations owned and operated. Routine maintenance of the pump stations generally includes, but is not limited to, the following tasks:

- Inspected daily
- Wet wells cleaned
- Floats cleaned
- Standby pumps exercised
- Pumps lubricated
- Filter(s) cleaned
- Compressor tank drained of condensation and inspected
- Oil and coolant checked in generators
- Exercise generators
- Exercise alarms
- Bubbler system and sump pumps inspected
- Grease removed
- Basket cleaned
- Building(s) cleaned
- Grounds maintained

Specific maintenance performed and improvements made on the pump stations during 2022 can be found within Attachment D.

### **Collection System**

WNT is continuously working to identify and remove Inflow & Infiltration (I&I) from its sanitary sewer system. The Sewer System Map in Attachment B identifies the sewers and manholes that were televised and repaired to date thru 2022. Needed repairs to the sanitary sewers and manholes are continuously being investigated and prioritized as televising/repairs occur. Significant corrective repair efforts commenced during 2017 and continued through 2022. WNT has worked with various contractors as needed for repairing mains/laterals, predominantly utilizing trenchless technologies such as grouting and cured in place pipe (CIPP) repair liners. The Township also works with contractors as needed when unanticipated work arises.

Since significant progress has been made by WNT to reduce I&I in the system and there is no more evidence that the sanitary sewer system is hydraulically overloaded, DEP has removed formal CAP/CMP oversight. WNT will continue to work with DEP to manage connections. Though the formal CAP/CMP is removed, WNT is still committed to continue with I&I remediation as funding is available. WNT is also committed to eliminate all illegal connections to the system, such as sump pumps, rainwater conductors, and deficient laterals. WNT will continue inspections of properties at time of sale to locate any potential remaining connections.

**ATTACHMENT D**  
**PUMP STATION INFORMATION**

## PUMP STATION INFORMATION

The Township owns and maintains six (6) pump stations within the existing collection system:

- Rittenhouse Pump Station
- Whitehall Pump Station
- Forrest Avenue Pump Station
- Port Indian Pump Station
- Chestnut Avenue Pump Station
- Halford Hills Pump Station

1. Rittenhouse Pump Station: Originally constructed in 1965, was comprised of three (3)-75 hp pumps, each capable of 1,750 gpm. The pump station was configured in a wet/well dry well orientation. This station was upgraded circa 1983 and 1995, each time with larger pumps to accommodate additional flow. A new submersible pump station with an emergency generator was constructed in 2015 on the same site. The firm pumping capacity for the new pump station is 3,680 gallons per minute (gpm) (5.3 mgd) with two pumps operating. The system has a standard alarm system with a dialer to notify the Township of any problems.
2. Whitehall Pump Station: Constructed in 1965, is comprised of three (3)-60 hp pumps, each capable of 950 gpm. This station was upgraded in 1995 with pumps relocated from Rittenhouse Pump Station, each pump is 100 hp and capable of 1,750 gpm as part of the upgrade. PA DEP Water Quality Management (WQM) permit application for Whitehall Pump Station is approved. Project is currently on hold until funding is available.
3. Forrest Avenue Pump Station: Constructed in the 1960s, was comprised of two (2)-50 hp pumps, each capable of 600 gpm. This station was upgraded in the 1980s with the addition of an emergency generator. Pumps have been rebuilt in 2013. The station was renovated in 2021 for safety concerns and replaced with two (2)-15 hp pumps, each capable of 600 gpm.
4. Port Indian Pump Station: Constructed in the 1990s, is comprised of two (2)-40 hp pumps, each capable of 1,000 gpm. Pumps have been rebuilt in 2013.
5. Chestnut Avenue Pump Station: Constructed in the 1970s, is comprised of two (2)-15 hp pumps, each capable of 150 gpm. This pump station was replaced in 2004 with a new station with two (2)-20 pumps, capable of 180 gpm and an emergency generator.
6. Halford Hills Pump Station: Constructed in the 1970s, is comprised of two (2)-5 hp pumps, each capable of 25 gpm.

The following tables represent pump run times and flows for the six (6) collection system pump stations operated by the Township. Flow data has been included in the appendices to show the five (5) year summary of Rittenhouse Pump Station and Jackson Street flows to NMWA.

**ATTACHMENT D**  
**TABLE 4**  
**PUMP STATION INFORMATION**  
**WEST NORRITON TOWNSHIP**  
**2022**

Name and Location of Pumping Station	Installation / Expansion Date	Number of Pumps	Pump Manufacturer	Drive Type	Capacity (gpm) each Pump	Maximum Pumping Capacity	Flow Meter	Standby Generator	Estimated Connected EDUs	Flow (mgd) 2022 Monthly Average / Peak	Additional EDUs Projected in Next 2 Years	Projected Flow in Next 2 Years (mgd) Average / Peak
Rittenhouse Boulevard	2015	3	Fairbanks-Morse	Variable	2500 gpm @124 ft. TDH	3,680 gpm - 5.3 mgd with 2 pumps	Yes	Yes	3,198	2.024 / 3.328	0 EDUs / 0 gpd / 0.000 mgd	2.024 / 3.328
Chestnut Avenue	2004	2	Hydromatic	Fixed	180 gpm @30 ft. TDH	180 gpm - 0.259 mgd	Yes	Yes	280	0.077 / 0.109	0 EDUs / 0 gpd / 0.000 mgd	0.077 / 0.109
Whitehall Road	1994	3	Fairbanks-Morse	Variable	1750 gpm @220 ft. TDH	2625 gpm - 3.78 mgd with 2 pumps	Yes	Yes	1,588	0.613 / 0.968	9 EDUs / 2,025 gpd / 0.002 mgd	0.615 / 0.970
Forest Avenue	2021	2	Fairbanks Nijhuis	Fixed	600 gpm @63 ft. TDH	600 gpm - 0.864 mgd	Yes	Yes	530	0.154 / 0.228	0 EDUs / 0 gpd / 0.000 mgd	0.154 / 0.228
Port Indian Road	1999	2	Fairbanks-Morse	Fixed	1000 gpm @113 ft. TDH	1000 gpm -1.44 mgd	Yes	Yes	1,230	0.316 / 0.467	0 EDUs / 0 gpd / 0.000 mgd	0.316 / 0.467
Halford Hills	1995	2	Hydromatic	Fixed	25 gpm @50 ft. TDH	25 gpm - 0.036 mgd	No	No	10	0.0021 / 0.0025	0 EDUs / 0 gpd / 0.000 mgd	0.0021 / 0.0025

1 EDU = 285 gpd

**TABLE 5**  
**PUMP STATIONS MONTHLY AVERAGE DAILY FLOWS**  
**WEST NORRITON TOWNSHIP**  
**2022**

<b>Month</b>	<b>Rittenhouse Blvd (gpd)</b>	<b>Whitehall Road (gpd)</b>	<b>Port Indian Road (gpd)</b>	<b>Forest Avenue (gpd)</b>	<b>Chestnut Avenue (gpd)</b>	<b>Halford Hills (gpd)</b>
January	1,899,742	579,917	330,145	127,800	77,703	1,975
February	2,212,786	701,711	467,206	144,000	82,667	1,935
March	2,378,867	607,748	355,810	142,200	81,152	2,000
April	3,328,400	968,257	332,680	210,600	109,216	2,550
May	2,258,133	761,963	422,062	154,200	87,187	2,375
June	1,692,820	522,187	251,189	113,400	63,123	2,100
July	1,364,994	441,726	198,349	101,160	57,510	1,905
August	1,334,526	415,719	188,114	115,200	56,603	2,025
September	1,451,550	505,755	250,680	168,840	64,655	2,070
October	1,929,745	599,866	294,701	174,960	79,945	1,965
November	1,781,123	517,297	235,008	177,480	73,527	2,295
December	2,663,687	745,142	436,448	227,520	94,527	2,535
<b>Average</b>	2,024,698	613,941	313,533	154,780	77,318	2,144
<b>Peak</b>	3,328,400	968,257	467,206	227,520	109,216	2,550

# 2022 Chestnut Avenue Pump Station Annual Report

West Norriton Township  
Montgomery County, Pennsylvania

PERIODS	PUMP #1		PUMP #2		PUMP STATION TOTAL FLOW	
	TOTAL RUN HOURS	AVE HOURS/DAY	TOTAL RUN HOURS	AVE HOURS/DAY	GALLON	GAL/DAY
1/3/2022 - 2/1/2022	116.33	4.00	151.58	5.48	2,253,400	77,703
2/1/2022 - 3/1/2022	123.38	4.57	142.03	5.26	2,232,000	82,667
3/1/2022 - 4/1/2022	129.12	4.17	176.57	5.68	2,515,700	81,152
4/1/2022 - 5/1/2022	193.38	6.23	280.70	9.05	3,385,700	109,216
5/1/2022 - 6/1/2022	146.35	4.88	196.12	6.53	2,615,600	87,187
6/1/2022 - 7/1/2022	98.33	3.28	126.41	4.21	1,893,700	63,123
7/1/2022 - 8/1/2022	90.14	2.91	121.96	3.93	1,782,800	57,510
8/1/2022 - 9/1/2022	89.10	2.87	121.96	3.93	1,754,700	56,603
9/1/2022 - 10/1/2022	109.65	3.32	152.68	4.64	2,133,600	64,655
10/1/2022 - 11/1/2022	152.13	5.25	176.85	6.10	2,231,400	79,945
11/1/2022 - 12/1/2022	117.87	3.93	161.16	5.39	2,205,800	73,527
12/1/2022 - 1/1/2023	177.95	5.39	239.56	7.26	3,119,400	94,527
<b>Annual Average Month</b>						<b>77,318</b>
<b>Peak Month</b>						<b>109,216</b>
<b>Peaking Factor</b>						<b>1.41</b>

# 2022 Whitehall Road Pump Station Annual Report

West Norriton Township  
Montgomery County, Pennsylvania

PERIODS	PUMP #1		PUMP #2		PUMP #3		PUMP STATION TOTAL FLOW	
	TOTAL RUN HOURS	AVE HOURS/DAY	TOTAL RUN HOURS	AVE HOURS/DAY	TOTAL RUN HOURS	AVE HOURS/DAY	GALLON	GAL/DAY
1/3/2022 - 2/1/2022	354.80	12.23	0.00	0.00	347.90	12.00	16,817,600	579,917
2/1/2022 - 3/1/2022	21.00	2.10	115.40	6.79	518.60	18.52	19,647,500	701,711
3/1/2022 - 4/1/2022	0.00	0.00	248.40	8.02	493.80	15.93	18,840,200	607,748
4/1/2022 - 5/1/2022	96.50	8.77	297.50	9.92	408.10	13.60	29,047,700	968,257
5/1/2022 - 6/1/2022	254.80	8.48	259.10	8.63	258.70	8.62	22,858,900	761,963
6/1/2022 - 7/1/2022							15,665,600	522,187
7/1/2022 - 8/1/2022	248.30	8.01	250.10	8.07	247.10	7.97	13,693,500	441,726
8/1/2022 - 9/1/2022	248.30	8.01	248.70	8.02	248.70	8.02	12,887,300	415,719
9/1/2022 - 10/1/2022	265.20	8.04	272.50	8.26	257.40	7.80	16,689,900	505,755
10/1/2022 - 11/1/2022	184.70	6.37	234.70	8.09	219.30	7.56	17,396,100	599,866
11/1/2022 - 12/1/2022	242.30	8.08	233.10	7.77	179.00	5.97	15,518,900	517,297
12/1/2022 - 1/1/2023	311.20	9.43	234.30	7.10	208.30	6.31	24,589,700	745,142
<b>Annual Average Month</b>								613,941
<b>Peak Month</b>								968,257
<b>Peaking Factor</b>								1.58

Months	Comments
January	Pump #2 out of operation.
February	Pump #1 out of operation 2/11. Pump #2 back in operation 2/11.
March	Pump #1 out of operation.
April	Pump #1 back in operation 4/20.
October	Pump #1 out of operation 10/6-10/10.
November	Pump #2 running in reverse. Pump #2 repaired.
December	Pump #3 out of operation 12/13-12/30.

# 2022 Port Indian Pump Station Annual Report

West Norriton Township  
Montgomery County, Pennsylvania

PERIODS	PUMP #1		PUMP #2		PUMP STATION TOTAL FLOW	
	TOTAL RUN HOURS	AVE HOURS/DAY	TOTAL RUN HOURS	AVE HOURS/DAY	GALLONS	GAL/DAY
1/3/2022 - 2/1/2022	104.33	3.60	88.62	3.05	9,574,200	330,145
2/1/2022 - 3/1/2022	67.01	2.39	53.43	1.91	13,081,780	467,206
3/1/2022 - 4/1/2022	148.50	4.78	104.05	3.37	10,410,125	355,810
4/1/2022 - 5/1/2022	238.78	7.97	166.47	5.55	10,313,076	332,680
5/1/2022 - 6/1/2022	150.53	5.02	97.07	3.23	12,661,855	422,062
6/1/2022 - 7/1/2022	45.71	1.52	67.96	2.27	7,535,679	251,189
7/1/2022 - 8/1/2022	48.76	1.63	44.14	1.47	5,950,459	198,349
8/1/2022 - 9/1/2022	49.88	1.61	44.8	1.45	5,831,539	188,114
9/1/2022 - 10/1/2022	68.93	2.15	57.17	1.79	8,021,768	250,680
10/1/2022 - 11/1/2022	80.28	2.68	67.17	2.24	8,841,033	294,701
11/1/2022 - 12/1/2022	68.25	2.28	57.72	1.92	7,050,252	235,008
12/1/2022 - 1/1/2023	137.18	4.16	106.10	3.21	14,402,784	436,448
<b>Annual Average Month</b>						<b>313,533</b>
<b>Peak Month</b>						<b>467,206</b>
<b>Peaking Factor</b>						<b>1.49</b>

Date	Comments

# 2022 Forest Avenue Pump Station Annual Report

West Norriton Township  
Montgomery County, Pennsylvania

PERIODS	PUMP #1			PUMP #2			PUMP STATION TOTAL FLOW	
	TOTAL RUN HOURS	AVE HOURS/DAY	GAL/DAY	TOTAL RUN HOURS	AVE HOURS/DAY	GAL/DAY	GALLON	GAL/DAY
1/3/2022 - 2/1/2022	51.60	1.78	64,200	51.40	1.77	63,600	3,708,000	127,800
2/1/2022 - 3/1/2022	56.70	2.02	72,720	55.40	1.98	71,280	4,035,600	144,000
3/1/2022 - 4/1/2022	61.70	1.98	71,400	60.90	1.97	70,800	4,413,600	142,200
4/1/2022 - 5/1/2022	91.20	2.93	105,600	90.60	2.92	105,000	6,544,800	210,600
5/1/2022 - 6/1/2022	65.40	2.18	78,600	64.60	2.10	75,600	4,680,000	154,200
6/1/2022 - 7/1/2022	47.90	1.60	57,600	46.40	1.55	55,800	3,394,800	113,400
7/1/2022 - 8/1/2022	42.50	1.42	51,120	41.80	1.39	50,040	3,034,800	101,160
8/1/2022 - 9/1/2022	46.30	1.54	55,440	49.90	1.66	59,760	3,463,200	115,200
9/1/2022 - 10/1/2022	62.20	1.94	69,840	87.90	2.75	99,000	5,403,600	168,840
10/1/2022 - 11/1/2022	65.50	2.26	81,360	75.50	2.60	93,600	5,076,000	174,960
11/1/2022 - 12/1/2022	74.90	2.50	90,000	72.90	2.43	87,480	5,320,800	177,480
12/1/2022 - 1/1/2023	104.70	3.17	104	103.90	3.15	113,400	7,509,600	227,520
<b>Annual Average Month</b>								<b>154,780</b>
<b>Peak Month</b>								<b>227,520</b>
<b>Peaking Factor</b>								<b>1.47</b>

Months	Comments

# 2022 Halford Hills Estates Pump Station Annual Report

West Norriton Township  
Montgomery County, Pennsylvania

PERIODS	PUMP #1			PUMP #2			PUMP STATION TOTAL FLOW	
	TOTAL RUN HOURS	AVE HOURS/DAY	GAL/DAY	TOTAL RUN HOURS	AVE HOURS/DAY	GAL/DAY	GALLON	GAL/DAY
1/3/2022 - 2/1/2022	24.12	0.83	1,250	13.92	0.48	725	57,050	1,975
2/1/2022 - 3/1/2022	21.82	0.81	1,215	13.05	0.48	720	52,305	1,935
3/1/2022 - 4/1/2022	26.25	0.85	1,275	15.07	0.48	725	61,975	2,000
4/1/2022 - 5/1/2022	32.67	1.08	1,625	18.70	0.62	925	77,050	2,550
5/1/2022 - 6/1/2022	30.42	1.02	1,525	16.88	0.57	850	70,950	2,375
6/1/2022 - 7/1/2022	25.16	0.90	1,350	13.99	0.50	750	58,725	2,100
7/1/2022 - 8/1/2022	24.99	0.81	1,215	14.22	0.46	690	58,815	1,905
8/1/2022 - 9/1/2022	27.58	0.86	1,290	15.52	0.49	735	64,650	2,025
9/1/2022 - 10/1/2022	27.21	0.88	1,320	15.54	0.50	750	64,125	2,070
10/1/2022 - 11/1/2022	25.04	0.83	1,245	14.44	0.48	720	59,220	1,965
11/1/2022 - 12/1/2022	32.01	0.97	1,455	18.48	0.56	840	75,735	2,295
12/1/2022 - 1/1/2023	31.87	1.06	1,590	18.82	0.63	945	76,035	2,535
							<b>Annual Average Month</b>	<b>2,144</b>
							<b>Peak Month</b>	<b>2,550</b>
							<b>Peaking Factor</b>	<b>1.19</b>

Months	Comments
July	Station shut down 7/5-7/9. Bypass hauled.

# 2022 Rittenhouse Pump Station Annual Report

West Norriton Township  
Montgomery County, Pennsylvania

PERIODS	PUMP #1		PUMP #2		PUMP #3		PUMP STATION TOTAL FLOW	
	TOTAL RUN HOURS	AVE HOURS/DAY	TOTAL RUN HOURS	AVE HOURS/DAY	TOTAL RUN HOURS	AVE HOURS/DAY	GALLONS	GAL/DAY
1/3/2022 - 2/1/2022	0.00	0.00	148.45	4.78	537.60	17.33	58,892,000	1,899,742
2/1/2022 - 3/1/2022	59.40	4.24	144.50	9.03	436.00	15.57	61,958,000	2,212,786
3/1/2022 - 4/1/2022	42.80	1.43	0.00	0.00	649.80	21.67	71,366,000	2,378,867
4/1/2022 - 5/1/2022	453.90	15.13	0.00	0.00	428.10	14.27	99,852,000	3,328,400
5/1/2022 - 6/1/2022	154.60	5.15	204.40	6.82	372.90	12.43	77,344,000	2,258,133
6/1/2022 - 7/1/2022	117.50	3.92	147.80	4.93	224.40	7.48	50,784,600	1,692,820
7/1/2022 - 8/1/2022	109.60	3.54	121.60	3.92	151.90	4.90	42,314,800	1,364,994
8/1/2022 - 9/1/2022	114.30	3.69	117.4	3.79	149.2	4.81	41,370,300	1,334,526
9/1/2022 - 10/1/2022	123.20	4.11	128.7	4.29	160.6	5.35	43,546,500	1,451,550
10/1/2022 - 11/1/2022	122.30	3.95	168.40	5.43	305.90	9.87	59,822,100	1,929,745
11/1/2022 - 12/1/2022	0.00	0.00	243.50	8.12	302.70	10.09	53,433,700	1,781,123
12/1/2022 - 1/1/2023	0.30	0.01	362.10	11.68	311.50	10.05	82,574,300	2,663,687
<b>Annual Average Month</b>								<b>2,024,698</b>
<b>Peak Month</b>								<b>3,328,400</b>
<b>Peaking Factor</b>								<b>1.64</b>

Months	Comments
January	Pump #1 out of operation.
February	Pump #1 back in operation 2/18. Pump #2 out of operation 2/17.
March - April	Pump #2 out of operation.
May	Pump #2 back in operation.
October - December	Pump #1 out of operation 10/24.

# 2022 Jackson Street Metering Pit Annual Report

West Norriton Township  
 Montgomery County, Pennsylvania

PERIODS	TOTAL FLOW	
	GALLONS	GAL/DAY
1/3/2022 - 2/1/2022	10,139,900	349,652
2/1/2022 - 3/1/2022	10,619,500	379,268
3/1/2022 - 4/1/2022	9,630,200	310,652
4/1/2022 - 5/1/2022	4,699,300	151,590
5/1/2022- 6/1/2022	2,825,800	94,193
6/1/2022 - 7/1/2022	4,180,600	139,353
7/1/2022 - 8/1/2022	3,907,100	126,035
8/1/2022 - 9/1/2022	4,182,300	134,913
9/1/2022 - 10/1/2022	6,232,800	194,775
10/1/2022- 11/1/2022	6,677,900	230,272
11/1/2022 - 12/1/2022	6,752,800	225,093
12/1/2022- 1/1/2023	7,888,600	148,139
	<b>Annual Average Month</b>	<b>206,995</b>
	<b>Peak Month</b>	<b>379,268</b>
	<b>Peaking Factor</b>	<b>1.83</b>

# 2022 Montgomery Avenue Metering Pit Annual Report

West Norriton Township  
 Montgomery County, Pennsylvania

PERIODS	TOTAL FLOW	
	GALLONS	GAL/DAY
1/3/2022 - 2/1/2022	24,547,800	846,476
2/1/2022 - 3/1/2022	27,377,900	977,782
3/1/2022 - 4/1/2022	29,386,500	947,952
4/1/2022 - 5/1/2022	37,813,700	1,219,797
5/1/2022- 6/1/2022	32,572,300	1,085,743
6/1/2022 - 7/1/2022	20,434,900	681,163
7/1/2022 - 8/1/2022	16,654,000	537,226
8/1/2022 - 9/1/2022	15,765,300	508,558
9/1/2022 - 10/1/2022	17,985,700	562,053
10/1/2022- 11/1/2022	19,944,400	687,738
11/1/2022 - 12/1/2022	18,124,300	604,143
12/1/2022- 1/1/2023	33,735,000	1,022,273
	<b>Annual Average Month</b>	<b>806,742</b>
	<b>Peak Month</b>	<b>1,219,797</b>
	<b>Peaking Factor</b>	<b>1.51</b>

**ATTACHMENT E**  
**MONTHLY ADF TO NMWA**

**Table 6  
2022 TOTAL FLOW TO NORRISTOWN  
WEST NORRITON TOWNSHIP**

<b>Average Daily Flow</b>	<b>Rittenhouse Blvd Pump Station (gpd)</b>	<b>Jackson Street Pit (gpd)</b>	<b>Total Flow to Norristown (gpd)</b>
January	1,899,742	349,652	2,249,394
February	2,212,786	379,268	2,592,054
March	2,378,867	310,652	2,689,519
April	3,328,400	151,590	3,479,990
May	2,258,133	94,193	2,352,326
June	1,692,820	139,353	1,832,173
July	1,364,994	126,035	1,491,029
August	1,334,526	134,913	1,469,439
September	1,451,550	194,775	1,646,325
October	1,929,745	230,272	2,160,017
November	1,781,123	225,093	2,006,216
December	2,663,687	148,139	2,811,826
<b>Average total flow (gpd)</b>	<b>24,296,373</b>	<b>2,483,935</b>	<b>26,780,308</b>
<b>Average Daily Flow (gpd)</b>	<b>2,024,698</b>	<b>206,995</b>	<b>2,231,692</b>

**Table 7**  
**Average Daily Flow to NMWA (2018 to 2022)**  
**West Norriton Township**  
**Rittenhouse Pump Station**

<b>Month</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>January</b>	1,545,870	3,335,826	2,554,344	2,397,567	1,899,742
<b>February</b>	3,219,714	3,161,036	2,597,406	2,798,142	2,212,786
<b>March</b>	3,624,032	3,391,649	2,731,650	3,159,677	2,378,867
<b>April</b>	2,449,800	2,535,270	3,035,133	2,263,223	3,328,400
<b>May</b>	2,658,733	2,920,500	2,510,733	1,861,710	2,258,133
<b>June</b>	2,992,933	3,015,833	1,746,300	2,249,900	1,692,820
<b>July</b>	2,438,613	2,190,839	2,038,086	2,204,000	1,364,994
<b>August</b>	3,143,258	1,741,565	2,340,204	2,036,968	1,334,526
<b>September</b>	3,051,066	1,366,483	1,473,733	2,917,066	1,451,550
<b>October</b>	2,607,935	1,663,258	1,601,000	1,963,161	1,929,745
<b>November</b>	3,822,066	2,001,922	2,161,667	1,787,767	1,781,123
<b>December</b>	3,146,064	2,705,495	3,094,395	1,495,697	2,663,687
<b>Total flow (gpd)</b>	<b>34,700,084</b>	<b>30,029,675</b>	<b>27,884,651</b>	<b>27,134,878</b>	<b>24,296,373</b>
<b>Average daily (gpd)</b>	<b>2,891,674</b>	<b>2,502,473</b>	<b>2,323,721</b>	<b>2,261,240</b>	<b>2,024,698</b>

**Jackson Street**

<b>Month</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>January</b>	380,893	167,535	146,924	249,287	349,652
<b>February</b>	358,636	228,871	240,762	297,296	379,268
<b>March</b>	305,284	264,713	155,445	520,939	310,652
<b>April</b>	282,746	226,526	256,957	406,403	151,590
<b>May</b>	454,340	264,794	275,416	322,313	94,193
<b>June</b>	291,976	234,052	227,427	216,143	139,353
<b>July</b>	278,948	280,426	258,561	216,429	126,035
<b>August</b>	338,738	268,497	272,626	255,432	134,913
<b>September</b>	293,736	270,903	224,830	230,053	194,775
<b>October</b>	223,765	256,116	206,658	400,671	230,272
<b>November</b>	309,236	122,233	213,640	258,747	225,093
<b>December</b>	276,477	138,516	260,271	315,809	148,139
<b>Total flow (gpd)</b>	<b>3,794,775</b>	<b>2,723,182</b>	<b>2,739,516</b>	<b>3,689,522</b>	<b>2,483,935</b>
<b>Average daily (gpd)</b>	<b>316,231</b>	<b>226,932</b>	<b>228,293</b>	<b>307,460</b>	<b>206,995</b>

**Rainfall**

	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>Average daily to NMWA (gpd)</b>	3,207,905	2,729,405	2,552,014	2,568,700	2,231,692
<b>Total Precipitation (inch)</b>	74.62	75.62	57.18	53.32	48.13

**ATTACHMENT F**  
**INDUSTRIAL WASTES**

## **INDUSTRIAL WASTES**

All industrial wastes is required to meet the Industrial Pretreatment Standards of NWMA.

**ATTACHMENT G**  
**FLOW METER CALIBRATION REPORTS**

TheMeterGuy, LLC.  
5758 GLEN OAKS DRIVE NARVON, PA 17555  
PHONE: (717) 940-1987

**\*\*\*SERVICE REPORT\*\*\***

M&B ENVIRONMENTAL, INC.  
WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

SERVICE DATE: 6/8/2022  
METER#: C2000 AA  
LOCATION: JACKSON STREET  
SERIAL #: 45048050/AKI000950  
MANUFACTURER: KROHNE/ PARTLOW  
RECORDER: MRC5000  
TRANSMITTER: OPTISOUND  
PRIMARY: 9" PARSHALL FLUME  
MAXIMUM CAPACITY: 3.5 MGD  
SERVICE CONTRACT: QUARTERLY

---

**\*WORK PERFORMED\***

CLEANED EQUIPMENT: X      PRIMARY: X

**\*RECORDER CALIBRATION\*** CHECKED AT: 0, 25, 50 & 100%  
ERROR: 0%      CORRECTED ACCURACY: ±1%

**\*TOTALIZER CALIBRATION\*** CHECKED AT: 0, 25, 50 & 100%  
ERROR: 0%      CORRECTED ACCURACY: ±1%

**\*TRANSMITTER CALIBRATION\***  
FLOW MEASUREMENTS  
ERROR: 0%      CORRECTED ACCURACY: ±1%

---

COMMENTS: LEFT EQUIPMENT OPERATING PROPERLY.

SERVICE REPRESENTATIVE: BRANDON HOOPER    PERSON SEEN:  
copies- [kbrozena@mbenv.net](mailto:kbrozena@mbenv.net)

**TheMeterGuy, LLC.**

5758 GLEN OAKS DRIVE NARVON, PA 17555  
PHONE: (717) 940-1987

**\*\*\*SERVICE REPORT\*\*\***

M&B ENVIRONMENTAL, INC.  
WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

SERVICE DATE: 6/8/2022  
METER#: C2000 AB  
LOCATION: RITTENHOUSE PUMP STATION  
SERIAL #: 356807  
MANUFACTURER: SPARLING/CHESELL  
RECORDER: 392  
TRANSMITTER: FM656-185-1A3-0  
PRIMARY: MAG  
MAXIMUM CAPACITY: 10,000 GPM  
SERVICE CONTRACT: QUARTERLY

---

**\*WORK PERFORMED\***

CLEANED EQUIPMENT: X      PRIMARY: X

**\*RECORDER CALIBRATION\***    CHECKED AT: 0, 25, 50 & 100%  
ERROR: 0%      CORRECTED ACCURACY:  $\pm 1\%$

**\*TOTALIZER CALIBRATION\***    CHECKED AT: OPERATING RATE  
ERROR: 0%      CORRECTED ACCURACY:  $\pm 1\%$

**\*TRANSMITTER CALIBRATION\***  
INTERNAL SIMULATION  
ERROR: 0%      CORRECTED ACCURACY:  $\pm 1\%$

---

COMMENTS: LEFT EQUIPMENT OPERATING PROPERLY.

SERVICE REPRESENTATIVE: BRANDON HOOPER    PERSON SEEN:  
copies- [kbrozena@mbenv.net](mailto:kbrozena@mbenv.net)

**TheMeterGuy, LLC.**

5758 GLEN OAKS DRIVE NARVON, PA 17555.  
PHONE: (717) 940-1987

**\*\*\*SERVICE REPORT\*\*\***

M&B ENVIRONMENTAL, INC.  
WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

**SERVICE DATE:** 6/8/2022  
**METER#:** C2000 AC  
**LOCATION:** WHITEHALL ROAD  
**SERIAL #:** 8503A0455  
**MANUFACTURER:** FISCHER & PORTER  
**RECORDER:** 51C1102DZ  
**TRANSMITTER:** 50PZ1112  
**PRIMARY:** MAG X  
**MAXIMUM CAPACITY:** 3,000 GPM  
**SERVICE CONTRACT:** QUARTERLY

---

**\*WORK PERFORMED\***

**CLEANED EQUIPMENT:** X     **PRIMARY:** X

**\*RECORDER CALIBRATION\***    **CHECKED AT:** 0, 15, 50 & 80%  
**ERROR:** 0%     **CORRECTED ACCURACY:** ±1%

**\*TOTALIZER CALIBRATION\***    **CHECKED AT:** 0, 15, 50 & 80%  
**ERROR:** 0%     **CORRECTED ACCURACY:** ±1%

**\*TRANSMITTER CALIBRATION\***  
0, 15, 50 & 80%  
**ERROR:** 0%     **CORRECTED ACCURACY:** ±1%

---

**COMMENTS:** LEFT EQUIPMENT OPERATING PROPERLY.

**SERVICE REPRESENTATIVE:** BRANDON HOOPER    **PERSON SEEN:**  
copies- [kbrozena@mbenv.net](mailto:kbrozena@mbenv.net)

**TheMeterGuy, LLC.**

5750 GLEN OAKS DRIVE NARVON, PA 17555  
PHONE: (717) 940-1987

**\*\*\*SERVICE REPORT\*\*\***

M&B ENVIRONMENTAL, INC.  
WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

SERVICE DATE: 6/8/2022  
METER#: C2000 AD  
LOCATION: PORT INDIAN  
SERIAL #: 160612-FA-18621692  
MANUFACTURER: F&P / OMEGA  
RECORDER: I392  
TRANSMITTER: FDT-21W  
PRIMARY: 8 INCH  
MAXIMUM CAPACITY: 1500 GPM  
SERVICE CONTRACT: QUARTERLY

---

**\*WORK PERFORMED\***

CLEANED EQUIPMENT: X      PRIMARY: X

**\*RECORDER CALIBRATION\***    CHECKED AT: 0, 25, 50 & 100%  
ERROR: 0%      CORRECTED ACCURACY: ±1%

**\*TOTALIZER CALIBRATION\***    CHECKED AT: 0, 50 & 100%  
ERROR: 0%      CORRECTED ACCURACY: ±1%

**\*TRANSMITTER CALIBRATION\***  
CHECKED OUTPUT AT ZERO FLOW  
ERROR: 0%      CORRECTED ACCURACY: ±1%

---

COMMENTS: LEFT EQUIPMENT OPERATING PROPERLY.

SERVICE REPRESENTATIVE: BRANDON HOOPER    PERSON SEEN:  
copies- [kbrozena@mbenv.net](mailto:kbrozena@mbenv.net)

**TheMeterGuy, LLC.**

5758 GLEN OAKS DRIVE NARVON, PA 17555  
PHONE: (717) 940-1987

**\*\*\*SERVICE REPORT\*\*\***

M&B ENVIRONMENTAL, INC.  
WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

**SERVICE DATE:** 6/8/2022  
**METER#:** C2000 AE  
**LOCATION:** CHESTNUT STREET  
**SERIAL #:** N28401/20/4  
**MANUFACTURER:** ABB  
**RECORDER:** 1900 COMMANDER  
**TRANSMITTER:** MAGMASTER  
**PRIMARY:** 4 INCH  
**MAXIMUM CAPACITY:** 500 GPM  
**SERVICE CONTRACT:** QUARTERLY

---

**\*WORK PERFORMED\***

**CLEANED EQUIPMENT:** X    **PRIMARY:** X

**\*RECORDER CALIBRATION\***    **CHECKED AT:** 0, 25, 50 & 100%  
**ERROR:** +2%    **CORRECTED ACCURACY:** ±1%

**\*TOTALIZER CALIBRATION\***    **CHECKED AT:** ZERO & FLOW RATE  
**ERROR:** 0%    **CORRECTED ACCURACY:** ±1%

**\*TRANSMITTER CALIBRATION\***  
**CHECKED OUTPUT AT ZERO & FLOW RATE**  
**ERROR:** 0%    **CORRECTED ACCURACY:** ±1%

---

**COMMENTS:** LEFT EQUIPMENT OPERATING PROPERLY.

**SERVICE REPRESENTATIVE:** BRANDON HOOPER    **PERSON SEEN:**  
**copies-** [kbrozena@mbenv.net](mailto:kbrozena@mbenv.net)

**TheMeterGuy, LLC.**

5758 GLEN OAKS DRIVE NARVON, PA 17555  
PHONE: (717) 940-1987

**\*\*\*SERVICE REPORT\*\*\***

M&B ENVIRONMENTAL, INC.  
WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

SERVICE DATE: 6/8/2022  
METER#: C2000 AF  
LOCATION: MONTGOMERY STREET  
SERIAL #: US21223-001-01-01-37-07  
MANUFACTURER: E & H/ CHESSELL  
RECORDER: 392  
TRANSMITTER: FMU 90  
PRIMARY: 90° V-NOTCH  
MAXIMUM CAPACITY: 1,000 GPM  
SERVICE CONTRACT: QUARTERLY

---

**\*WORK PERFORMED\***

CLEANED EQUIPMENT: X      PRIMARY: X

**\*RECORDER CALIBRATION\*** CHECKED AT: 0,25,50,75,& 100%  
ERROR: 0%      CORRECTED ACCURACY: ±1%

**\*TOTALIZER CALIBRATION\*** CHECKED AT: 0,25,50,75, & 100%  
ERROR: 0%      CORRECTED ACCURACY: ± 1%

**\*TRANSMITTER CALIBRATION\***  
FLOW MEASUREMENTS  
ERROR: 0%      CORRECTED ACCURACY: ± 1%

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COMMENTS: LEFT EQUIPMENT OPERATING PROPERLY.

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**\*\*\*SERVICE REPORT\*\*\***

M&B ENVIRONMENTAL, INC.  
WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

**SERVICE DATE:** 9/8/2022  
**METER#:** C2000 AA  
**LOCATION:** JACKSON STREET  
**SERIAL #:** 45048050/AKI000950  
**MANUFACTURER:** KROHNE/ PARTLOW  
**RECORDER:** MRC5000  
**TRANSMITTER:** OPTISOUND  
**PRIMARY:** 9" PARSHALL FLUME  
**MAXIMUM CAPACITY:** 3.5 MGD  
**SERVICE CONTRACT:** QUARTERLY

---

**\*WORK PERFORMED\***

**CLEANED EQUIPMENT:** X     **PRIMARY:** X

**\*RECORDER CALIBRATION\***    **CHECKED AT:** 0, 25, 50 & 100%  
**ERROR:** 0%     **CORRECTED ACCURACY:** ±1%

**\*TOTALIZER CALIBRATION\***    **CHECKED AT:** 0, 25, 50 & 100%  
**ERROR:** 0%     **CORRECTED ACCURACY:** ±1%

**\*TRANSMITTER CALIBRATION\***  
FLOW MEASUREMENTS  
**ERROR:** 0%     **CORRECTED ACCURACY:** ±1%

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**COMMENTS:** LEFT EQUIPMENT OPERATING PROPERLY.

**SERVICE REPRESENTATIVE:** BRANDON HOOPER    **PERSON SEEN:**  
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**\*\*\*SERVICE REPORT\*\*\***

M&B ENVIRONMENTAL, INC.  
WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

**SERVICE DATE:** 9/8/2022  
**METER#:** C2000 AB  
**LOCATION:** RITTENHOUSE PUMP STATION  
**SERIAL #:** 356807  
**MANUFACTURER:** SPARLING/CHESELL  
**RECORDER:** 392  
**TRANSMITTER:** FM656-185-1A3-0  
**PRIMARY:** MAG  
**MAXIMUM CAPACITY:** 10,000 GPM  
**SERVICE CONTRACT:** QUARTERLY

---

**\*WORK PERFORMED\***

**CLEANED EQUIPMENT:** X     **PRIMARY:** X

**\*RECORDER CALIBRATION\***    **CHECKED AT:** 0, 25, 50 & 100%  
**ERROR:** 0%     **CORRECTED ACCURACY:** ±1%

**\*TOTALIZER CALIBRATION\***    **CHECKED AT:** OPERATING RATE  
**ERROR:** 0%     **CORRECTED ACCURACY:** ±1%

**\*TRANSMITTER CALIBRATION\***  
INTERNAL SIMULATION  
**ERROR:** 0%     **CORRECTED ACCURACY:** ±1%

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**\*\*\*SERVICE REPORT\*\*\***

M&B ENVIRONMENTAL, INC.  
WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

SERVICE DATE: 9/8/2022  
METER#: C2000 AC  
LOCATION: WHITEHALL ROAD  
SERIAL #: 8503A0455  
MANUFACTURER: FISCHER & PORTER  
RECORDER: 51C1102DZ  
TRANSMITTER: 50PZ1112  
PRIMARY: MAG X  
MAXIMUM CAPACITY: 3,000 GPM  
SERVICE CONTRACT: QUARTERLY

---

**\*WORK PERFORMED\***

CLEANED EQUIPMENT: X      PRIMARY: X

**\*RECORDER CALIBRATION\***    CHECKED AT: 0, 15, 50 & 80%  
ERROR: 0%      CORRECTED ACCURACY: ±1%

**\*TOTALIZER CALIBRATION\***    CHECKED AT: 0, 15, 50 & 80%  
ERROR: 0%      CORRECTED ACCURACY: ±1%

**\*TRANSMITTER CALIBRATION\***  
0, 15, 50 & 80%  
ERROR: 0%      CORRECTED ACCURACY: ±1%

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COMMENTS: LEFT EQUIPMENT OPERATING PROPERLY.

SERVICE REPRESENTATIVE: BRANDON HOOPER    PERSON SEEN:  
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**\*\*\*SERVICE REPORT\*\*\***

M&B ENVIRONMENTAL, INC.  
WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

**SERVICE DATE:** 9/8/2022  
**METER#:** C2000 AD  
**LOCATION:** PORT INDIAN  
**SERIAL #:** 160612-FA-18621692  
**MANUFACTURER:** F&P / OMEGA  
**RECORDER:** 1392  
**TRANSMITTER:** FDT-21W  
**PRIMARY:** 8 INCH  
**MAXIMUM CAPACITY:** 1500 GPM  
**SERVICE CONTRACT:** QUARTERLY

---

**\*WORK PERFORMED\***

**CLEANED EQUIPMENT:** X      **PRIMARY:** X

**\*RECORDER CALIBRATION\***    **CHECKED AT:** 0, 25, 50 & 100%  
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**\*TOTALIZER CALIBRATION\***    **CHECKED AT:** 0, 50 & 100%  
**ERROR:** 0%      **CORRECTED ACCURACY:** ±1%

**\*TRANSMITTER CALIBRATION\***  
**CHECKED OUTPUT AT ZERO FLOW**  
**ERROR:** 0%      **CORRECTED ACCURACY:** ±1%

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**\*\*\*SERVICE REPORT\*\*\***

M&B ENVIRONMENTAL, INC.  
WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

**SERVICE DATE:** 9/8/2022  
**METER#:** C2000 AE  
**LOCATION:** CHESTNUT STREET  
**SERIAL #:** N28401/20/4  
**MANUFACTURER:** ABB  
**RECORDER:** 1900 COMMANDER  
**TRANSMITTER:** MAGMASTER  
**PRIMARY:** 4 INCH  
**MAXIMUM CAPACITY:** 500 GPM  
**SERVICE CONTRACT:** QUARTERLY

---

**\*WORK PERFORMED\***

**CLEANED EQUIPMENT:** X     **PRIMARY:** X

**\*RECORDER CALIBRATION\***    **CHECKED AT:** 0, 25, 50 & 100%  
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**\*TOTALIZER CALIBRATION\***    **CHECKED AT:** ZERO & FLOW RATE  
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**\*TRANSMITTER CALIBRATION\***  
**CHECKED OUTPUT AT ZERO & FLOW RATE**  
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WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

SERVICE DATE: 9/8/2022  
METER#: C2000 AF  
LOCATION: MONTGOMERY STREET  
SERIAL #: US21223-001-01-01-37-07  
MANUFACTURER: E & H/ CHESSELL  
RECORDER: 392  
TRANSMITTER: FMU 90  
PRIMARY: 90° V-NOTCH  
MAXIMUM CAPACITY: 1,000 GPM  
SERVICE CONTRACT: QUARTERLY

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**\*WORK PERFORMED\***

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**\*RECORDER CALIBRATION\***    CHECKED AT: 0,25,50,75,& 100%  
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**\*TRANSMITTER CALIBRATION\***  
FLOW MEASUREMENTS  
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**\*\*\*SERVICE REPORT\*\*\***

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WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

**SERVICE DATE:** 6/8/2022  
**METER#:** C2000 AA  
**LOCATION:** JACKSON STREET  
**SERIAL #:** 45048050/AKI000950  
**MANUFACTURER:** KROHNE/ PARTLOW  
**RECORDER:** MRC5000  
**TRANSMITTER:** OPTISOUND  
**PRIMARY:** 9" PARSHALL FLUME  
**MAXIMUM CAPACITY:** 3.5 MGD  
**SERVICE CONTRACT:** QUARTERLY

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**\*RECORDER CALIBRATION\***    **CHECKED AT:** 0, 25, 50 & 100%  
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**\*TRANSMITTER CALIBRATION\***  
FLOW MEASUREMENTS  
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1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

SERVICE DATE: 6/8/2022  
METER#: C2000 AB  
LOCATION: RITTENHOUSE PUMP STATION  
SERIAL #: 356807  
MANUFACTURER: SPARLING/CHESELL  
RECORDER: 392  
TRANSMITTER: FM656-185-1A3-0  
PRIMARY: MAG  
MAXIMUM CAPACITY: 10,000 GPM  
SERVICE CONTRACT: QUARTERLY

---

**\*WORK PERFORMED\***

CLEANED EQUIPMENT: X      PRIMARY: X

**\*RECORDER CALIBRATION\***    CHECKED AT: 0, 25, 50 & 100%  
ERROR: 0%      CORRECTED ACCURACY:  $\pm 1\%$

**\*TOTALIZER CALIBRATION\***    CHECKED AT: OPERATING RATE  
ERROR: 0%      CORRECTED ACCURACY:  $\pm 1\%$

**\*TRANSMITTER CALIBRATION\***  
INTERNAL SIMULATION  
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**\*\*\*SERVICE REPORT\*\*\***

M&B ENVIRONMENTAL, INC.  
WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

SERVICE DATE: 6/8/2022  
METER#: C2000 AC  
LOCATION: WHITEHALL ROAD  
SERIAL #: 8503A0455  
MANUFACTURER: FISCHER & PORTER  
RECORDER: 51C1102DZ  
TRANSMITTER: 50PZ1112  
PRIMARY: MAG X  
MAXIMUM CAPACITY: 3,000 GPM  
SERVICE CONTRACT: QUARTERLY

---

**\*WORK PERFORMED\***

CLEANED EQUIPMENT: X      PRIMARY: X

**\*RECORDER CALIBRATION\***    CHECKED AT: 0, 15, 50 & 80%  
ERROR: 0%      CORRECTED ACCURACY: ±1%

**\*TOTALIZER CALIBRATION\***    CHECKED AT: 0, 15, 50 & 80%  
ERROR: 0%      CORRECTED ACCURACY: ±1%

**\*TRANSMITTER CALIBRATION\***  
0, 15, 50 & 80%  
ERROR: 0%      CORRECTED ACCURACY: ±1%

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COMMENTS: LEFT EQUIPMENT OPERATING PROPERLY.

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\*\*\*SERVICE REPORT\*\*\*

M&B ENVIRONMENTAL, INC.  
WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

SERVICE DATE: 6/8/2022  
METER#: C2000 AD  
LOCATION: PORT INDIAN  
SERIAL #: 160612-FA-18621692  
MANUFACTURER: F&P / OMEGA  
RECORDER: 1392  
TRANSMITTER: FDT-21W  
PRIMARY: 8 INCH  
MAXIMUM CAPACITY: 1500 GPM  
SERVICE CONTRACT: QUARTERLY

---

\*WORK PERFORMED\*

CLEANED EQUIPMENT: X      PRIMARY: X

**\*RECORDER CALIBRATION\***    CHECKED AT: 0, 25, 50 & 100%  
ERROR: 0%      CORRECTED ACCURACY: ±1%

**\*TOTALIZER CALIBRATION\***    CHECKED AT: 0, 50 & 100%  
ERROR: 0%      CORRECTED ACCURACY: ±1%

**\*TRANSMITTER CALIBRATION\***  
CHECKED OUTPUT AT ZERO FLOW  
ERROR: 0%      CORRECTED ACCURACY: ±1%

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COMMENTS: LEFT EQUIPMENT OPERATING PROPERLY.

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**\*\*\*SERVICE REPORT\*\*\***

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WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

**SERVICE DATE:** 6/8/2022  
**METER#:** C2000 AE  
**LOCATION:** CHESTNUT STREET  
**SERIAL #:** N28401/20/4  
**MANUFACTURER:** ABB  
**RECORDER:** 1900 COMMANDER  
**TRANSMITTER:** MAGMASTER  
**PRIMARY:** 4 INCH  
**MAXIMUM CAPACITY:** 500 GPM  
**SERVICE CONTRACT:** QUARTERLY

---

**\*WORK PERFORMED\***

**CLEANED EQUIPMENT:** X     **PRIMARY:** X

**\*RECORDER CALIBRATION\***    **CHECKED AT:** 0, 25, 50 & 100%  
**ERROR:** +2%     **CORRECTED ACCURACY:** ±1%

**\*TOTALIZER CALIBRATION\***    **CHECKED AT:** ZERO & FLOW RATE  
**ERROR:** 0%     **CORRECTED ACCURACY:** ±1%

**\*TRANSMITTER CALIBRATION\***  
**CHECKED OUTPUT AT ZERO & FLOW RATE**  
**ERROR:** 0%     **CORRECTED ACCURACY:** ±1%

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SERVICE DATE: 6/8/2022  
METER#: C2000 AF  
LOCATION: MONTGOMERY STREET  
SERIAL #: US21223-001-01-01-37-07  
MANUFACTURER: E & H/ CHESSELL  
RECORDER: 392  
TRANSMITTER: FMU 90  
PRIMARY: 90° V-NOTCH  
MAXIMUM CAPACITY: 1,000 GPM  
SERVICE CONTRACT: QUARTERLY

---

**\*WORK PERFORMED\***

CLEANED EQUIPMENT: X      PRIMARY: X

**\*RECORDER CALIBRATION\***      CHECKED AT: 0,25,50,75,& 100%  
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**\*TOTALIZER CALIBRATION\***      CHECKED AT: 0,25,50,75, & 100%  
ERROR: 0%      CORRECTED ACCURACY: ± 1%

**\*TRANSMITTER CALIBRATION\***  
FLOW MEASUREMENTS  
ERROR: 0%      CORRECTED ACCURACY: ± 1%

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**\*\*\*SERVICE REPORT\*\*\***

WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

**SERVICE DATE:** 3/9/2022  
**METER#:** C2000 AA  
**LOCATION:** JACKSON STREET  
**SERIAL #:** 45048050/AKI000950  
**MANUFACTURER:** KROHNE/PARTLOW  
**RECORDER:** MRC5000  
**TRANSMITTER:** OPTISOUND  
**PRIMARY:** 9" PARSHALL FLUME  
**MAXIMUM CAPACITY:** 3.5 MGD  
**SERVICE CONTRACT:** QUARTERLY

---

**\*WORK PERFORMED\***

**CLEANED EQUIPMENT:** X      **PRIMARY:** X

**\*RECORDER CALIBRATION\***    **CHECKED AT:** 0, 25, 50 & 100%  
**ERROR:** -1/2%      **CORRECTED ACCURACY:** ±1%

**\*TOTALIZER CALIBRATION\***    **CHECKED AT:** 0, 25, 50 & 100%  
**ERROR:** 0%      **CORRECTED ACCURACY:** ±1%

**\*TRANSMITTER CALIBRATION\***  
**FLOW MEASUREMENTS**  
**ERROR:** 0%      **CORRECTED ACCURACY:** ±1%

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**\*\*\*SERVICE REPORT\*\*\***

WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

**SERVICE DATE:** 3/9/2022  
**METER#:** C2000 AB  
**LOCATION:** RITTENHOUSE PUMP STATION  
**SERIAL #:** 356807  
**MANUFACTURER:** SPARLING/CHESELL  
**RECORDER:** 392  
**TRANSMITTER:** FM656-185-1A3-0  
**PRIMARY:** MAG  
**MAXIMUM CAPACITY:** 10,000 GPM  
**SERVICE CONTRACT:** QUARTERLY

---

**\*WORK PERFORMED\***

**CLEANED EQUIPMENT:** X    **PRIMARY:** X

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**ERROR:** 0%    **CORRECTED ACCURACY:** ±1%

**\*TRANSMITTER CALIBRATION\***  
INTERNAL SIMULATION  
**ERROR:** 0%    **CORRECTED ACCURACY:** ±1%

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**SERVICE DATE:** 3/9/2022  
**METER#:** C2000 AC  
**LOCATION:** WHITEHALL ROAD  
**SERIAL #:** 8503A0455  
**MANUFACTURER:** FISCHER & PORTER  
**RECORDER:** 51C1102DZ  
**TRANSMITTER:** 50PZ1112  
**PRIMARY:** MAG X  
**MAXIMUM CAPACITY:** 3,000 GPM  
**SERVICE CONTRACT:** QUARTERLY

---

**\*WORK PERFORMED\***

**CLEANED EQUIPMENT:** X    **PRIMARY:** X

**\*RECORDER CALIBRATION\***    **CHECKED AT:** 0, 15, 50 & 80%  
**ERROR:** 0%    **CORRECTED ACCURACY:** ±1%

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**\*\*\*SERVICE REPORT\*\*\***

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**MANUFACTURER:** F&P / OMEGA  
**RECORDER:** 1392  
**TRANSMITTER:** FDT-21W  
**PRIMARY:** 8 INCH  
**MAXIMUM CAPACITY:** 1500 GPM  
**SERVICE CONTRACT:** QUARTERLY

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**ERROR:** 0%     **CORRECTED ACCURACY:** ±1%

**\*TRANSMITTER CALIBRATION\***  
**CHECKED OUTPUT AT ZERO FLOW**  
**ERROR:** 0%     **CORRECTED ACCURACY:** ±1%

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1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

**SERVICE DATE:** 3/9/2022  
**METER#:** C2000 AE  
**LOCATION:** CHESTNUT STREET  
**SERIAL #:** N28401/20/4  
**MANUFACTURER:** ABB  
**RECORDER:** 1900 COMMANDER  
**TRANSMITTER:** MAGMASTER  
**PRIMARY:** 4 INCH  
**MAXIMUM CAPACITY:** 500 GPM  
**SERVICE CONTRACT:** QUARTERLY

---

**\*WORK PERFORMED\***

**CLEANED EQUIPMENT:** X     **PRIMARY:** X

**\*RECORDER CALIBRATION\***    **CHECKED AT:** 0, 25, 50 & 100%  
**ERROR:** 0%     **CORRECTED ACCURACY:** ±1%

**\*TOTALIZER CALIBRATION\***    **CHECKED AT:** ZERO & FLOW RATE  
**ERROR:** 0%     **CORRECTED ACCURACY:** ±1%

**\*TRANSMITTER CALIBRATION\***  
**CHECKED OUTPUT AT ZERO & FLOW RATE**  
**ERROR:** 0%     **CORRECTED ACCURACY:** ±1%

---

**COMMENTS:** LEFT EQUIPMENT OPERATING PROPERLY.

**SERVICE REPRESENTATIVE:** BRANDON HOOPER    **PERSON SEEN:**  
copies-

**TheMeterGuy, LLC.**

5758 GLEN OAKS DRIVE NARVON, PA 17555  
PHONE: (717) 940-1987

**\*\*\*SERVICE REPORT\*\*\***

WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

**SERVICE DATE:** 3/9/2022  
**METER#:** C2000 AF  
**LOCATION:** MONTGOMERY STREET  
**SERIAL #:** US21223-001-01-01-37-07  
**MANUFACTURER:** E & H/ CHESSELL  
**RECORDER:** 392  
**TRANSMITTER:** FMU 90  
**PRIMARY:** 90° V-NOTCH  
**MAXIMUM CAPACITY:** 1,000 GPM  
**SERVICE CONTRACT:** QUARTERLY

---

**\*WORK PERFORMED\***

**CLEANED EQUIPMENT:** X     **PRIMARY:** X

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**\*TRANSMITTER CALIBRATION\***  
**FLOW MEASUREMENTS**  
**ERROR:** 0%     **CORRECTED ACCURACY:** ± 1%

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**\*\*\*SERVICE REPORT\*\*\***

M&B ENVIRONMENTAL, INC.  
WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

**SERVICE DATE:** 12/16/2022  
**METER#:** C2000 AA  
**LOCATION:** JACKSON STREET  
**SERIAL #:** 45048050/AKI000950  
**MANUFACTURER:** KROHNE/ PARTLOW  
**RECORDER:** MRC5000  
**TRANSMITTER:** OPTISOUND  
**PRIMARY:** 9" PARSHALL FLUME  
**MAXIMUM CAPACITY:** 3.5 MGD  
**SERVICE CONTRACT:** QUARTERLY

---

**\*WORK PERFORMED\***

**CLEANED EQUIPMENT:** X     **PRIMARY:** X

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FLOW MEASUREMENTS  
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**SERVICE REPRESENTATIVE:** BRANDON HOOPER    **PERSON SEEN:** TONY  
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**\*\*\*SERVICE REPORT\*\*\***

M&B ENVIRONMENTAL, INC.  
WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

**SERVICE DATE:** 12/16/2022  
**METER#:** C2000 AB  
**LOCATION:** RITTENHOUSE PUMP STATION  
**SERIAL #:** 356807  
**MANUFACTURER:** SPARLING/CHESELL  
**RECORDER:** 392  
**TRANSMITTER:** FM656-185-1A3-0  
**PRIMARY:** MAG  
**MAXIMUM CAPACITY:** 10,000 GPM  
**SERVICE CONTRACT:** QUARTERLY

---

**\*WORK PERFORMED\***

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**\*TRANSMITTER CALIBRATION\***  
INTERNAL SIMULATION  
**ERROR:** 0%      **CORRECTED ACCURACY:** ±1%

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**\*\*\*SERVICE REPORT\*\*\***

M&B ENVIRONMENTAL, INC.  
WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

SERVICE DATE: 12/16/2022  
METER#: C2000 AC  
LOCATION: WHITEHALL ROAD  
SERIAL #: 8503A0455  
MANUFACTURER: FISCHER & PORTER  
RECORDER: 51C1102DZ  
TRANSMITTER: 50PZ1112  
PRIMARY: MAG X  
MAXIMUM CAPACITY: 3,000 GPM  
SERVICE CONTRACT: QUARTERLY

---

**\*WORK PERFORMED\***

CLEANED EQUIPMENT: X      PRIMARY: X

**\*RECORDER CALIBRATION\***    CHECKED AT: 0, 15, 50 & 80%  
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**\*\*\*SERVICE REPORT\*\*\***

M&B ENVIRONMENTAL, INC.  
WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

SERVICE DATE: 12/16/2022  
METER#: C2000 AD  
LOCATION: PORT INDIAN  
SERIAL #: 160612-FA-18621692  
MANUFACTURER: F&P / OMEGA  
RECORDER: 1392  
TRANSMITTER: FDT-21W  
PRIMARY: 8 INCH  
MAXIMUM CAPACITY: 1500 GPM  
SERVICE CONTRACT: QUARTERLY

---

**\*WORK PERFORMED\***

CLEANED EQUIPMENT: X      PRIMARY: X

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**\*\*\*SERVICE REPORT\*\*\***

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WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

**SERVICE DATE:** 12/16/2022  
**METER#:** C2000 AE  
**LOCATION:** CHESTNUT STREET  
**SERIAL #:** N28401/20/4  
**MANUFACTURER:** ABB  
**RECORDER:** 1900 COMMANDER  
**TRANSMITTER:** MAGMASTER  
**PRIMARY:** 4 INCH  
**MAXIMUM CAPACITY:** 500 GPM  
**SERVICE CONTRACT:** QUARTERLY

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**\*\*\*SERVICE REPORT\*\*\***

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WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

**SERVICE DATE:** 12/16/2022  
**METER#:** C2000 AF  
**LOCATION:** MONTGOMERY STREET  
**SERIAL #:** US21223-001-01-01-37-07  
**MANUFACTURER:** E & H/ CHESSELL  
**RECORDER:** 392  
**TRANSMITTER:** FMU 90  
**PRIMARY:** 90° V-NOTCH  
**MAXIMUM CAPACITY:** 1,000 GPM  
**SERVICE CONTRACT:** QUARTERLY

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SERVICE DATE: 12/16/2022  
METER#: C2000 AA  
LOCATION: JACKSON STREET  
SERIAL #: 45048050/AKI000950  
MANUFACTURER: KROHNE/PARTLOW  
RECORDER: MRC5000  
TRANSMITTER: OPTISOUND  
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MAXIMUM CAPACITY: 3.5 MGD  
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WEST NORRITON  
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JEFFERSONVILLE, PA 19403

SERVICE DATE: 12/16/2022  
METER#: C2000 AB  
LOCATION: RITTENHOUSE PUMP STATION  
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MANUFACTURER: SPARLING/CHESELL  
RECORDER: 392  
TRANSMITTER: FM656-185-1A3-0  
PRIMARY: MAG  
MAXIMUM CAPACITY: 10,000 GPM  
SERVICE CONTRACT: QUARTERLY

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**\*\*\*SERVICE REPORT\*\*\***

M&B ENVIRONMENTAL, INC.  
WEST NORRITON  
1630 WEST MARSHALL  
JEFFERSONVILLE, PA 19403

SERVICE DATE: 12/16/2022  
METER#: C2000 AC  
LOCATION: WHITEHALL ROAD  
SERIAL #: 8503A0455  
MANUFACTURER: FISCHER & PORTER  
RECORDER: 51C1102DZ  
TRANSMITTER: 50PZ1112  
PRIMARY: MAG X  
MAXIMUM CAPACITY: 3,000 GPM  
SERVICE CONTRACT: QUARTERLY

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MANUFACTURER: F&P / OMEGA  
RECORDER: 1392  
TRANSMITTER: FDT-21W  
PRIMARY: 8 INCH  
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**\*\*\*SERVICE REPORT\*\*\***

M&B ENVIRONMENTAL, INC.

WEST NORRITON

1630 WEST MARSHALL

JEFFERSONVILLE, PA 19403

**SERVICE DATE:** 12/16/2022

**METER#:** C2000 AE

**LOCATION:** CHESTNUT STREET

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**RECORDER:** 1900 COMMANDER

**TRANSMITTER:** MAGMASTER

**PRIMARY:** 4 INCH

**MAXIMUM CAPACITY:** 500 GPM

**SERVICE CONTRACT:** QUARTERLY

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MAXIMUM CAPACITY: 1,000 GPM  
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