#### Instructions for Using DEP Chapter 94 Spreadsheet

This spreadsheet has been developed by the Pennsylvania Department of Environmental Protection (PADEP) to provide consistency in the presentation of existing and projected hydraulic and organic loads for treatment plants for annual municipal wasteload management (Chapter 94) reports due March 31 annually. The spreadsheet contains one data entry worksheet named "Treatment Plants." The "Hydraulic Graph" and "Organic Graph" worksheets are developed automatically from the data into the "Treatment Plants" worksheet. Cells with **green borders** are those where data are requested. All other cells are locked. Questions on the use of this spreadsheet should be directed to PADEP's Bureau of Clean Water at 717-787-2137. **Note** - You must enable Macros to use this spreadsheet. This spreadsheet has been tested using Excel versions 2007 and above.

#### **Treatment Plants Worksheet**

- 1 Enter the Facility Name and Permit No. Select the Reporting Year from the drop-down menu. The "Persons/EDU" field is used to estimate per capita hydraulic and organic contributions; by default the value is 3.5 but may be modified.
- Enter the Existing Hydraulic Design Capacity, in MGD, and the Existing Organic Design Capacity, in lbs BOD5/day, from the WQM permit for the treatment plant as of December 31 of the Reporting Year. If an upgrade is planned that would increase the hydraulic design capacity and/or organic design capacity in the next 5 years, select "YES" from the drop-down menu(s) and select the Year of the planned upgrade from the menu. Then enter the Future Hydraulic Design Capacity, in MGD, and/or Future Organic Design Capacity, in lbs BOD5/day. If an upgrade is not planned in the next 5 years, all fields in this section may remain blank except Existing Hydraulic/Organic Design Capacity.
- Record the Monthly Average Flows (MGD) and Monthly Average (Influent) BOD5 Loads (lbs/day) for the past 5 years in the tables provided.
- 4 Enter the existing equivalent dwelling units (EDUs) for each of the past 5 years.
- 5 Enter additional EDUs that are planned for connection to the treatment plant over the next 5 years.
- For "New EDU Flow" and "New EDU Load," the user may accept the calculated values or overwrite them with other projected Flow/EDU and/or Load/EDU data. The default calculation is the average Flow/EDU and Load/EDU values for the past 5 years. If the cells for Existing EDUs are left blank, the calculation assumes 350 GPD/EDU x No. EDUs for New EDU Flow and 0.584 lbs/day/EDU x No. EDUs for New EDU Load.

Upon entry of data in all green bordered cells, calculations are made and existing ("Exist.") and projected ("Proj.") overload conditions are determined ("YES" or "NO"). The worksheets named "Hydraulic Graph" and "Organic Graph" are populated in accordance with the data entered.

Optionally users may enter total monthly precipitation data at the bottom of the Treatment Plants worksheet to chart precipitation along with hydraulic loads. By default the precipitation data are not shown on the Hydraulic Graph; to enable the data on the graph click the "YES" button above the precipitation data entry table. You may click on the "NO" button at any time to hide precipitation data.

Mouse over cells with **red corners** \( \screen \) view comments and explanations on how calculations are performed.

Click on the NEW button if you would like to shift data in the hydraulic, organic, and precipitation tables one column to the left in preparation for a new year of reporting.



#### PADEP Chapter 94 Spreadsheet **Sewage Treatment Plants**

Reporting Year: 2024

Facility Name: Dover Township STP

PA0020826 Permit No.:

Persons/EDU: 3.5

**Existing Hydraulic Design Capacity:** Upgrade Planned in Next 5 Years? Future Hydraulic Design Capacity:

8 NO MGD Year: MGD

**Existing Organic Design Capacity:** Upgrade Planned in Next 5 Years? **Future Organic Design Capacity:** 

12,460 NO

Monthly Average BOD5 Loads for Past Five Years (lbs/day)

lbs BOD5/day Year: lbs BOD5/day

|--|

	WOII	uny Average i	TOWS TOT FAST	. Five Teals (I	vidu)
Month	2020	2021	2022	2023	2024
January	4.832	4.564	3.921	2.952	4.63
February	4.627	5.645	4.785	1.962	3.709
March	4.052	5.916	3.931	3.081	4.005
April	4.058	4.133	4.595	3.281	7.534
May	4.245	3.186	5.123	2.846	3.88
June	3.066	2.909	2.511	1.613	3.229
July	2.511	2.591	2.204	1.684	2.917
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November	3.248	3.436	2.708	3.172	2.648
December	5.801	2.582	3.317	4.972	2.98
Annual Avg	3.834	4.316	3.35	2.846	3.75
Max 3-Mo Avg	4.504	5.609	4.55	3.779	5.14
/lax : Avg Ratio	1.17	1.30	1.36	1.33	1.37
Existing EDUs	14,629.0	14,781.0	14,954.0	15,061.0	15,206.0
low/EDIT(CDD)	262.1	202.0	224.0	180.0	246.6

Month
January
February
March
April
May
June
July
August
September
October
November
December

Annual Avg

	2020	2021	2022	2023	2024
	4,070	5,829	5,890	3,024	3,584
	4,424	6,267	5,684	2,956	3,145
	4,537	5,062	4,347	3,878	3,388
	3,743	5,070	4,181	4,298	5,715
	4,000	4,610	4,336	3,560	5,665
	3,987	4,199	3,588	2,855	5,856
	3,583	3,490	3,817	2,546	5,256
	4,200	4,813	3,426	3,869	5,982
	4,047	4,698	3,122	4,802	4,877
	4,379	4,324	3,222	5,309	5,185
	4,587	4,494	4,171	5,500	5,501
	5,993	5,445	3,922	4,641	7,119
	4,296	4,858	4,142	3,937	5,106
	5,993	6,267	5,890	5,500	7,119
0	1.40	1.29	1.42	1.40	1.39
	44.000	4 4 70 4	44054	45.004	45.000

3.834	4.316	3.35	2.846	3.75
4.504	5.609	4.55	3.779	5.14
1.17	1.30	1.36	1.33	1.37
14,629.0	14,781.0	14,954.0	15,061.0	15,206.0
262.1	292.0	224.0	189.0	246.6
74.9	83.4	64.0	54.0	70.5
NO	NO	NO	NO	NO
	4.504 1.17 14,629.0 262.1 74.9	4.504     5.609       1.17     1.30       14,629.0     14,781.0       262.1     292.0       74.9     83.4	4.504     5.609     4.55       1.17     1.30     1.36       14,629.0     14,781.0     14,954.0       262.1     292.0     224.0       74.9     83.4     64.0	4.504         5.609         4.55         3.779           1.17         1.30         1.36         1.33           14,629.0         14,781.0         14,954.0         15,061.0           262.1         292.0         224.0         189.0           74.9         83.4         64.0         54.0

vist Overload?	NO	NO	NO	NO	NO
Load/Capita	0.084	0.094	0.079	0.075	0.096
Load/EDU	0.294	0.329	0.277	0.261	0.336
Existing EDUs	14,629	14,781	14,954	15,061	15,206
Max : Avg Ratio	1.40	1.29	1.42	1.40	1.39
Max Mo Avg	5,993	6,267	5,890	5,500	7,119

#### Projected Flows for Next Five Years (MGD)

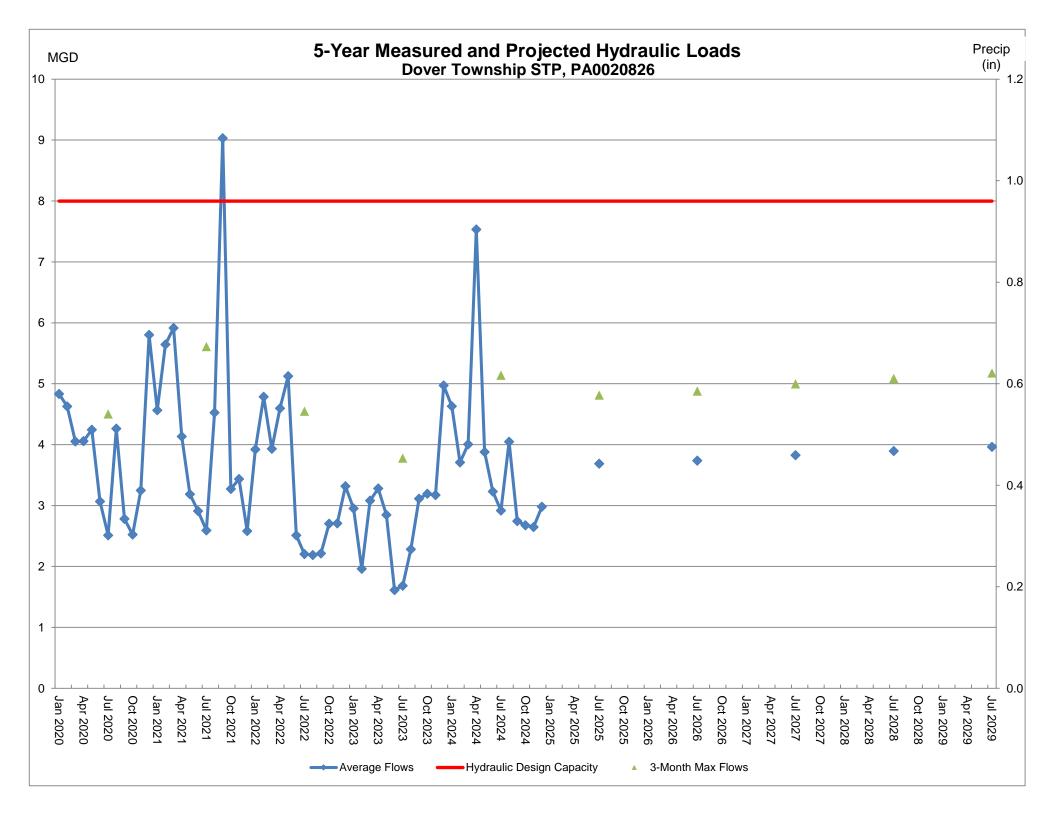
_	2025	2026	2027	2028	2029
New EDUs	275.0	206.0	370.0	286.0	280.0
New EDU Flow	0.0668	0.05	0.0898	0.0694	0.068
Proj. Annual Avg	3.686	3.736	3.8258	3.8952	3.9632
Proj. Max 3-Mo Avg	4.815	4.88	4.997	5.088	5.177
Proj. Overload?	NO	NO	NO	NO	NO

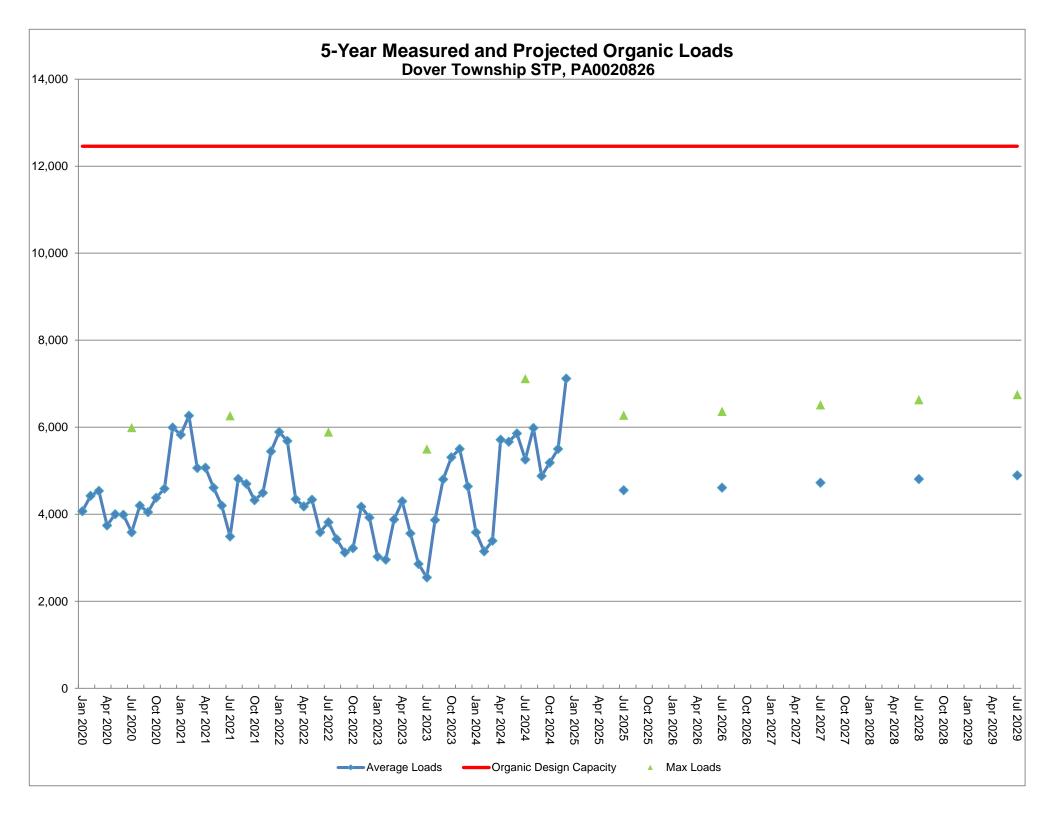
	Projected BOD5 Loads for Next Five Years (lbs/day)				s/day)
	2025	2026	2027	2028	2029
New EDUs	275	206	370	286	280
New EDU Load	82.308	61.656	110.741	85.600	83.804
Proj. Annual Avg	4,550	4,612	4,723	4,808	4,892
Proj. Max Avg	6,278	6,363	6,516	6,634	6,749
Proj. Overload?	NO	NO	NO	NO	NO

Show Precipitation Data on Hydraulic Graph?

#### Total Monthly Precipitation for Past Five Years (Inches)

	- Total IVI	Citally 1 1COIP	itation for rac	ot i ivo i caio i	11101100)
Month	2020	2021	2022	2023	2024
January	3.27	1.67	2.405	2.39	4.63
February	2.44	3.62	2.32	1.04	2.41
March	3.58	2.55	2.25	2.81	3.73
April	4.08	1.9	3.1	4.75	4.0
May	2.53	3.24	6.13	0.2	2.71
June	3.7	1.8	2.44	2.3	2.2
July	2.81	4.04	2.83	4.57	1.82
August	5.6	9.2	1.75	1.23	5.21
September	1.75	10.4	3.7	4.62	2.19
October	2.79	2.76	3.81	1.99	0.27
November	2.88	1.19	2.62	2.31	2.33
December	3.2	0.065	3.77	4.02	3.14





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



### CHAPTER 94 MUNICIPAL WASTELOAD MANAGEMENT ANNUAL REPORT

For Calendar Year: 2024

	GENERAL IN	IFORMATION	
Permittee Name:	Dover Township STP	Permit No.:	PA0020826
Mailing Address:	2480 West Canal Road	Effective Date:	July 1, 2017
City, State, Zip:	Dover , PA 17315	Expiration Date:	June 30 <sup>th</sup> , 2022
Contact Person:	Christian L Jordan	Renewal Due Date:	January 1, 2022
Title:	Superintendent	Municipality:	Conewago Township
Phone:	(717) 292-4911 x1	County:	York
Email:	cjordan@dovertownship.org	Consultant Name:	
	CHAPTER 94 REPO	ORT COMPONENTS	
Section 1 i	ter 94 Spreadsheet used (Attachment Down some source of the specific of the sp		
2. Attach to this month for the depicting the co		y average organic loads (e pads for the next 5 years. lant per the WQM permit. (	The graph must also include a lin

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:
	<ul> <li>Map showing sewer extensions constructed, approved/exempted but not yet constructed, and proposed projects attached (Attachment )</li> </ul>
	<ul> <li>☑ List summarizing each extension or project attached (Attachment D4)</li> <li>☐ Schedules describing how each project will be completed over time and effects attached (Attachment )</li> </ul>
	Comments:
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))
	Attachment D5 contains the sewer collection system's investigative and remediation activites for 2024. It also includes supportive maps of such activity.
6	Discuss the condition of the sewer system including portions of the system where conveyance capacity is being
U.	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))
ļ	Check the appropriate boxes:
	<ul> <li>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.</li> <li>System did not experience capacity-related bypassing, SSOs or surcharging during the report year.</li> </ul>
	Comments:
	Dover Township experienced a single SSO in 2024. It ocured on April 3 <sup>rd</sup> and is discussed in further detail in component 6 of the CH 94 report.
1	

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 – 1)
	□ Discussion of condition of each pump station attached (Attachment D6)
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 D8)  ☐ 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 D9)

<ol> <li>For facilities with CSOs and where required by the combined sewer systems).</li> </ol>	e NPDES permit, attach an Annual CSO Report (including satellite
Annual CSO Report attached (Attachment	)
12. For POTWs, attach a calibration report documenting calibrated annually. (25 Pa. Code § 94.13(b))	ng that flow measuring, indicating and recording equipment has been
⊠ Flow calibration report attached (Attachment)	10)
RESPONSIBLE	OFFICIAL CERTIFICATION
accordance with a system designed to assure that q submitted. Based on my inquiry of the person or per- for gathering the information, the information submitt	
Laurel Oswalt, Township Manager	Signature Swalt
Name of Responsible Official	Signature
(717) 292-3634	3-24-2025
Telephone No.	Date
PREPAR	RER CERTIFICATION
or supervision in accordance with a system designed	all attachments were prepared by me or otherwise under my direction in to assure that qualified personnel properly gathered and evaluated ed is, to the best of my knowledge and belief, true, accurate, and alties for submitting false information, including the possibility of fine is Pa. C.S. § 4904 (relating to unsworn falsification).
Christian L. Jordan	and the same of th
Name of Preparer	Signature
(717) 292-4911 x1	3/24/2025

3800-FM-BPNPSM0507 4/2014 Chapter 94 Report Instructions



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

#### CHAPTER 94 MUNICIPAL WASTELOAD MANAGEMENT ANNUAL REPORT INSTRUCTIONS

This form has been developed to promote consistency in the development of annual municipal wasteload management reports ("Chapter 94 reports") required by 25 Pa. Code § 94.12. At least two copies of the complete report must be submitted to the appropriate regional office of the Department of Environmental Protection (DEP) by March 31.

Enter the calendar year that the report covers at the top of the form. Check the appropriate box to indicate whether the permittee is the owner/operator of a publicly owned treatment works (POTW) or other sewage treatment facility, or is the owner/operator of a sewage collection system that is tributary to a POTW owned/operated by a different entity.

#### **General Information**

Record the name of the permittee, the permittee's full mailing address, the permittee's contact person and this person's title, phone number and email address. Also record the permit number (NPDES or WQM), the effective date of permit coverage, the expiration date of permit coverage (if applicable), the date by which an application or NOI is due for reissuance (renewal) (if applicable), the municipality and county where the sewage treatment facility or collection system is located, and the name of the consultant (company name), if any, who assisted in the preparation of the form.

#### **Chapter 94 Report Components**

This section requests responses to 12 questions that, if applicable, must be addressed for a complete Chapter 94 report. Questions 1-9 and 12 come directly from the Chapter 94 regulations, i.e., 25 Pa. Code §§ 94.12(a)(1) - 94.12(a)(9) and 94.13(b). Some questions request that you check an appropriate box, attach the information requested, and specify the attachment number, while responses to other questions may be entered directly on the form.

For Questions 1 and 2, permittees may use DEP's Chapter 94 Spreadsheet to satisfy 25 Pa. Code §§ 94.12(a)(1) and 94.12(a)(2), respectively. DEP encourages use of the Chapter 94 Spreadsheet to provide consistency in the format and calculations associated with hydraulic and organic load evaluations (see <a href="www.depweb.state.pa.us/chapter94">www.depweb.state.pa.us/chapter94</a>). If the Chapter 94 Spreadsheet was used, check the appropriate box(es) and attach printouts of the data and graphs to the Chapter 94 report. If this report is being used for a collection system only, these graphs are not needed.

For Question 6, if the permittee checks the box that there were capacity-related bypasses or SSOs during the report year, in general the box for existing hydraulic overload in Question 9 should be checked. If the permittee checks the box in Question 6 because surcharging occurred during the report year, in general the box for projected hydraulic overload in Question 9 should be checked.

For Question 8, if the permittee has an EPA-approved pretreatment program, attachment of an annual pretreatment report as required in an NPDES permit will satisfy the requirement for an industrial waste report.

For Question 10, if a permit requires a "Sewage Sludge Management" inventory, check the appropriate box if the inventory is attached to the Chapter 94 report.

For Question 11, if an NPDES permit (individual permit or, for satellite collection systems, PAG-06 General NPDES permit coverage) requires an Annual CSO (Status) report, attach the CSO report to the Chapter 94 report and check the appropriate box.

#### Certification

In accordance with 25 Pa. Code § 94.12(a), both the individual who prepared the report and (a responsible official of) the permittee must sign the report. The term "responsible official" for a municipality is a principal executive officer or ranking elected official.

Questions on the completion of Chapter 94 reports may be directed to DEP's Bureau of Point and Non-Point Source Management at (717) 787-8184 or to the appropriate DEP regional office (contact information available by visiting DEP's website, <a href="https://www.depweb.state.pa.us">www.depweb.state.pa.us</a>, and selecting Regional Resources).

### 2024 HYDRAULIC OVERLOAD NARATIVE

There is not a Hydraulic Overload present in the sanitary sewer system. There were no sanitary sewer overflows based on hydraulic overload in 2024. A Consent Order & Agreement was entered into in 2012 between Dover Township and the Pennsylvania Department of Environmental Protection. This was to address the I&I issues on the collection system. On October 5, 2021, the township was informed its obligations under the COA were terminated. Although the COA has ended the township is continuing its efforts to eliminate unwanted flows from entering the sanitary sewer with interceptor rehab work.

#### Instructions for Using DEP Chapter 94 Spreadsheet

This spreadsheet has been developed by the Pennsylvania Department of Environmental Protection (PADEP) to provide consistency in the presentation of existing and projected hydraulic and organic loads for treatment plants for annual municipal wasteload management (Chapter 94) reports due March 31 annually. The spreadsheet contains one data entry worksheet named "Treatment Plants." The "Hydraulic Graph" and "Organic Graph" worksheets are developed automatically from the data into the "Treatment Plants" worksheet. Cells with **green borders** are those where data are requested. All other cells are locked. Questions on the use of this spreadsheet should be directed to PADEP's Bureau of Clean Water at 717-787-2137. **Note** - You must enable Macros to use this spreadsheet. This spreadsheet has been tested using Excel versions 2007 and above.

#### **Treatment Plants Worksheet**

- 1 Enter the Facility Name and Permit No. Select the Reporting Year from the drop-down menu. The "Persons/EDU" field is used to estimate per capita hydraulic and organic contributions; by default the value is 3.5 but may be modified.
- Enter the Existing Hydraulic Design Capacity, in MGD, and the Existing Organic Design Capacity, in lbs BOD5/day, from the WQM permit for the treatment plant as of December 31 of the Reporting Year. If an upgrade is planned that would increase the hydraulic design capacity and/or organic design capacity in the next 5 years, select "YES" from the drop-down menu(s) and select the Year of the planned upgrade from the menu. Then enter the Future Hydraulic Design Capacity, in MGD, and/or Future Organic Design Capacity, in lbs BOD5/day. If an upgrade is not planned in the next 5 years, all fields in this section may remain blank except Existing Hydraulic/Organic Design Capacity.
- Record the Monthly Average Flows (MGD) and Monthly Average (Influent) BOD5 Loads (lbs/day) for the past 5 years in the tables provided.
- 4 Enter the existing equivalent dwelling units (EDUs) for each of the past 5 years.
- 5 Enter additional EDUs that are planned for connection to the treatment plant over the next 5 years.
- For "New EDU Flow" and "New EDU Load," the user may accept the calculated values or overwrite them with other projected Flow/EDU and/or Load/EDU data. The default calculation is the average Flow/EDU and Load/EDU values for the past 5 years. If the cells for Existing EDUs are left blank, the calculation assumes 350 GPD/EDU x No. EDUs for New EDU Flow and 0.584 lbs/day/EDU x No. EDUs for New EDU Load.

Upon entry of data in all green bordered cells, calculations are made and existing ("Exist.") and projected ("Proj.") overload conditions are determined ("YES" or "NO"). The worksheets named "Hydraulic Graph" and "Organic Graph" are populated in accordance with the data entered.

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Mouse over cells with **red corners** \( \screen \) view comments and explanations on how calculations are performed.

Click on the NEW button if you would like to shift data in the hydraulic, organic, and precipitation tables one column to the left in preparation for a new year of reporting.



#### PADEP Chapter 94 Spreadsheet **Sewage Treatment Plants**

Reporting Year: 2024

Dover Township STP Facility Name:

PA0020826 Permit No.:

Persons/EDU: 3.5

**Existing Hydraulic Design Capacity:** Upgrade Planned in Next 5 Years? Future Hydraulic Design Capacity:

8 MGD NO MGD

Year:

**Existing Organic Design Capacity:** Upgrade Planned in Next 5 Years? **Future Organic Design Capacity:** 

12,460 NO

Monthly Average BOD5 Loads for Past Five Years (lbs/day)

lbs BOD5/day Year: lbs BOD5/day

Monthly	Average	Flows	for	Past	Five	Years	(MGD

	MODILITY Average Flows for Fast Five Teal's (MGD)					
Month	2020	2021	2022	2023	2024	
January	4.832	4.564	3.921	2.952	4.63	
February	4.627	5.645	4.785	1.962	3.709	
March	4.052	5.916	3.931	3.081	4.005	
April	4.058	4.133	4.595	3.281	7.534	
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Max 3-Mo Avg	4.504	5.609	4.55	3.779	5.14	
lax : Avg Ratio	1.17	1.30	1.36	1.33	1.37	
Existing EDUs	14,629.0	14,781.0	14,954.0	15,061.0	15,206.0	

Month
January
February
March
April
May
June
July
August
September
October
November
December

	2020	2021	2022	2023	2024
	4,070	5,829	5,890	3,024	3,584
	4,424	6,267	5,684	2,956	3,145
	4,537	5,062	4,347	3,878	3,388
	3,743	5,070	4,181	4,298	5,715
	4,000	4,610	4,336	3,560	5,665
	3,987	4,199	3,588	2,855	5,856
	3,583	3,490	3,817	2,546	5,256
	4,200	4,813	3,426	3,869	5,982
	4,047	4,698	3,122	4,802	4,877
	4,379	4,324	3,222	5,309	5,185
	4,587	4,494	4,171	5,500	5,501
	5,993	5,445	3,922	4,641	7,119
	4,296	4,858	4,142	3,937	5,106
	5,993	6,267	5,890	5,500	7,119
io	1 40	1 29	1 42	1 40	1 39

Max 3-Mo Avg	4.504	5.609	4.55	3.779	5.14
Max : Avg Ratio	1.17	1.30	1.36	1.33	1.37
Existing EDUs	14,629.0	14,781.0	14,954.0	15,061.0	15,206.0
Flow/EDU (GPD)	262.1	292.0	224.0	189.0	246.6
Flow/Capita (GPD)	74.9	83.4	64.0	54.0	70.5
Exist. Overload?	NO	NO	NO	NO	NO

xist. Overload?	NO	NO	NO	NO	NO
Load/Capita	0.084	0.094	0.079	0.075	0.096
Load/EDU	0.294	0.329	0.277	0.261	0.336
Existing EDUs	14,629	14,781	14,954	15,061	15,206
Max : Avg Ratio	1.40	1.29	1.42	1.40	1.39
Max Mo Avg	5,993	6,267	5,890	5,500	7,119
Annual Avg	4,296	4,858	4,142	3,937	5,106

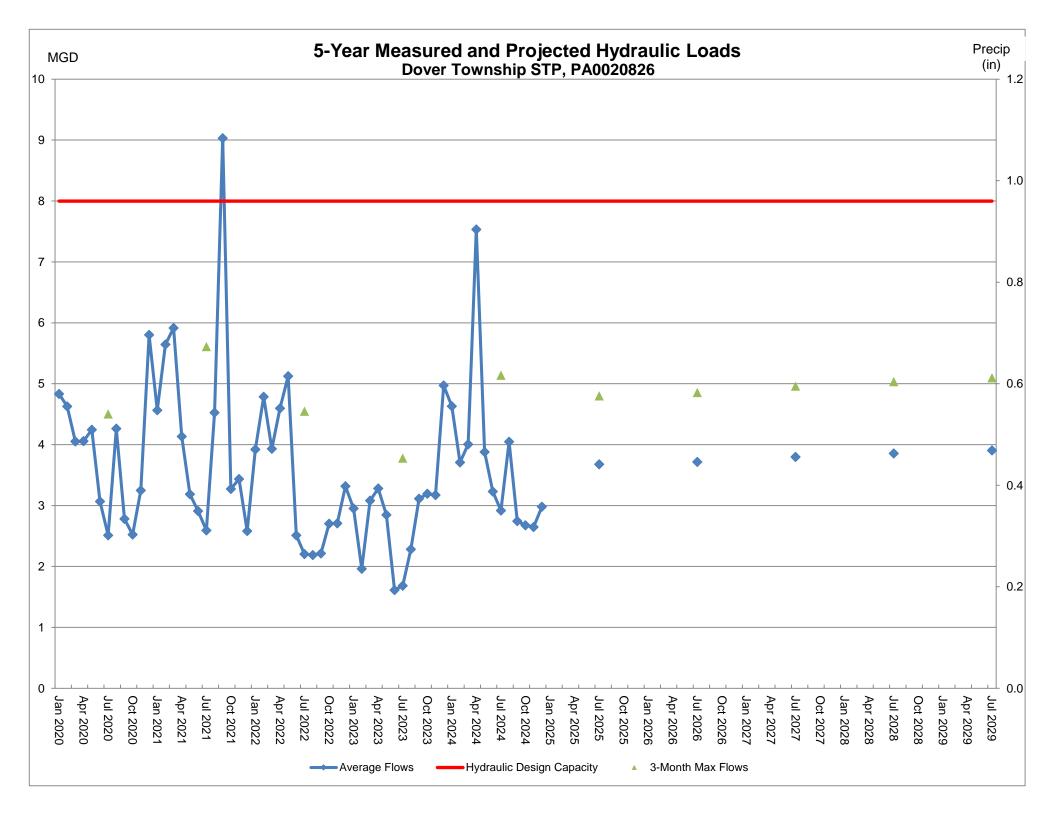
	2025	2026	2027	2028	2029
New EDUs	234.0	167.0	332.0	241.0	199.0
New EDU Flow	0.0568	0.0405	0.0806	0.0585	0.0483
Proj. Annual Avg	3.676	3.7165	3.7971	3.8556	3.9039
Proj. Max 3-Mo Avg	4.802	4.855	4.96	5.036	5.099
Proj. Overload?	NO	NO	NO	NO	NO

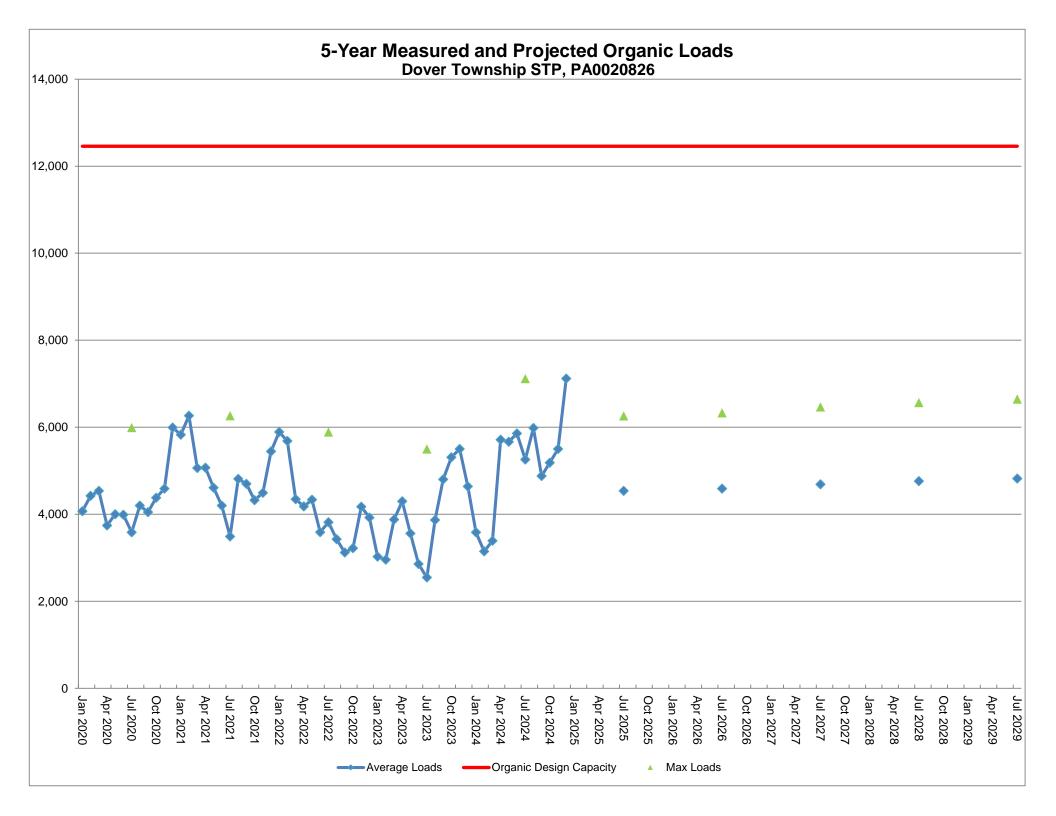
	Projected BOD5 Loads for Next Five Years (lbs/day)				
	2025	2026	2027	2028	2029
New EDUs	234	167	332	241	199
New EDU Load	70.036	49.983	99.368	72.132	59.561
Proj. Annual Avg	4,538	4,588	4,687	4,759	4,819
Proj. Max Avg	6,261	6,330	6,467	6,566	6,648
Proj. Overload?	NO	NO	NO	NO	NO

Show Precipitation Data on Hydraulic Graph?

#### Total Monthly Precipitation for Past Five Years (Inches)

	Total Monthly 1 Toolphation for 1 ast 1 170 Tours (montes)				
Month	2020	2021	2022	2023	2024
January	3.27	1.67	2.405	2.39	4.63
February	2.44	3.62	2.32	1.04	2.41
March	3.58	2.55	2.25	2.81	3.73
April	4.08	1.9	3.1	4.75	4.0
May	2.53	3.24	6.13	0.2	2.71
June	3.7	1.8	2.44	2.3	2.2
July	2.81	4.04	2.83	4.57	1.82
August	5.6	9.2	1.75	1.23	5.21
September	1.75	10.4	3.7	4.62	2.19
October	2.79	2.76	3.81	1.99	0.27
November	2.88	1.19	2.62	2.31	2.33
December	3.2	0.065	3.77	4.02	3.14





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	sylvania F ENVIRONMENTAL PROT		SEWAGE SL	SUPPLEME UDGE / BIOSOLII	_		POSAL			
		wnship STP go Township					Month: January Year:  NPDES Permit No.:  Renewal application due 180 days prior to expiration			
			SOLIDS PRODU	ICTION INFORMATION	ON (Identify e	This permit	will expire on: June	9 30, 2022		
Date	Liquid Sev	wage Sludge/B lauled Off-site		Dewatered :	Sewage Sludge lauled Off-site			ge Sludge/Bios and Incinerate		
G	allons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	
/2/24				23.48	19.27	4.52				
10/24				23.15	19.27	4.46				
12/24				23.14	19.27	4.46				
23/24				24.20	19.27	4.66				
24/24				24.46	19.27	4.71				
29/24				24.24	19.27	4.67				
		TOTAL: SEWAGE SLU		S AND INCINERATOR				TOTAL:		
Site I	Name		Ken Moore		wl Farm		en Moore			
	ipality		Fawn		Chanceford		Fawn			
	ınty		York		York		York			
	rmit No.	PA-Y	R-00034-0-0006-l	B PA-YR-00	019-0-00B7-B	PA-YF	R-00034-0-0004			
Type of Material*			biosolids	hio	osolids		biosolids			

Dry Tons Applied/Disposed

Type of Disposal/Use\*

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).

13.89

agricultural utilization

Synagro

Prepared By:	Christian L. Jordan	License No.:	S17213	
Title:	Superintendent	Date:	February 26, 2024	

4.70

agricultural utilization

Synagro

4.66

agricultural utilization

Synagro

**Hauler Name** \* See Instructions for explanation.

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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	pennsylvania
E	DEPARTMENT OF ENVIRONMENTAL PROTECTION

Facility Name:	Dover Township STP		Month: February	Year:	2024
Municipality:	Conewago Township	County: York	NPDES Permit No.:	<del>_</del>	
Watershed:	7-F		Renewal application due 180 days	prior to expiration	on
			This permit will expire on: June 3	0, 2022	_

#### SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge/Biosolids		Dewatered Sewage Sludge/Biosolids			Sewage Sludge/Biosolids			
Date	Hauled Off-site				Hauled Off-site	•	Dewatered and Incinerated On-site		
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons
2/29/24				23.49	19.27	4.53			
2/29/24				23.44	19.27	4.52			
2/29/24				22.94	19.27	4.42			

TOTAL: TOTAL: 13.464 TOTAL:

### SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Hess Family Farm	Spahr Family Farms	Spahr Family Farms	Moore/Matson Farm
Oite Hairie	riess railing railin	Spain raining rainis	opani i anniy i annis	WOOTE/Watsoff Faith
Municipality	Licking Creek & Todd	Reading	Reading	Fawn
County	Fulton	Adams	Adams	York
DEP Permit No.	PA-FU-00008-0-0012	PA-AD-00027-0-0009	PA-AD-00027-0-0007	PA-YR-00031-0-0014
Type of Material*	biosolids	biosolids	biosolids	biosolids
Dry Tons Applied/Disposed	9.15	4.72	4.80	4.60
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization
Hauler Name	Synagro	Synagro	Synagro	Synagro

<sup>\*</sup> See Instructions for explanation.

Prepared By: Christian L. Jordan		License No.:	S17213
Title:	Superintendent	Date:	March 22, 2024

3800-FM-I	3CW0438 3/2012	
	pennsylvania	
	permayevania	

DEPART	TMENT OF ENVIRONMENTAL PROTEC	TION SE	EWAGE SLUI	DGE / BIOSOLII	OS PRODUC	TION AND DIS	POSAL		
Facility Nan Municipality Watershed:	/: Conewago		Coun	ity: <b>York</b>		Month: Fe NPDES Peri Renewal ap		Year:	<b>2024</b>
	-						will expire on: Jun		
	CEWACE CLI	IDOE / DIOCOL	IDC BDODIICI		ON (Islamtifue				4)
_					ON (Identity (	each off-site rem	noval event and inc	ineration even	τ)
Check I	here if there were no								
	Liquid Sewage Sludge/Biosolids Dewatered Sewage Sludge/Biosolids Sewage Sludge/Biosolids Sewage Sludge/Biosolids Dewatered and Incinerate								
Date									
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons
			-						
		TOTAL:			TOTAL:			TOTAL:	
	S	EWAGE SLUDGE	E / BIOSOLIDS /	AND INCINERATOR	R ASH DISPOS	AL AND BENEFIC	IAL USE INFORMAT	ION	
	_			s where biosolids					
(	Site Name		Matson Farm			<u> </u>	. ,		
	lunicipality		Fawn						
	County		York						
DE	P Permit No.	PA-YR-0	00031-0-0009						
	e of Material*	bi	osolids						
	Applied/Disposed		4.71						
	of Disposal/Use*		ural utilization						
Ha	auler Name	S	ynagro						
* See Instruc	ctions for explanation	ı <b>.</b>							
I certify under	penalty of law that this	document was prep	ared under my dire	ection or supervision in	n accordance with	n a system designed	to assure that qualified p	ersonnel gather an	d
				-	-		sponsible for gathering the		
		•		•			alties for submitting fals	e information, includ	ding the
possibility of fi	ine and imprisonment for	or knowing violations	s. See 18 Pa. C.S	. § 4904 (relating to ur	nsworn falsificatio	n).			
	Prepared B	y: Christian L.	Jordan		Lice	nse No.:	S17213		
	Title:	Superintende			Date		22, 2024		

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

3800-FM-E	3CW0438 3/2012
	pennsylvania
	DEPARTMENT OF ENVIRONMENTAL PROTECTION

Facility Name:	Dover Township STP		Month: March	Year: <b>2024</b>	
Municipality:	Conewago Township	County: York	NPDES Permit No.:		
Watershed:	7-F		Renewal application due 180 da	ays prior to expiration	
			This permit will expire on: <u>Jun</u>	ne 30, 2022	

#### SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge/Biosolids			Dewatered Sewage Sludge/Biosolids			Sewage Sludge/Biosolids		
Date	Hauled Off-site				Hauled Off-site		Dewatered	and Incinerate	ed On-site
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons
3/8/24				23.48	19.27	4.52			
3/11/24				23.82	19.27	4.59			
3/12/24				23.87	19.27	4.60			
3/12/24				23.25	19.27	4.48			
3/13/24				23.48	19.27	4.52			
3/26/24				23.44	19.27	4.52			
3/26/24				22.97	19.27	4.43			

TOTAL: TOTAL: 31.663 TOTAL:

### SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Long 1	Ken Moore	Ken Moore	Crowl Farm
Municipality	Milford	Fawn	Fawn	Lower Chanceford
County	Juniata	York	York York	
DEP Permit No.	PA-JU-00005-0-000G	PA-YR-00034-0-0006-B	PA-YR-00034-0-0002-A	PA-YR-00019-0-00B4
Type of Material*	biosolids	biosolids	biosolids bio	
Dry Tons Applied/Disposed	9.18	4.46	9.12	4.67
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization
Hauler Name	Synagro	Synagro	Synagro	Synagro

<sup>\*</sup> See Instructions for explanation.

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	April 24, 2024

3800-FM-E	3CW0438 3/2012	
	pennsylvania	
	perg traina	

### SUPPLEMENTAL REPORT

	nnsylvania 1ENT OF ENVIRONMENTAL PROTEC	TION	SEWAGE SLU	JDGE / BIOSOLI	DS PRODUC	TION AND DIS	POSAL		
Facility Nam	e: <b>Dover Tow</b>	nship STP				Month: <b>Ma</b>	rch	Year:	2024
Municipality: Conewago Township County: York					NPDES Peri				
Watershed:	7-F			-			olication due <u>180 da</u>		ration
						This permit v	will expire on: Jun	e 30, 2022	
	SEWAGE SLU	IDGE / BIOS	OLIDS PRODUC	CTION INFORMAT	ION (Identify e	ach off-site rem	oval event and inc	ineration even	t)
Chook b	ere if there were no				ion (lacining c			moranom ovon	-,
Check no					0 0 1	/D: :: !		OL 1 (D)	
Date		age Sludge/Bi	osolias		Sewage Sludge Hauled Off-site	Biosolias		ge Sludge/Bioso I and Incinerate	
Date	Gallons	uled Off-site % Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	and incinerate	Dry Tons
	Gallons	/8 3011us	Dry rons	Tons Dewatered	70 Solius	Dry rons	Tons Dewalered	/8 3011us	Dry Tolls
		TOTAL:			TOTAL:			TOTAL:	
	S	EWAGE SLU	DGE / BIOSOLIDS	S AND INCINERATO	R ASH DISPOSA	AL AND BENEFIC	IAL USE INFORMAT	ION	
			(Identify all si	tes where biosolids	or ash were dis	posed or land ap	pplied)		
S	ite Name		Long 1	Jim	Jett Farm				
	unicipality		Milford		Providence				
	County		Juniata		Bedford				
	Permit No.	PA-J	U-00005-0-000M		0001-0-00001-B				
	of Material*		biosolids	b	iosolids				
	Dry Tons Applied/Disposed 8.94		a and 1 to	8.95					
	/pe of Disposal/Use*agricultural utilizationHauler NameSynagro			ural utilization Synagro					
			Syriagio		yriagi u				
	ions for explanation								
, ,	•			•		, ,	to assure that qualified p	•	a
			•		•	•	sponsible for gathering that alties for submitting false		ding the
				.S. § 4904 (relating to u			anes for submitting false	a mormadon, inclu	anig tile
poolonity of IIII		-		3 100 i (ioidiiig to d			<b>.</b>		
		y: Christian				se No.:	S17213		
	Title:	Superinte	ndent		Date:	April 24	1, 2024		

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

3800-FM-E	3CW0438 3/2012
	pennsylvania
	DEPARTMENT OF ENVIRONMENTAL PROTECTION

Facility Name:	Dover Township STP		Month: April	Year: <b>2</b> 0	024
Municipality:	Conewago Township	County: York	NPDES Permit No.:		
Watershed:	7-F		Renewal application due 180 c	days prior to expiration	
			This permit will expire on: Ju	ine 30, 2022	

#### SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge/Biosolids		Dewatered	Sewage Sludg	e/Biosolids	Sewage Sludge/Biosolids				
Date		Hauled Off-site			Hauled Off-site		Dewatered and Incinerated On-site			
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	
4/9/24				24.04	19.27	4.63				
4/9/24				23.24	19.27	4.48				
4/10/24				23.77	19.27	4.58				
4/17/24				24.24	19.27	4.67				
4/18/24				24.22	19.27	4.67				
4/18/24				23.15	19.27	4.46				
4/19/24				23.44	19.27	4.52				
4/19/24				22.82	19.27	4.40				
4/19/24				22.51	19.27	4.34				

TOTAL: TOTAL: 40.743 TOTAL:

### SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Paul A. Martin Farm	Donald Wilson Farm	Malone	Crowl Farm
Municipality	Montgomery	Fawn	Peach Bottom	Lower Chanceford
County	Franklin	York York		York
DEP Permit No.	PA-FR-00006-0-0009	PA-YR-00015-0-0022-A	PA-YR-00039-0-0009-B	PA-YR-00019-0-00A2
Type of Material*	biosolids	biosolids	biosolids	biosolids
Dry Tons Applied/Disposed	18.19	4.58	4.67	4.67
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization
Hauler Name	Synagro	Synagro	Synagro	Synagro

<sup>\*</sup> See Instructions for explanation.

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	May 27, 2024

3800-FM-E	3CW0438 3/2012
	pennsylvania

### **SUPPLEMENTAL REPORT**

per	NNSYLVANIA MENT OF ENVIRONMENTAL PROTECTI	ON	SEWAGE SLU	JDGE	/ BIOSOLII	DS PRODUC	TION A	ND DISF	POSAL		
Facility Name	e: <b>Dover Tow</b> r	nshin STP					Mor	nth: <b>Apr</b>	il	Year	: <b>2024</b>
Municipality:			Cou	unty: `	York			DES Perm			. 2024
Watershed:	7-F	теннот							lication due 180 d	avs prior to exp	iration
	<u></u>								vill expire on: Jui		
	SEWAGE SLU	DGE / BIOS	OLIDS PRODUC	CTION	INFORMATI	ON (Identify o	each off-	site remo	oval event and in	cineration eve	nt)
Check he	ere if there were no	off-site remov	al events during th	ne mon	th						
	Liquid Sewa	ge Sludge/B	iosolids		Dewatered	Sewage Sludg	e/Biosoli	ds	Sew	age Sludge/Bios	solids
Date	Hau	lled Off-site				Hauled Off-site			Dewatere	d and Incinerate	ed On-site
	Gallons	% Solids	Dry Tons	Ton	s Dewatered	% Solids	Dry	Tons	Tons Dewatered	% Solids	Dry Tons
				1							
<b> </b>											
<u> </u>	I	TOTAL:				TOTAL:			<u> </u>	TOTAL:	
	SI	EWAGE SLU							AL USE INFORMA	TION	
				tes wn		or ash were di	sposea c	r land ap	ollea)	<u> </u>	
1	ite Name	-	Crowl Farm			owl Farm					
	unicipality	LO	wer Chanceford York			Chanceford York	+				
	County Permit No.	DA V	YORK 7R-00019-0-00B1			York 00019-0-00B2	-				
	of Material*	FA-	biosolids			osolids	-				
	Applied/Disposed		13.38			4.34					
l <del></del>	Disposal/Use*	agri	cultural utilization			ural utilization					
	uler Name	agn	Synagro Synagro								
	tions for explanation.		, - 5 -	-		<i>,</i> <u>,</u> ,					
	penalty of law that this of		propored under my	diraction	or cuporvicion i	n accordance with	o cyctom	docianod ta	accure that qualified	norconnol gothor o	nd
, ,	formation submitted. Ba				•		•	•	•		
	omitted is, to the best of	•		•	ū	•	•	, ,	o o	·	
	e and imprisonment fo				•		-	p 0/10			<del></del>
	·			•					047040		
	Prepared By						nse No.:	May 07	S17213		
	Title:	Superinte	endent			Date	):	May 27,	<b>2</b> 024		

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

3800-FM-E	3CW0438 3/2012
	pennsylvania
	DEPARTMENT OF ENVIRONMENTAL PROTECTION

Facility Name:	Dover Township STP		Month: May	Year:	2024
Municipality:	Conewago Township	County: York	NPDES Permit No.:		
Watershed:	7-F	<del>-</del>	Renewal application due 180	days prior to expirat	ion
			This permit will expire on: _J	une 30, 2022	_

#### SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge/Biosolids Hauled Off-site			Dewatered	Dewatered Sewage Sludge/Biosolids			Sewage Sludge/Biosolids		
Date					Hauled Off-site		Dewatered and Incinerated On-site			
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	
5/10/24				23.13	19.27	4.46				
5/13/24				22.93	19.27	4.42				
5/21/24				23.51	19.27	4.53				
5/21/24				24.06	19.27	4.64				
5/29/24				24.21	19.27	4.67				
5/29/24				24.99	19.27	4.82				
5/30/24				23.70	19.27	4.57				
5/31/24				23.00	19.27	4.43				

TOTAL: TOTAL: 36.522 TOTAL:

### SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Deimler Farm	Watson Farm	Watson Farm	Watson #2
Municipality	Juniata	Hopewell	Hopewell	Letterkenny & Lurgan
County	Perry	Cumberland	Cumberland	Franklin
DEP Permit No.	PA-PE-00006-0-0004-B	PA-CU-00010-0-0004-C	PA-CU-00010-0-0004-A	PA-FR-00025-0-0006
Type of Material*	biosolids	biosolids	biosolids	biosolids
Dry Tons Applied/Disposed	47.28	23.13	23.51	24.06
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization
Hauler Name	Synagro	Synagro	Synagro	Synagro

<sup>\*</sup> See Instructions for explanation.

Prepared By: Christian L. Jordan		License No.:	S17213	
Title:	Superintendent	Date:	June 26, 2024	

3800-FM-E	3CW0438 3/2012
	pennsylvania

	DEPARTMENT OF I	ENVIRONMENTAL PROTEC	CTION	SEWAGE SLI	UDGE / BIOSOLII	DS PRODUC	TION AND DIS	POSAL		
Facility I	Name:	Dover Tow	nship STP				Month: <b>Ma</b>	V	Year	2024
Municipa			Township	Сог	unty: <b>York</b>		NPDES Peri			
Watersh	ned:	7-F						olication due <u>180 da</u>		iration
							This permit v	will expire on: Jun	e 30, 2022	
	S	EWAGE SLU	JDGE / BIOS	SOLIDS PRODUC	CTION INFORMATI	ON (Identify	each off-site rem	oval event and inc	ineration ever	nt)
☐ Che				val events during th		` ,				,
	l l		age Sludge/B			Sewage Sludg	e/Riosolids	Sowa	ge Sludge/Bios	olide
Date			uled Off-site			Hauled Off-site			ge Gluuge/Blos I and Incinerate	
	Ga	allons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons
				<u> </u>						, in the second
			TOTAL:			TOTAL:			TOTAL:	
		8	SEWAGE SLU					IAL USE INFORMAT	ION	
Ī:				(Identify all si	ites where biosolids	or ash were di	sposed or land ap	pplied)		
	Site N									
	Munici	_								
	Cour DEP Peri									
	Type of N									
	•	ied/Disposed								
		oosal/Use*								
	Hauler	Name								
* See Ins	structions	for explanatior	າ.							
I certify un	nder penalty	y of law that this	document was	prepared under my	direction or supervision i	n accordance with	n a system designed t	to assure that qualified p	ersonnel gather a	nd
			•			•		sponsible for gathering th	·	
					•			alties for submitting false	e information, inclu	iding the
possibility	of fine and	ı ımprısonment f	or knowing viola	ations. See 18 Pa. C	S.S. § 4904 (relating to un	nsworn talsificatio	n).			
		Prepared E	By: Christian			Lice	nse No.:	S17213		
		Title:	Superinte	endent		Date	e: <u>June 18</u>	3, 2024		

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

3800-FM-BCW0438 3/2012				
	pennsylvania			
	DEPARTMENT OF ENVIRONMENTAL PROTECTION			

Facility Name:	Dover Township STP		Month: June	Year: <b>2024</b>
Municipality:	Conewago Township	County: York	NPDES Permit No.:	
Watershed:	7-F		Renewal application due 180 da	ays prior to expiration
			This permit will expire on: <u>Jur</u>	ne 30, 2022

#### SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge/Biosolids Hauled Off-site				Dewatered Sewage Sludge/Biosolids Hauled Off-site			Sewage Sludge/Biosolids		
Date								and Incinerate	ed On-site	
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	
6/4/24				23.69	19.27	4.57				
6/4/24				22.95	19.27	4.42				
6/12/24				23.53	19.27	4.53				
6/17/24				22.27	19.27	4.29				
6/17/24				23.46	19.27	4.52				
6/19/24				22.55	19.27	4.35				
6/20/24				24.08	19.27	4.64				
6/20/24				23.50	19.27	4.53				
6/27/24				23.54	19.27	4.54				

TOTAL: TOTAL: 40.384 TOTAL:

### SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Crowl Farm	Grosso Farm	Groso Farm	Grosso Farm
Municipality	Lower Chanceford	Saville	Saville	Saville
County	York	Perry	Perry	Perry
DEP Permit No.	PA-YR-00019-0-00B8	PA-PE-00005-0-0003-D	PA-PE-00005-0-0003-B	PA-PE-00005-0-0003-A
Type of Material*	biosolids	biosolids	biosolids	biosolids
Dry Tons Applied/Disposed	4.42	9.24	4.43	2.21
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization
Hauler Name	Synagro	Synagro	Synagro	Synagro

<sup>\*</sup> See Instructions for explanation.

Prepared By: Christian L. Jordan		License No.:	S17213	
Title:	Superintendent	Date:	July 25, 2024	

3800-FM-E	3CW0438 3/2012
	pennsylvania

Facility Name: Municipality: Watershed:		ownship STP go Township		unty: York		Month: <u>Ju</u> NPDES Per	ne	Year	
watersneu.	7-1						will expire on: <b>Jun</b>		iration
	SEWAGE S	SLUDGE / BIO	SOLIDS PRODU	CTION INFORMAT	ION (Identify e	ach off-site ren	noval event and inc	ineration ever	nt)
			val events during the		, ,				,
	Liquid Se	ewage Sludge/E	Biosolids	Dewatered	Sewage Sludge	e/Biosolids	Sewa	ge Sludge/Bios	olids
Date		Hauled Off-site			Hauled Off-site			d and Incinerate	
(	Sallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons
				-					
		TOTAL:		<u> </u>	TOTAL:			TOTAL:	
		SEWAGE SLU					CIAL USE INFORMAT	ION	
Cito	Nama	<u> </u>	Grosso Farm	ites where biosolids				I	
	Name cipality		Tyrone & Saville		sso Farm Saville		osso Farm one & Saville		
	unty		Perry		Perry	Tyle	Perry		
	ermit No.	PA-F	PE-00005-0-0003-H		0005-0-0003-I	PA-PE-	00005-0-0003-G		
	Material*		biosolids		iosolids		biosolids		
Dry Tons App		ed	2.21		4.57		4.53		
	sposal/Use*		icultural utilization	agricult	ural utilization	agricu	Itural utilization		
Haule	r Name		Synagro	S	Synagro		Synagro		
* See Instructions	s for explanat	tion.							
I certify under pena	alty of law that t	this document was	prepared under my	direction or supervision	in accordance with	a system designed	to assure that qualified p	ersonnel gather a	nd
		•			-	•	sponsible for gathering th		
	•	,	•	•			nalties for submitting false	e information, inclu	iding the
possibility of fine ar	na imprisonmei	nt for knowing viol	ations. See 18 Pa. C	C.S. § 4904 (relating to u	nsworn talsitication	1).			
	Prepared	d By: <b>Christia</b> r	ı L. Jordan		Licer	se No.:	S17213		
	Title:	Superint	endent		Date	: July 25	, 2024		

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

3800-FM-E	3CW0438 3/2012
	pennsylvania
	DEFANTMENT OF ENVIRONMENTAL PROTECTION

Facility Name:	Dover Township STP		Month: <b>July</b>	Year:	2024
Municipality:	Conewago Township	County: York	NPDES Permit No.:		
Watershed:	7-F		Renewal application due 180 c	lays prior to expirat	tion
			This permit will expire on: Ju	ne 30, 2022	_

#### SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge/Biosolids				Dewatered Sewage Sludge/Biosolids			Sewage Sludge/Biosolids		
Date	Hauled Off-site				Hauled Off-site		Dewatered and Incinerated On-site			
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	
7/1/24				23.38	18.83	4.40				
7/2/24				23.43	18.83	4.41				
7/2/24				23.86	18.83	4.49				
7/2/24				23.97	18.83	4.51				
7/2/24				23.34	18.83	4.39				
7/3/24				23.23	18.83	4.37				
7/23/24				23.48	18.83	4.42				
7/23/24				23.12	18.83	4.35				
7/30/24				22.60	18.83	4.26				
7/31/24				23.53	18.83	4.43				

TOTAL: TOTAL: 44.051 TOTAL:

### SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Long 2	Grosso Farm	Grosso Farm	Spahr Family Farms
Municipality	Milford	Tyron & Saville	Saville	Reading
County	Juniata	Perry	Perry	Adams
DEP Permit No.	PA-JU-00006-0-0004	PA-PE-00005-0-0004	PA-PE-00005-0-0003-J	PA-AD-00027-0-0004
Type of Material*	biosolids	biosolids	biosolids	biosolids
Dry Tons Applied/Disposed	4.53	8.81	13.52	8.94
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization
Hauler Name	Synagro	Synagro	Synagro	Synagro

<sup>\*</sup> See Instructions for explanation.

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	August 23, 2024

3800-FM-E	3CW0438 3/2012
	pennsylvania

	DEPARTMENT OF ENVIR	ONMENTAL PROTECTION	ИС	SEWAGE SL	UDGE / BIOSOLI	DS PRODUC	TION AI	ND DISF	POSAL			
Facility N	Name: D	over Town	ship STP				Mon	th: July	1	Year	2024	
Municipality: Conewago T									NPDES Permit No.:			
Watersh		-F							lication due 180 da	vs prior to exp	iration	
	·		_						ill expire on: June			
								•			<del></del>	
	SEW	VAGE SLUI	DGE / BIOS	SOLIDS PRODU	CTION INFORMAT	ION (Identify e	each off-	site remo	oval event and inc	ineration eve	nt)	
Che	ck here if the	ere were no c	off-site remov	val events during t	he month							
	L	iquid Sewaç	ge Sludge/B	iosolids	Dewatered	Sewage Sludge	e/Biosolic	ls	Sewag	ge Sludge/Bios	olids	
Date		Hau	led Off-site			Hauled Off-site			Dewatered	and Incinerate	ed On-site	
	Gallo	ns %	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry 1	Tons	Tons Dewatered	% Solids	Dry Tons	
		•	TOTAL:		-	TOTAL:				TOTAL:		
		C.F	WACE CLU	IDOE / BIOSOL ID	C AND INCINITRATO	D ACH DICDOC	AL AND F	CNEELOL	AL LICE INCODMATI	ON		
		30	WAGE SLU		S AND INCINERATO sites where biosolids					ON		
	Site Name		Sna	hr Family Frams		ong 1	sposeu o			Lom	in Farm	
	Municipali		Эра	Reading		Milford			Long 2 Milford		Todd	
	County	ity		Adams		Juniata			luniata		ntington	
	DEP Permit	No.	PA-	AD-00027-0-0003		00005-0-000H			00006-0-0006		0005-0-0005	
	Type of Mate			biosolids		iosolids			iosolids		osolids	
	ons Applied/			22.71		4.42			4.35		4.26	
	e of Dispos		agri	cultural utilization	agricult	ural utilization		agricultu	ural utilization	agricultu	ral utilization	
Hauler Name Synagro		S	Synagro		S	ynagro	Sy	nagro				
* See Ins	tructions for	explanation.										
I certify un	der penalty of	law that this d	document was	prepared under my	direction or supervision i	in accordance with	a system o	designed to	assure that qualified pe	ersonnel gather a	nd	
-					r persons who manage t		•	-	·	-		
information	n submitted is,	to the best of	my knowledg	e and belief, true, ad	ccurate and complete. I	am aware that the	re are signi	ficant pena	lties for submitting false	information, inclu	uding the	
possibility	of fine and imp	prisonment for	r knowing viola	ations. See 18 Pa. 0	C.S. § 4904 (relating to u	nsworn falsification	n).					
	Р	repared By	: Christian	L. Jordan		Licer	nse No.:		S17213			
		itle:	Superinte			Date		August 2				
					_				•			

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

3800-FM-E	3CW0438 3/2012
	pennsylvania
	DEPARTMENT OF ENVIRONMENTAL PROTECTION

Facility Name:	Dover Township STP		Month: August	Year: <b>2024</b>
Municipality:	Conewago Township	County: York	NPDES Permit No.:	
Watershed:	7-F		Renewal application due 180 day	ys prior to expiration
			This permit will expire on: June	2 30, 2022

#### SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge/Biosolids			Dewatered	Dewatered Sewage Sludge/Biosolids			Sewage Sludge/Biosolids		
Date	Hauled Off-site				Hauled Off-site		Dewatered and Incinerated On-site			
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	
8/12/24				23.64	18.83	4.45				
8/12/24				23.63	18.83	4.45				
8/14/21				23.23	18.83	4.37				
8/14/24				23.50	18.83	4.43				
8/15/24				23.40	18.83	4.41				
8/20/24				23.30	18.83	4.39				
8/26/24				23.10	18.83	4.35				
8/29/24				23.68	18.83	4.46				
	·		·			·				

TOTAL: TOTAL: 35.302 TOTAL:

### SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Grosso Farm	Lemin Farm	Deimler Farm	Lemin Farn
Municipality	Tyrone	Todd	Juniata	Todd
County	Perry	Huntington	Perry	Huntington
DEP Permit No.	PA-PE-00005-0-0002	PA-HU-00005-0-0004	PA-PE-00005-0-0004-A	PA-HU-00005-0-0002
Type of Material*	biosolids	biosolids	biosolids	biosolids
Dry Tons Applied/Disposed	4.43	17.66	4.45	8.74
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization
Hauler Name	Synagro	Synagro	Synagro	Synagro

<sup>\*</sup> See Instructions for explanation.

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	September 23, 2024

3800-FM-I	3CW0438 3/2012
	pennsylvania

### **SUPPLEMENTAL REPORT**

per	NNSYLVANIA TENT OF ENVIRONMENTAL PROTECTI	ON	SEWAGE SLU	UDGE / BIOSOLI	DS PRODUC	CTION AND DIS	POSAL						
Facility Name: Dover Township STP						Month: Au	aust	Year:	2024				
Municipality:			•				NPDES Permit No.:						
Watershed:	7-F	ТОТТОТТЬ					Renewal application due <u>180 days</u> prior to expira						
T-I					This permit will expire on: June 30, 2022								
	SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)												
	SEWAGE SLU	DGE / BIOS	OLIDS PRODUC	CTION INFORMAT	ION (Identify	each off-site ren	noval event and inc	ineration ever	nt)				
Check he	Check here if there were no off-site removal events during the month												
Liquid Sewage Sludge/Biosolids			Dewatered	Dewatered Sewage Sludge/Biosolids			Sewage Sludge/Biosolids						
Date Hauled Off-site				Hauled Off-site		•	Dewatered and Incinerated On-site						
	Gallons 9	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons				
<u> </u>	•	TOTAL:		•	TOTAL:	<u> </u>		TOTAL:					
	0.5		005 / DI0001 ID		_	AL AND DENEELS	NAL LIGE INFORMAT						
	SE	-WAGE SLUI					CIAL USE INFORMAT	ION					
	. N	<del>-</del>		ites where biosolids	or asn were d	isposed or land ap	opilea)						
	ite Name	<u> </u>	Deimler Farm										
	unicipality		Juniata										
County DEP Permit No.		DA_C	Perry PA-PE-00006-0-0015										
Type of Material*		F A-F	biosolids										
Dry Tons Applied/Disposed			4.46										
Type of Disposal/Use*		agric	cultural utilization										
Hauler Name			Synagro										
<u> </u>	ions for explanation.	_	<u></u>	•				<u>-</u>					
	•		orenared under my o	direction or supervision i	in accordance wit	h a system designed	to assure that qualified p	ersonnel gather ar	nd				
	•	•		•		,	sponsible for gathering th	•					
			•		•	•			ding 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: Christian L. Jordan License No.: S17213													
	Title:	Superinte	IIUCIII		Date	s. <u>Septen</u>	1001 23, 2024						

# INSTRUCTIONS FOR COMPLETING SEWAGE SLUDGE / BIOSOLIDS SUPPLEMENTAL REPORT

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

## Biosolids and Incinerator Ash Disposal and Beneficial Use Information

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

3800-FM-E	3CW0438 3/2012
	pennsylvania
	DEPARTMENT OF ENVIRONMENTAL PROTECTION

# SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name:	Dover Township STP		Month: September	Year:	2024
Municipality:	Conewago Township	County: York	NPDES Permit No.:		
Watershed:	7-F		Renewal application due 180 da	<b>/s</b> prior to expirat	ion
			This permit will expire on: June	30, 2022	_

## SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge/Biosolids			uid Sewage Sludge/Biosolids Dewatered Sewage Sludge/Biosolids			Sewage Sludge/Biosolids		
Date		Hauled Off-site		Hauled Off-site		Dewatered and Incinerated On-site			
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons
9/5/24				23.51	18.83	4.43			
9/6/24				22.63	18.83	4.26			
9/6/24				22.50	18.83	4.24			
9/9/24				22.65	18.83	4.26			
9/11/24				22.82	18.83	4.30			
9/12/24				22.80	18.83	4.29			
9/16/24				22.79	18.83	4.29			

TOTAL: TOTAL: 30.072 TOTAL:

# SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Jeff Mowrer	Jeff Mowrer	Jeff Mowrer	Jeff Mowrer
Municipality	Centre/Savile/Spring	Centre/Savile/Spring	Centre/Savile/Spring	Centre/Savile/Spring
County	Perry	Perry	Perry	Perry
DEP Permit No.	PA-PE-00001-0-0001-I	PA-PE-00001-0-0001-G	PA-PE-0001-0-0001-H	PA-PE-00001-0-0001-F
Type of Material*	biosolids	biosolids	biosolids	biosolids
Dry Tons Applied/Disposed	4.43	4.26	4.24	8.56
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization
Hauler Name	Synagro	Synagro	Synagro	Synagro

<sup>\*</sup> See Instructions for explanation.

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:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	October 23, 2024

3800-FM-E	3CW0438 3/2012	
	pennsylvania	
	•	

# **SUPPLEMENTAL REPORT**

P	PARTMENT OF ENVIRONMEN	ania NTAL PROTECTION	N	SEWAGE SL	UDGE	/ BIOSOLI	DS PRODUC	TION AND	DISP	POSAL		
Facility Na	ame. <b>Dov</b> e	er Town	ship STP					Month	Sen	tember	Year	: <b>2024</b>
Municipali			ownship	Co	unty: `	York			S Perm			
Watershe			Т		_					lication due 180 da	ys prior to exp	iration
			•							ill expire on: Jun		
	CEMAC	,	CE / DIOS	SOLIDE BRODIL	CTION	LINEODMAT	ION (Identify)	aaab aff air			in avatian ava	-4\
							ION (Identify	each on-si	e remo	oval event and inc	ineration ever	nt)
Cneck				val events during t	ne mon		2 21 1	/DI			O: 1 (D)	
Doto	Liqui		e Sludge/B				Sewage Sludg				ge Sludge/Bios	
Date	Gallons		ed Off-site Solids		Ton		Hauled Off-site % Solids		nc		I and Incinerate % Solids	
	Gallons	70	Solius	Dry Tons	1011	s Dewatered	% 30IIus	Dry To	ns	Tons Dewatered	% Solius	Dry Tons
							<del> </del>					
							<del> </del>					
			TOTAL:				TOTAL:				TOTAL:	
		SF	WAGE SI U	IDGE / BIOSOLID	S AND	INCINERATO	R ASH DISPOS	SAL AND BE	NEFICIA	AL USE INFORMAT	ION	
		<u> </u>					or ash were d					
	Site Name			Jeff Mowrer						,		
	Municipality			ntre/Savile/Spring								
	County			Perry								
D	EP Permit No.		PA-P	E-00001-0-0001-D	)							
Ту	pe of Material	<b> </b> *		biosolids								
	ns Applied/Dis			8.58								
	of Disposal/U	Jse*	agri	cultural utilization								
l	Hauler Name			Synagro								
* See Instru	uctions for expl	lanation.										
I certify unde	er penalty of law	that this do	ocument was	prepared under my	direction	or supervision	in accordance wit	h a system de:	signed to	assure that qualified p	ersonnel gather a	nd
evaluate the	information sub	mitted. Bas	sed on my ind	quiry of the person or	r person	s who manage t	he system or thos	se persons dire	ectly resp	onsible for gathering th	e information, the	
						•		-	ant pena	Ities for submitting false	e information, inclu	uding the
possibility of	f fine and impriso	onment for	knowing viola	ations. See 18 Pa. C	S.S. § 49	004 (relating to u	nsworn falsification	on).				
	Prep	ared Bv:	Christian	L. Jordan			Lice	nse No.:		S17213		
	Title:		Superinte				Date	_	ctober	23, 2024		

# INSTRUCTIONS FOR COMPLETING SEWAGE SLUDGE / BIOSOLIDS SUPPLEMENTAL REPORT

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

## Biosolids and Incinerator Ash Disposal and Beneficial Use Information

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

3800-FM-E	3CW0438 3/2012
	pennsylvania
E	DEPARTMENT OF ENVIRONMENTAL PROTECTION

# SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name:	Dover Township STP		Month: October	Year: <b>2024</b>
Municipality:	Conewago Township	County: York	NPDES Permit No.:	
Watershed: 7-F		Renewal application due 180 day	ys prior to expiration	
			This permit will expire on: June	e 30, 2022

## SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge/Biosolids				Dewatered Sewage Sludge/Biosolids			Sewage Sludge/Biosolids		
Date		Hauled Off-site			Hauled Off-site		Dewatered	and Incinerate	ed On-site	
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	
10/3/24				23.50	19.03	4.47				
10/8/24				23.25	19.03	4.42				
10/10/24				23.51	19.03	4.47				
10/11/24				22.57	19.03	4.30				
10/11/24				22.37	19.03	4.26				
10/11/24				22.50	19.03	4.28				
10/21/24				22.67	19.03	4.31				
10/23/24				22.79	19.03	4.34				
10/28/24				23.13	19.03	4.40				
10/29/24				23.12	19.03	4.40				

TOTAL: TOTAL: 43.657 TOTAL:

# SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Jeff Mowrer	Jeff Mowrer	Jeff Mowrer	Jeff Mowrer
Municipality	Centre/Savile/Spring	Centre/Savile/Spring	Centre/Savile/Spring	Centre/Savile/Spring
County	Perry	Perry	Perry	Perry
DEP Permit No.	PA-PE-00001-0-0004-F	PA-PE-00001-0-0004-D1	PA-PE-00001-0-00004-A	PA-PE-00001-0-0005-A1
Type of Material*	biosolids	biosolids	biosolids	biosolids
Dry Tons Applied/Disposed	4.42	4.47	8.56	4.28
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization
Hauler Name	Synagro	Synagro	Synagro	Synagro

<sup>\*</sup> See Instructions for explanation.

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:	Christian L. Jordan	License No.:	S17213	
Title:	Superintendent	Date:	November 22, 2024	

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	pennsylvania	

# SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

	EPARTMENT OF ENVIRONMENTAL	PROTECTION	SEWAGE SL	ODGE / BIOSOLI	D3 PRODUC	I ION AND	DISPUSAL		
Facility N	Name: <b>Dover</b>	Township STP	ship STP				: October	Year	2024
Municipa		vago Township		unty: York			S Permit No.:		-
Watershed: <b>7-F</b>						Renew	al application due 180	days prior to expi	ration
	'					This pe	ermit will expire on: J	une 30, 2022	
	CEWACE	CLUDGE / DIG	COLUDE DDODL	CTION INFORMAT	ION (Islamtify, a				-4\
					ION (Identity e	acn off-sit	e removal event and	incineration ever	it)
Che	ck here if there we	re no off-site rem	oval events during t	he month					
	Liquid	Sewage Sludge/	Biosolids	Dewatered	Sewage Sludge	/Biosolids	Se	wage Sludge/Bios	olids
Date		Hauled Off-site	е		Hauled Off-site		Dewate	ered and Incinerate	d On-site
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry To	ns Tons Dewatere	ed % Solids	Dry Tons
		TOTAL:			TOTAL:			TOTAL:	
		SEWAGE SI	UDGE / BIOSOLID	S AND INCINERATO	R ASH DISPOS	AI AND RE	NEFICIAL USE INFORM	ATION	
		OLIVAGE GE		ites where biosolids				ATION	
	Site Name		Jeff Mowrer		Martin Farm		Telfer Farm	Telfo	er Farm
	Municipality	Ce	entre/Savile/Spring		ntgomery		Beale/Spruce Hill		Spruce Hill
	County		Perry		ranklin		Juniata		ıniata
	DEP Permit No.	PA-	PE-00001-0-0005-E	B PA-FR	-0006-0-0007		PA-JU-00004-0-0038	PA-JU-00	004-0-0007-B
Т	ype of Material*		biosolids	b	iosolids		biosolids	bio	solids
	ons Applied/Dispo		4.31		4.34		4.40	4	1.40
Тур	e of Disposal/Use	e* ag	ricultural utilization		ural utilization	;	agricultural utilization		al utilization
	Hauler Name		Synagro	S	Synagro		Synagro	Sy	nagro
* See Inst	tructions for explar	nation.							
I certify und	der penalty of law tha	at this document wa	s prepared under my	direction or supervision	in accordance with	a system des	signed to assure that qualifie	ed personnel gather ar	nd
		•	. , .		•	•	ectly responsible for gathering	•	
		•	-	•		-	ant penalties for submitting f	false information, inclu	ding the
possibility (	of fine and imprisonn	nent for knowing vio	olations. See 18 Pa. 0	C.S. § 4904 (relating to u	nsworn falsification	n).			
	Prepar	ed By: Christia	n L. Jordan		Licen	se No.:	S17213		
	Title:	Superin			Date	. N	ovember 22, 2024		

# INSTRUCTIONS FOR COMPLETING SEWAGE SLUDGE / BIOSOLIDS SUPPLEMENTAL REPORT

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
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- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

3800-FM-I	BCW0438 3/2012
	pennsylvania

# SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

DEPAR	RTMENT OF ENVIR	ONMENTAL PROTECTI	ON	SEWAGE SL	UDGE	/ BIOSOLII	DS PRODUC	TION A	ND DIS	POSAL				
Facility Name: <b>Dover Tow</b>			nshin STP					Mor	nth: <b>No</b> v	/ember	Year:	Year: <b>2024</b>		
•		onewago	•	Co	unty:	unty: York			DES Pern					
Watershed	_	-F	•		, <u>-</u>			Ren	ewal app	lication due 180 da	ys prior to expi	ration		
	_		_							vill expire on: June				
	SEW	VAGE SLU	DGE / BIOS	SOLIDS PRODU	CTION	INFORMATI	ION (Identify e	each off-	site rem	oval event and inc	ineration ever	nt)		
Check	here if the	ere were no	off-site remo	val events during t	he mon	th								
	L	iquid Sewa	ge Sludge/B	iosolids		Dewatered	Sewage Sludge	e/Biosoli	ds	Sewag	ge Sludge/Bios	olids		
Date		Hau	led Off-site			1	Hauled Off-site			Dewatered	and Incinerate	d On-site		
	Gallo	ns S	% Solids	Dry Tons	Ton	s Dewatered	% Solids	Dry	Tons	Tons Dewatered	% Solids	Dry Tons		
11/14/24						23.60	19.03	4.	49					
11/14/24						22.79	19.03	4.	.34					
11/14/24						23.71	19.03	4.	.51					
11/20/24						22.59	19.03	4.	.30					
			TOTAL:				TOTAL:	17.	.639		TOTAL:			
		SE	EWAGE SLU	DGE / BIOSOLID	S AND	INCINERATO	R ASH DISPOS	AL AND	BENEFICI	AL USE INFORMATI	ON			
							or ash were di							
	Site Nam	e	Spa	ahr Family Farm			ry Imes			HushonFarm				
	Municipali		1	Reading			Milford			ch Bottom				
	County			Adams		J	luniata			York				
DE	EP Permit	No.	PA-	AD-00027-0-0004			00008-0-00H2		PA-YR-	00018-0-0015				
	pe of Mate			biosolids			osolids			iosolids				
		/Disposed		4.47			13.13			4.51				
Туре	of Dispos	al/Use*	agri	cultural utilization		agricultu	ural utilization		agricult	ural utilization				
Н	Hauler Nar	ne		Synagro		S	ynagro		5	Synagro				
* See Instru	uctions for	explanation.												
I certify under	er penalty of	law that this o	document was	prepared under my	direction	or supervision i	n accordance with	a system	designed to	assure that qualified pe	ersonnel dather ar	nd		
						•		-	-	ponsible for gathering th	-			
			•		•	-	•			alties for submitting false		iding the		
			-	ations. See 18 Pa. C				_	•	· ·		-		
	-	ropored D.	"Christic»	l lorden		-	Liaa	ooo Na :		647040				
			/: Christian					nse No.:	Docomb	S17213				
	ı	itle:	Superinte	HIUEIIL			Date	;.	Deceing	er 24, 2024				

3800-FM-E	3CW0438 3/2012	
	pennsylvania	

# SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

DEP	PARTMENT OF ENVIRONM	MENTAL PROTECTIO	N	SEWAGE SL	UDGE / BIOSOLI	DS PRODUC	TION AND DIS	POSAL		
Facility Name: <b>Dove</b>		ver Town	ship STP				Month: No	vember	Year	2024
Municipali			Township	Co	unty: <b>York</b>		NPDES Perr			
Watershed: 7			_					lication due 180 da		iration
							This permit v	vill expire on: June	e 30, 2022	
	SEWA	GE SLUE	GE / BIOS	OLIDS PRODU	CTION INFORMAT	ION (Identify e	each off-site rem	oval event and inc	ineration ever	nt)
Check	k here if there	were no o	off-site remov	al events during t	he month					
	Liq	uid Sewag	e Sludge/B	iosolids	Dewatered	Sewage Sludg	e/Biosolids	Sewa	age Sludge/Biosolids	
Date			led Off-site			Hauled Off-site	;	Dewatered	and Incinerate	ed On-site
	Gallons	· %	6 Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons
					1					
					1					
					1					
			TOTAL:			TOTAL:			TOTAL:	
		SE	WAGE SLU	DGE / BIOSOLID	S AND INCINERATO	R ASH DISPOS	SAL AND BENEFIC	IAL USE INFORMAT	ION	
				(Identify all s	ites where biosolids	or ash were di	isposed or land ap	plied)		
	Site Name									
	Municipality	1								
	County									
	EP Permit Noteri									
	ns Applied/D									
	of Disposal									
	Hauler Name	)								
* See Instr	uctions for ex	planation.								
I certify unde	er penalty of la	w that this d	ocument was	prepared under my	direction or supervision	in accordance with	h a system designed t	o assure that qualified p	ersonnel gather ar	nd
			•	. , .		•		ponsible for gathering th	·	
			-					alties for submitting false	e information, inclu	iding the
possibility of	t tine and impris	sonment for	knowing viola	ations. See 18 Pa. C	C.S. § 4904 (relating to u	nsworn talsificatio	on).			
				L. Jordan			nse No.:	S17213		
	Title	e:	Superinte	endent		Date	e: Noveml	per 22, 2024		

# INSTRUCTIONS FOR COMPLETING SEWAGE SLUDGE / BIOSOLIDS SUPPLEMENTAL REPORT

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

## Biosolids and Incinerator Ash Disposal and Beneficial Use Information

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

3800-FM-E	3CW0438 3/2012
	pennsylvania
	DEPARTMENT OF ENVIRONMENTAL PROTECTION

# SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name:	Dover Township STP		Month: <b>December</b>	Year:	2024
Municipality:	Conewago Township	County: York	NPDES Permit No.:		
Watershed:	7-F		Renewal application due 180 da	ys prior to expirat	ion
			This permit will expire on: <u>Jun</u>	e 30, 2022	_

## SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge/Biosolids			Dewatered	Sewage Sludge	e/Biosolids	Sewage Sludge/Biosolids			
Date		Hauled Off-site			Hauled Off-site		Dewatered and Incinerated On-site			
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	
12/2/24				22.43	19.03	4.27				
12/2/24				23.46	19.03	4.46				
12/4/24				22.80	19.03	4.34				
12/10/24				23.90	19.03	4.55				
12/10/24				22.94	19.03	4.37				
12/13/24				23.05	19.03	4.39				
12/13/24				23.62	19.03	4.49				
12/23/24				23.00	19.03	4.38				
12/26/24				23.10	19.03	4.40				
12/27/24				23.13	19.03	4.40				
12/27/23				22.80	19.03	4.34				

TOTAL: TOTAL: 48.380 TOTAL:

# SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Shughart Farm	Shughart Farm	Long 1	Long 1
Municipality	Monroe	Monroe	Milford	Milford
County	Cumberland	Cumberland	Juniata	Juniata
DEP Permit No.	PA-CU-00003-0-0006	PA-CU-00003-0-0005-B	PA-JU-00005-0-000E	PA-JU-00005-0-000F
Type of Material*	biosolids	biosolids	biosolids	biosolids
Dry Tons Applied/Disposed	8.73	4.34	4.39	4.49
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization
Hauler Name	Synagro	Synagro	Synagro	Synagro

<sup>\*</sup> See Instructions for explanation.

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:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	January 22, 2025

3800-FM-E	3CW0438 3/2012	
	pennsylvania	
	•	

# **SUPPLEMENTAL REPORT**

per	NNSYLVANIA MENT OF ENVIRONMENTAL PROTECTI	ON	SEWAGE SLU	JDGE / BIOSOLII	DS PRODUC	TION ANI	D DISPOSAL			
Facility Name	e: <b>Dover Towr</b>	shin STP				Month	: December		Year	2024
Municipality:			Cou	inty: York			S Permit No.:			2024
Watershed:	7-F	. с и поппр		y. <u>1011.</u>			val application	due <b>180 da</b> v	vs prior to exp	iration
	<u> </u>	_					ermit will expire			
										<del></del>
	SEWAGE SLU	DGE / BIOS	OLIDS PRODUC	CTION INFORMATI	ON (Identify of	each off-sit	te removal eve	ent and inci	ineration ever	nt)
Check he	ere if there were no	off-site remova	al events during th	e month						
	Liquid Sewa	ge Sludge/Bi	osolids	Dewatered	Sewage Sludg	e/Biosolids		Sewa	ge Sludge/Bios	olids
Date	Hau	lled Off-site			Hauled Off-site	;		Dewatered	and Incinerate	ed On-site
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry To	ons Tons I	Dewatered	% Solids	Dry Tons
<u> </u>	•	TOTAL:		•	TOTAL:		<u> </u>		TOTAL:	
	0.5		005 / DI0001 ID0					INICODMATI		
	SE	-WAGE SLUL		S AND INCINERATO				INFORMATI	ON	
	. N	1 01		tes where biosolids	or ash were di	sposed or i	and applied)	1		
	ite Name	Sr	nughart Farm							
	unicipality County		Monroe Cumberland							
	Permit No.		:U-00003-0-0002							
	of Material*	F A-C	biosolids							
	Applied/Disposed		4.38							
•	Disposal/Use*	agric	ultural utilization							
•	uler Name		Synagro							
<u> </u>	ions for explanation.	-	<u>,                                    </u>	<b>.</b>						
	•		orenared under my d	lirection or supervision i	n accordance with	n a system de	signed to assure t	hat qualified no	ersonnel dather a	nd
, .	•			persons who manage the		•	J		•	
			•	curate and complete. I	•	•				
				S. § 4904 (relating to u		~		•	,	-
	Propored Pr	" Christian	Lordon	-	Lion	naa Na :		C17212		
	Prepared By Title:	Superinte			Date	nse No.:	anuary 22, 202	S17213		
	riue.	Superinte	iiutiil		Date	. <u>J</u>	ariuary ZZ, ZUZ	-0		

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- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

# Select Parameters and Stages (Monitoring Locations) and Enter Limits Contained in Your Permit

(Note - Flow is assumed. If it does not apply, please ignore).

Outfall No.

PARAMETER / STAGE		QUAI	NTITY OR LOADING	}		QUALITY OR CON	CENTRATION	
PARAMETER / STAGE		LOAD 1	LOAD 2	UNITS	CONC 1	CONC 2	CONC 3	UNITS
Flow (50050)	LIMIT	Report						
Final Effluent (1)	STATISTICAL CODE	Average Monthly		MGD	****	****	****	****
Fecal Coliform (74055)	LIMIT					2000	10000	
Final Effluent (1)	STATISTICAL CODE					Geometric Mean	Daily Maximum	CFU/100 ml
BOD5 (310)	LIMIT	Report	Report			Report		
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L
Total Suspended Solids (530)	LIMIT	Report	Report			Report		
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L
Dissolved Oxygen (300)	LIMIT				5.0			
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			mg/L
pH (400)	LIMIT				6.0		9.0	
Final Effluent (1)	STATISTICAL CODE				Daily Minimum		Daily Maximum	S.U.
CBOD5 (80082)	LIMIT	1334	2000			20	40	
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L
Total Suspended Solids (530)	LIMIT	2000	3000			30	45	
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L
Total Phosphorus (665)	LIMIT	133				2.0		
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L
Ammonia-Nitrogen (610)	LIMIT	300				4.5		
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L
Total Kjeldahl Nitrogen (625)	LIMIT	Report	Report			Report		
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
Nitrate-Nitrite as N (630)	LIMIT	Report	Report			Report		
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
Total Nitrogen (600)	LIMIT	Report	Report			Report		
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
UV Intensity (49607)	LIMIT				Report			:
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			%
	LIMIT							:
	STATISTICAL CODE							



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DAILY EFFLUENT MONITORING

Facility Name: Dover Township STP Month: 2024 1 (select number) Year: Municipality: Permit No.: **PA0020826** Outfall: 001 Conewago Township York Watershed: Renewal application due 180 days prior to expiration. Laboratories: on site Dover Township STP Laboratory This permit will expire on: June 30, 2022

								1		1	1			1				1		1		T		1				_			
	F	Parameter	Flow	Fec	al Coliform		BOD5		TSS	Dissolv	ved Oxygen		рН		CBOD5		TSS	Tota	l Phosphorus		NH3-N		TKN	NC	02-N + NO3-N	Т	otal Nitrogen	U	V Intensity		
		Stage	1		1		RI		RI		1		1		1		1		1		1		1		1		1		1		
Week	Day	Date	MGD	Q	CFU/100 ml	Q	mg/L	Q	mg/L	Q	mg/L	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	%	Q	
																												ш			
																												$\vdash$		-	
4	Sun	12/31/23	3.018			-					8.91		6.38									1				1		<del>⊢</del> →	26.32		
<b>-</b> '-	Mon	1/1/24	2.914								8.68		6.43															$\vdash$	100.0		
	Tue	1/2/24	2.887		170.0		178.0		208.0		9.12		6.30		6.0		7.0		0.545		5.637		6.85		2.69		9.54	$\vdash$	100.0		
	Wed	1/3/24	2.732		7.0		175.0		212.0		9.16		6.13		3.0		4.0		0.395		5.958		6.69		3.44		10.13		100.0		
	Thu	1/4/24	2.503		6.0		148.0		192.0		9.35		6.64		3.0		3.0		0.333		4.159		5.78		5.19		10.97		100.0		
	Fri	1/5/24	2.374				155.0		198.0		9.71		6.92	<	2.0		2.0		0.359		3.562		4.19		5.31		9.50		100.0		
	Sat	1/6/24	2.667				75.0		688.0		9.48		6.73	<	2.0		2.0		0.183		3.936		4.10		6.51		10.61		100.0		
2	Sun	1/7/24	4.707								8.61		6.42																17.12		
	Mon	1/8/24	4.76		4.0		97.0		100.0		8.75		6.69	<	2.0		4.0		0.118		0.727		1.08		7.00		8.08		75.79		
	Tue	1/9/24	10.189		2.0		89.0		92.0		9.17		6.30	<	2.0		2.0		0.103	<	0.016		0.67		5.71	1	6.38	ш	96.02		
	Wed	1/10/24	13.295				== 0		40.0		7.50		6.20						0.010		0.074		4.0=		0.07	-	= 0.1	ш	85.93	_	
	Thu Fri	1/11/24	5.951 4.726	-	2.0		57.0 169.0		48.0 248.0		8.57 9.21		6.61	<	2.0		4.0 2.0		0.319		0.874	-	1.67		3.97 5.41	-	5.64 6.45	$\vdash$	100.0	-	
	Sat	1/12/24	6.546			-	85.0		100.0		8.12		6.84	<	2.0		2.0		0.274		0.140	1	0.54		6.31	1	6.85	<del>⊢</del> →	100.0		
3	Sun	1/13/24	5.122			-	05.0		100.0		9.08		6.25	_	2.0		2.0		0.230		0.132		0.34		0.51		0.03	$\vdash$	100.0		
	Mon	1/15/24	4.083			<b></b>				<b></b>	9.41		6.37															$\vdash$	100.0		
	Tue	1/16/24	3.632		3.0		86.0		140.0		9.34		6.14	<	2.0		2.0		0.428		0.074		0.56		6.45		7.01		100.0		
	Wed	1/17/24	3.263		3.0		111.0		113.0		9.17		6.74	<	2.0		2.0		0.495		0.024	<	0.17		7.08		7.25		100.0		
	Thu	1/18/24	3.313		2.0		109.0		135.0		10.26		6.77	<	2.0		3.0		0.512		0.025	<	0.17		8.01		8.18		100.0		
	Fri	1/19/24	3.021				90.0		113.0		9.89		6.64	<	2.0		2.0		0.605		0.019	<	0.17		8.49		8.66		100.0		
	Sat	1/20/24	2.893				121.0		148.0		10.00		6.76	<	2.0		2.0		0.839	<	0.016	<	0.17		9.19		9.36		100.0		
4	Sun	1/21/24	2.869								10.15		6.68															ш	100.0		
	Mon	1/22/24	2.672		2.0		172.0		240.0		9.54		6.51	<	2.0		2.0		1.209		0.031		0.19		10.16	1	10.35	ш	100.0		
	Tue	1/23/24	2.462		2.0	1	100.0		101.0		8.82		6.27					_				1	0.47		40.05	1	40.50	$\vdash$	100.0		
	Wed	1/24/24	2.767	<	1.0		126.0		181.0		9.74		6.78	<	2.0		2.0		1.445	<	0.016	<	0.17		10.35	-	10.52	$\vdash$	100.0	-	
	Thu Fri	1/25/24	4.373 5.96			-	105.0 103.0		194.0 81.0		9.03 8.72		6.78	<	2.0		2.0		1.523 1.243	<	0.016 0.017	<	0.17 0.46		9.74 8.37	1	9.91 8.83	<del>⊢</del> →	100.0		
-	Sat	1/20/24	4.945				46.0		53.0		8.42		6.62	<	2.0		3.0		1.055		1.092		1.78		3.23		5.01	$\vdash$	100.0		
5	Sun	1/28/24	8,699			-	40.0		55.0	<b></b>	7.1		6.44		2.0		5.0		1.000		1.032		1.70		0.20		5.01		28.88		
	Mon	1/29/24	7.117		4.0	t	63.0		52.0		7.76		6.71		2.0		8.0		1.191		2.265		3.26		2.23		5.49		93.44		
	Tue	1/30/24	5.495								7.62		6.08																100.0		
	Wed	1/31/24	4.582		3.0		54.0		80.0		8.83		7.47	<	2.0		2.0		0.343		1.201		1.68		1.71		3.39		3.02		
	Thu	2/1/24	3.877		2.0		61.0		87.0		9.02		6.83	<	2.0		2.0		0.369		1.266		1.75		2.29		4.04		100.0		
	Fri	2/2/24	3.683				75.0		86.0		8.97		6.55	<	2.0	<	2.0		0.276		0.394		0.9		3.5		4.4	Щ	100.0		
	Sat	2/3/24	3.37			Щ	129.0	Щ	101.0	$\bot$	9.38		6.76	<	2.0		2.0	Щ	0.347	Щ	0.05	Щ	0.68	1	3.26	<u> </u>	3.94	ليك	100.0		
	s for DMR	(0)			1		46		49		7.4		6.08		2		2		0.402		0.016		0.17		4.74		3.39		2.02		
	Daily Minimu	. ,		<	170	<	46 178		48 688	$\vdash$	7.1 10.26		7.47	<	6		2 8	$\vdash$	0.103 1.523	<	0.016 5.958	<	0.17 6.85	1	1.71 10.35	1	3.39 10.97	$\vdash$	3.02 100	-	
	Daily Maxim lax Avg Wee			$\vdash$	170	++	178		300	1	9.59		1.41	<	3		4		1.523	1	4.65		5.52		8.37	1	10.97	$\vdash$	100		
		thly (Conc.):				<	110		164		8.98			<	2		3		0.6	<	1.4	<	1.89	1	6.21	1	8.1	$\vdash$	90.33		
	Geometric Me			<	4	Ħ		H			5.00	1		ĦÌ	-		, ,			Ħ		ĦÌ			V		<u> </u>	$\vdash$	00.00		
	Max Avg We	` '	7.168			t	5109		6614		504			<	107	<	147		44		103		115		304	1	354				
	Avg Mor	nthly (Load):	4.63			<	3584		4950		336			<	78		107		22	<	38	<	53		211		268				
	Total Mor	nthly (Load):	143.519			<	111118		153442		10414			<	2404		3320		669	<	1178	<	1641		6527		8314				
	Daily Minim		2.374				1668		2186		181			<	40		40		4	<	0.4	<	4		65		130				
	Daily Maxim	num (Load):	13.295				7563		15303		832			<	170	T	475		71	1 1	136	1 7	193		485	1	542	i T			

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, in his 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 knowling values. See 18 Pa. C.S. 5.8 4940 (telaing to unsworn talsification).

Prepared By: Christian L. Jordan License No.: **\$17213** 22-Feb-24 Title: Superintendent Date:

# INSTRUCTIONS FOR COMPLETING DAILY EFFLUENT MONITORING SUPPLEMENTAL REPORT

This spreadsheet is used for recording daily sample results for effluent (although other stages can be selected), and includes DEP-approved calculations and handling of rounding and significant figures for reporting\*. The calculations are provided for convenience and do not automatically populate into online eDMR reports.

The recommended sequence of data entry is as follows: 1) Enter parameter names, units of measurement, and permit limits into the **Limits** worksheet, and 2) Enter daily monitoring results into the **Daily** worksheet (for each outfall). The statistics for DMR reporting are presented at the bottom of the Daily table. You may then manually enter the statistics results into the eDMR report.

### **Limits Worksheet**

- 1. Enter the Outfall Number from your permit or eDMR report.
- 2. In the column named "Parameter / Stage", select each parameter and its associated stage (monitoring location) from your permit or eDMR report that corresponds to the selected Outfall. Parameter names include the Parameter Code in parentheses. Common parameters are listed first, and then are listed alphabetically. Up to 30 parameters, including Flow, can be selected per Outfall. Stage names include the Stage Code in parentheses. Codes are shown to help you match your selections with the eDMR data entry screen. In the event a parameter or stage on your eDMR report is not available, please contact DEP at (717) 787-6744. It is assumed that Flow Final Effluent is in your permit. This assumption is necessary for loading calculations, where applicable. If you are not required to measure flow in your permit for the outfall, please ignore it. If you are required to monitor a bacterial parameter (e.g., Fecal Coliform), it is recommended that you select this parameter immediately below "Flow" as explained below (No. 3, Daily Effluent Monitoring Worksheet).
- 3. Paper and electronic DMRs contain five columns or fields for data entry. In the Limits worksheet, the columns are named "Load 1", "Load 2", "Conc 1", "Conc 2", and "Conc 3". Enter permit limit values in the row for "LIMIT" and the appropriate column. If there is a "Monitor & Report" requirement only, type "Report". If there is no limit or monitoring required for the column, leave it blank. You can also select Statistical Codes from the lists below each limit field, though this is not required.
- 4. If you have entered a limit value for either Load 1 or Load 2 for a parameter, you must select a value for Units in the "Quantity or Loading" column. If you have entered a limit value for either Conc 1, Conc 2 or Conc 3 for a parameter, you must select a value for Units in the "Quality or Concentration" column. If a parameter does not, for example, have a limit value (including "Report") for Load 1 or Load 2, the Units value may remain blank.

## **Daily Worksheet**

- 1. Enter Facility Name, Municipality, County (select from list), Watershed No., Month (select number from list), Year (select from list), Permit No., and Permit Expiration Date (leave blank if not applicable). Also, report all laboratories where samples were analyzed during the month, including on-site analysis.
- 2. The first week of each month begins on a Sunday and the last week of each month ends on a Saturday. The Week column identifies the start of each weekly period for the purpose of computing weekly statistics. The full calendar month is used for calculating monthly statistics. Days and dates are automatically populated following your entry of the numeric Month and Year in Step 1. If the permit does not contain a weekly statistical reporting requirement for a parameter, do not enter data outside of the calendar month. For example, if you must report minimum and maximum pH measurements (but not weekly average), enter data beginning on the first day of the month and ending on the last day of the month. If, for example, you have a weekly average limit for CBOD<sub>5</sub>, and if samples were collected on any date shown on the form that is outside the calendar month, enter the results.

- 3. Parameters (abbreviated), stages (stage code), and units will be displayed in the order selected on the Limits worksheet. The Qualifier ("Q") columns allow you to select the "<" symbol. In addition, the first "Q" column to the right of Flow allows you to select the "<" symbol as well as the ">" symbol. By policy, DEP accepts the use of the ">" symbol only for bacterial results. Therefore, if you have a bacterial parameter in your permit, it is recommended that you select it after Flow in the Limits worksheet.
- 4. On each day in which a sample is collected for analysis, enter the result in the column corresponding to the parameter analyzed. Enter the result exactly as reported by the laboratory or determined by on-site equipment. If the result is reported as a "non-detect" result, enter the laboratory's reporting limit for the result and select the "less than" (<) symbol from the lists in the "Q" columns. For bacteria, if the result is "0", enter "1".
- 5. Statistics are computed at the bottom of the form. If a limit value exists for the statistic, the decimal places of the statistic will match that of the limit. If a limit value does not exist, the statistic will present the maximum number of decimal places from the reported results. Note for maximum weekly average results, week 5 is not included in the results unless week 5 is a full week (7 days).
- **6.** Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

### Notes:

- 1. In the Daily worksheet, the pane has been "frozen" so that pertinent information can be viewed at all times. You can "unfreeze" the panes at any time by clicking on Window Unfreeze Panes (Excel 2003) or select the "View" tab from the "Windows" group, choose "Freeze Panes", and select "Unfreeze Panes" from the pop-up (Excel 2007).
- 2. If your permit contains limits in terms of micrograms, nanograms or picograms per liter (μg/l, ng/l or pg/l), please convert this to mg/l for entry into the Limits worksheet.
- 3. Chesapeake Bay nutrient parameters for Total Monthly Loading statistics (e.g., Total Nitrogen, parameter code 51445) cannot be selected on the Limits worksheet. However, you can select the concentration-based parameter that is equivalent (e.g., Total Nitrogen, parameter code 600), enter flows and concentration values, and Total Monthly Loading statistics will be calculated.
- If you have a requirement to report on the functioning of your ultraviolet disinfection (UV) system (i.e., "UV Functional" parameter), you should select units of "Y/N" in the Limits worksheet and report values of "1" for Yes (UV Functional) and "< 1" for No (UV Not Functional) in the Daily worksheet.

<sup>\*</sup> All attempts have been made in developing this spreadsheet to follow procedures contained in "Discharge Monitoring Reports Overview and Summary" (3800-BK-DEP3047). Please check the Supplemental Forms website for updates to this spreadsheet periodically and contact DEP at 717-787-2137 with questions. If your permit requires that you follow different procedures, you must follow your permit.

# Select Parameters and Stages (Monitoring Locations) and Enter Limits Contained in Your Permit

(Note - Flow is assumed. If it does not apply, please ignore).

Outfall No.

PARAMETER / STAGE		QUA	NTITY OR LOADING	3		QUALITY OR CON	CENTRATION	
TAKAWETEK/ STAGE		LOAD 1	LOAD 2	UNITS	CONC 1	CONC 2	CONC 3	UNITS
Flow (50050)	LIMIT	Report						
Final Effluent (1)	STATISTICAL CODE	Average Monthly		MGD	****	****	****	****
Fecal Coliform (74055)	LIMIT					2000	10000	
Final Effluent (1)	STATISTICAL CODE					Geometric Mean	Daily Maximum	CFU/100 ml
BOD5 (310)	LIMIT	Report	Report			Report		
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L
Total Suspended Solids (530)	LIMIT	Report	Report	-		Report		
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L
Dissolved Oxygen (300)	LIMIT				5.0			
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			mg/L
pH (400)	LIMIT				6.0		9.0	
Final Effluent (1)	STATISTICAL CODE				Daily Minimum		Daily Maximum	S.U.
CBOD5 (80082)	LIMIT	1334	2000			20	40	
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L
Total Suspended Solids (530)	LIMIT	2000	3000			30	45	
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L
Total Phosphorus (665)	LIMIT	133				2.0		
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L
Ammonia-Nitrogen (610)	LIMIT	300				4.5		
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L
Total Kjeldahl Nitrogen (625)	LIMIT	Report	Report	-		Report		
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
Nitrate-Nitrite as N (630)	LIMIT	Report	Report	-		Report		
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
Total Nitrogen (600)	LIMIT	Report	Report			Report		
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
UV Intensity (49607)	LIMIT				Report			
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			%
	LIMIT							
	STATISTICAL CODE							





Laboratories:

#### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Dover Township STP Month: 2 (select number) Municipality: Conewago Township York Watershed:

on site Dover Township STP Laboratory

Permit No.: **PA0020826** 

2024 Year: 001

Outfall: Renewal application due 180 days prior to expiration.

This permit will expire on: June 30, 2022

	ı	arameter	Flow	Fe	cal Coliform	BOD5		TSS	Disso	lved Oxygen		рН		CBOD5		TSS	Tota	al Phosphorus		NH3-N		TKN	NO	2-N + NO3-N	Т	otal Nitrogen	U	JV Intensity		
		Stage	1		1	RI		RI		1		1		1		1		1		1		1		1		1		1		
Week		Date	MGD	Q		Q mg/L	Q	mg/L	Q	mg/L	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	,	Q	%	ď	
	Thu	2/1/24	3.877		2.0	61.0		87.0		9.02		6.83	<	2.0		2.0		0.369		1.266		1.75		2.29		4.04		100.0		
	Fri	2/2/24	3.683			75.0	+	86.0	-	8.97		6.55	<	2.0	<	2.0		0.276		0.394	-	0.9		3.5		4.4 3.94		100.0		
4	Sat Sun	2/3/24	3.37 3.149	$\vdash$		129.0		101.0	-	9.38 9.10		6.76	<	2.0	$\vdash$	2.0		0.347		0.05		0.68		3.26	$\vdash$	3.94		100.0 100.0		
	Mon	2/5/24	2.993		2.0	118.0	-	316.0	<del></del>	9.32		6.77		2.0	_	2.0	+ +	0.660		0.162	-	0.73		3.12		3.85		64.62		
	Tue	2/6/24	2.993		4.0	112.0		110.0		8.07		6.60	~	2.0	~	2.0	+ 1	0.740		0.102		0.70		4.40		5.10		100.0		
	Wed	2/7/24	2.919		4.0	155.0	1	220.0		9.74		6.84	-	2.0	-	2.0		0.756		0.218		0.74		4.70		5.44		100.0		
	Thu	2/8/24	2.874		1.0	104.0	+	164.0		9.14		6.84	_	2.0	<	2.0		0.801		0.200		0.77		5.09		5.46		100.0		
	Fri	2/9/24	3.14		1.0	101.0		101.0		9.48	_	6.18		2.0	Ė	2.0	+ +	0.001		0.200		0.07		0.00		0.10		100.0		
	Sat	2/10/24	3.78			160.0	1	330.0		9.15		6.71		2.0		2.0		0.775		0.028		0.44		5.33		5.77		100.0		
2	Sun	2/11/24	4.108				1		t t	9.13	T İ	6.61		-														100.0		
	Mon	2/12/24	3.878		5.0		1	1	t t	9.53		6.53									t					1		16.65		
	Tue	2/13/24	5.171		2.0	148.0		210.0		8.50		6.86		2.0	<	2.0		0.601	<	0.016		0.68		3.90		4.58		100.0		
	Wed	2/14/24	5.189			103.0		70.0		9.02	İ	6.22		2.0		2.0		1.923		3.369		4.22		3.76		7.98		100.0		
	Thu	2/15/24	4.679		4.0	72.0		77.0		8.72	İ	6.81		2.0		4.0		1.321		3.621		4.26		3.94		8.20		100.0		
	Fri	2/16/24	4.513			69.0		44.0		8.98		6.56		2.0		3.0		0.622		1.781		2.65		2.84		5.49		100.0		
	Sat	2/17/24	4.612			69.0		68.0		9.41		6.69		2.0	<	2.0		1.245		0.167		0.63		7.81		8.44		100.0		
3	Sun	2/18/24	4.247							9.51		6.54																100.0		
	Mon	2/19/24	3.798			140.0		104.0		9.84		6.57		2.0		3.0		0.888	<	0.016		0.42		6.61		7.03		100.0		
	Tue	2/20/24	3.418		5.0	96.0		68.0		9.46		6.86		2.0		2.0		0.836	<	0.016		0.56		6.60		7.16		100.0		
	Wed	2/21/24	3.072		1.0					9.11		6.18																100.0		
	Thu	2/22/24	3.237		2.0	126.0	ļ	144.0		9.30		6.87		2.0		2.0		0.902		0.191		0.38		6.21		6.59		100.0		
	Fri	2/23/24	4.086			80.0		98.0		9.01		6.64		2.0	<	2.0		0.804		0.107		0.58		5.20		5.78		100.0		
	Sat	2/24/24	4.433			66.0		62.0		9.05		6.61		2.0	<	2.0		0.773		0.017		0.47		4.65		5.12		100.0		
4	Sun	2/25/24	3.916				<u> </u>		1 1	8.99		6.33																100.0		
	Mon	2/26/24	3.43	<	1.0	46.0	<u> </u>	158.0	1 1	8.57		6.61		2.0		2.0	1 1	1.044		0.153	1	0.60		4.53		5.13		24.68		
	Tue	2/27/24	3.211	<	1.0	92.0	+	84.0	-	9.03		6.20		2.0		2.0		1.295		0.021	-	0.21		5.90		6.11		100.0		
	Wed	2/28/24	2.935 3.044		4.0	113.0	+	200.0	-	8.55 8.82		6.60		2.0	<	2.0		1.796	<	0.016	-	0.34		6.28		6.62		100.0		
	Thu Fri	2/29/24 3/1/24	2.881		4.0	121.0	-	126.0	1 1	9.49		6.56		2.0		3.0	+ -	2.026		0.016		1.35		5.79		7.14		100.0 100.0		
	Sat	3/2/24	4.784			45.0	-	132.0	<del></del>	8.79		6.68		2.0		2.0	+ +	1.902		0.016	-	0.86		6.06		6.92		56.52		
5	Sat	3/2/24	4.704			45.0	+	132.0		0.79		0.00		2.0		2.0		1.902		0.022		0.00		6.06		0.92		56.52		
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							t	1									+									1				
							t	1									+									1				
							1										T													
Statisti	cs for DMR																													
	Daily Minim	ım (Conc.):		<	1	46		44		8.07		6.18	<	2	<	2		0.276	<	0.016		0.21		2.29		3.85		16.65		
	Daily Maxim				5	160		330		9.84		6.93		2		4		1.923		3.621		4.26		7.81		8.44		100		
	Max Avg Wee	kly (Conc.):				130		228		9.33				2	<	3		1.613	<	1.791		2.49		5.85		6.94		100		
		hly (Conc.):				102		133		9.1			<	2	<	2		0.9	<	0.6		1.06		4.76		5.82		93.31		,
	Geometric Me			<	2																									
	Max Avg We		4.593			3780		6048		345				81	٧	104		47	٧	72		118		183		279				
		thly (Load):	3.712			3145	1	4015		282			<	63	<	70		29	<	21		39		148		186				
		thly (Load):	107.662			91214	1	116429		8167			<	1822	<	2026		828	<	623		1132		4294		5384				
	Daily Minin		2.874			1316	1	1656		195				48	<	48		8	<	0.4		6		74		96	Ш			
	Daily Maxin	um (Load):	5.189	1		6383	1	10403		390			1 1	87	1	156	1 1	83	1	146	1	183		300	1	345		l	ı	

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 the possibility of the ned impressment for knowing volutions. See 18 Pa. C. S. S. 69 149 (testing) to unswort lastication).

Prepared By: Christian L. Jordan License No.: **\$17213** 15-Mar-24 Title: Superintendent Date:

# INSTRUCTIONS FOR COMPLETING DAILY EFFLUENT MONITORING SUPPLEMENTAL REPORT

This spreadsheet is used for recording daily sample results for effluent (although other stages can be selected), and includes DEP-approved calculations and handling of rounding and significant figures for reporting\*. The calculations are provided for convenience and do not automatically populate into online eDMR reports.

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## **Daily Worksheet**

- 1. Enter Facility Name, Municipality, County (select from list), Watershed No., Month (select number from list), Year (select from list), Permit No., and Permit Expiration Date (leave blank if not applicable). Also, report all laboratories where samples were analyzed during the month, including on-site analysis.
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<sup>\*</sup> All attempts have been made in developing this spreadsheet to follow procedures contained in "Discharge Monitoring Reports Overview and Summary" (3800-BK-DEP3047). Please check the Supplemental Forms website for updates to this spreadsheet periodically and contact DEP at 717-787-2137 with questions. If your permit requires that you follow different procedures, you must follow your permit.

# Select Parameters and Stages (Monitoring Locations) and Enter Limits Contained in Your Permit

(Note - Flow is assumed. If it does not apply, please ignore).

Outfall No.

PARAMETER / STAGE		QUA	NTITY OR LOADING	3		QUALITY OR CON	CENTRATION	
TAKAWETEK/ STAGE		LOAD 1	LOAD 2	UNITS	CONC 1	CONC 2	CONC 3	UNITS
Flow (50050)	LIMIT	Report						
Final Effluent (1)	STATISTICAL CODE	Average Monthly		MGD	****	****	****	****
Fecal Coliform (74055)	LIMIT					2000	10000	
Final Effluent (1)	STATISTICAL CODE					Geometric Mean	Daily Maximum	CFU/100 ml
BOD5 (310)	LIMIT	Report	Report			Report		
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L
Total Suspended Solids (530)	LIMIT	Report	Report	-		Report		
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L
Dissolved Oxygen (300)	LIMIT				5.0			
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			mg/L
pH (400)	LIMIT				6.0		9.0	
Final Effluent (1)	STATISTICAL CODE				Daily Minimum		Daily Maximum	S.U.
CBOD5 (80082)	LIMIT	1334	2000			20	40	
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L
Total Suspended Solids (530)	LIMIT	2000	3000			30	45	
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L
Total Phosphorus (665)	LIMIT	133				2.0		
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L
Ammonia-Nitrogen (610)	LIMIT	300				4.5		
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L
Total Kjeldahl Nitrogen (625)	LIMIT	Report	Report	-		Report		
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
Nitrate-Nitrite as N (630)	LIMIT	Report	Report	-		Report		
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
Total Nitrogen (600)	LIMIT	Report	Report			Report		
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
UV Intensity (49607)	LIMIT				Report			
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			%
	LIMIT							
	STATISTICAL CODE							





Laboratories:

#### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Dover Township STP Month: Municipality: Conewago Township York Watershed:

on site Dover Township STP Laboratory

3 (select number) Permit No.: **PA0020826** 

Year: Outfall:

2024 001

Renewal application due 180 days prior to expiration.
This permit will expire on:

June 30, 2022

		Parameter	Flow	Fe	ecal Coliform	ı	BOD5		TSS	Disso	lved Oxygen		рН		CBOD5		TSS	Tota	al Phosphorus		NH3-N		TKN	NO	2-N + NO3-N	То	otal Nitrogen	u	IV Intensity		
		Stage	1		1		RI		RI		1		1		1		1		1		1		1		1		1		1		
Wee	Day	Date	MGD	Q	CFU/100 ml	Q	mg/L	Q	mg/L	Q	mg/L	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	%	Q	
	Fri	3/1/24	2.881				121.0		126.0	1 1	9.49		6.56	<	2.0		3.0		2.026	<	0.016		1.35		5.79	1	7.14		100.0	1	
4	Sat Sun	3/2/24	4.784 4.689			<del>                                     </del>	45.0		132.0	+ +	8.79 8.16		6.68	<	2.0	<	2.0		1.902		0.022		0.86		6.06	1	6.92		56.52 87.0	<del>├</del>	
-	Mon	3/4/24	3.822		2.0		61.0		56.0		8.18		6.33	<	2.0	<	2.0		1.347		0.048		0.67		4.20	1	4.87		100.0	<del>⊢</del> ⊢	
	Tue	3/5/24	3.959		2.0		01.0		30.0		9.22		6.23		2.0	_	2.0		1.047		0.040		0.01		4.20		4.07		100.0	t	
	Wed	3/6/24	3.842		1.0		61.0		94.0		9.00		7.46	<	2.0	-	2.0		1.956		0.023	<	0.17		9.43		9.60		100.0		
	Thu	3/7/24	3.893				87.0		101.0		8.77		6.54	<	2.0	<	2.0		1.878	<	0.016	<	0.17		8.74		8.91		100.0		
	Fri	3/8/24	3.486				100.0		90.0		8.85		6.91	<	2.0		2.0		1.589	<	0.016	<	0.17		8.12		8.29		100.0		
	Sat	3/9/24	5.784				79.0		122.0		9.06		6.80	<	2.0	<	2.0		1.448		0.023	<	0.17		7.94		8.11		89.83		
2	Sun	3/10/24	9.266								6.29		6.71																66.26		
	Mon	3/11/24	6.521		4.0		47.0		60.0		7.44		6.42		5.0		27.0		1.301		1.720		4.10		1.58		5.68		87.51	1	
	Tue	3/12/24	5.27	<	4.0	<	50.0 123.0		52.0		8.65		6.80 6.55	<	2.0		4.0		0.471		0.563		1.31		2.83		4.14 5.55		57.05	<b>└</b>	
	Wed	3/13/24	4.218	<	1.0 2.0		58.0		72.0 119.0	1	8.07		6.56		2.0	<	2.0	-	0.308 0.351		0.016	$\vdash$	1.04 0.79		4.51 5.57	1	6.36		99.91 99.59	<del></del>	
	Thu Fri	3/14/24 3/15/24	3.631 3.385	$\vdash$	2.0	<del>   </del>	58.0		119.0	+ +	8.43 8.31		6.20	<	2.0	<	2.0		0.351	$\vdash$	0.169	$\vdash$	0.79		5.57	<del>                                     </del>	6.36	$\vdash$	99.59	<del>├</del>	
	Sat	3/16/24	3.252				107.0		192.0		8.15		6.67	<	2.0	_	2.0		0.373		0.225		0.37		4.59	1	4.96		99.89	<del>⊢</del> ⊢	
3	Sun	3/17/24	3.29				101.0		102.0		8.64		6.42	Ė	2.0		2.0		0.070	t	0.220		0.01		1.00		1.00		36.95		
_	Mon	3/18/24	3.149	<	1.0						8.46		6.12							H									100.0		
	Tue	3/19/24	2.921		2.0		279.0		347.0		8.75		6.76	<	2.0	-	3.0		0.764		0.984		1.98		3.01		4.99		100.0		
	Wed	3/20/24	2.853		3.0		149.0		328.0		8.70		6.72	<	2.0	<	2.0		0.657		0.475		1.18		4.25		5.43		100.0		
	Thu	3/21/24	3.124				273.0		532.0		9.02		6.52	<	2.0		2.0		0.776		0.248		1.13		4.62		5.75		100.0		
	Fri	3/22/24	3.64				218.0		548.0		9.16		6.75	<	2.0		2.0		0.842		0.271		1.09		4.65		5.74		42.93		
	Sat	3/23/24	5.784				117.0		228.0		9.24		6.88		2.0	<	2.0		0.901		0.079		0.90		6.17		7.07		97.5		
4	Sun	3/24/24	4.737								8.18		6.27																23.88	<u></u>	
	Mon	3/25/24	3.584				72.0		120.0		8.66		6.56	<	2.0		3.0		0.517		0.363		1.61		2.09		3.70		100.0	<b>└</b>	
	Tue	3/26/24 3/27/24	3.262 3.175		2.0		92.0 123.0		156.0 162.0	+ +	8.83 8.63		6.21	<	2.0		2.0		0.430		0.021		0.84		2.88 3.47	-	3.72 4.16		100.0 100.0	<del>⊢</del>	
	Wed Thu	3/28/24	3.124		4.0		76.0		132.0		8.57		7.03	<	2.0	-	2.0		0.509	-	0.016		0.69 1.18		3.47		5.15		100.0	<del>⊢</del> ⊢	
	Fri	3/29/24	3.063		4.0		70.0		132.0	+ +	9.49		6.60	-	2.0	`	2.0		0.704		0.010		1.10		3.91	1	3.13		100.0	++	
	Sat	3/30/24	2.851				128.0		164.0		9.29		6.94	<	2.0	<	2.0		0.916	<	0.016		0.84		4.20		5.04		100.0		
5	Sun	3/31/24	2.921								8.77		6.74				,												100.0		
																														$\Box$	-
																										1				$\sqcup \bot$	
		ļ				$\vdash$				1				$\vdash \downarrow$				<u> </u>		H						1		1		$\sqcup$	
Stati	tics for DMR															_		_						Щ		_		Щ		_	
Stati	Daily Minim			<	1	1 1	45		52	1 1	6.29		6.12	<	2	<	2		0.308	<	0.016	<	0.17		1.58		3.7		23.88	$\vdash$	
	Daily Maxir			ì	4		279		548	++	9.49		7.46	H	5	`	27		2.026	$\vdash$	1.72	L.	4.1	H	9.43	1	9.6		100	$\vdash$	
	Max Avg We				-		207		397		8.85		7.70	<	3	<	7		1.644	H	0.539		1.52		7.69	1	7.96		96.69	+	
		nthly (Conc.):				<	112		179		8.62			<	2	<	3		1.0	<	0.2	<	1.03		4.94		5.97		88.53		
	Geometric N			<	2																					1					
	Max Avg W	eekly (Load):	5.078				5943		11551		324			<	109	<	366		57		26		73		268		277				
		onthly (Load):	4.005			<	3388		5408		283			<	72	<	134		33	<	9	<	36		161		197				
		onthly (Load):	124.161			<	105028		167649		8785			<	2244	<	4164		1035	<	285	<	1120		5004		6111			$\sqcup$	
		mum (Load):	2.851			$\vdash$	1756		1785	1 1	207			<	48	<	48		10	<	0.4	<	5		62	1	101	$\vdash$		++	
	Daily Maxii	mum (Load):	9.266				7113		16636		486				272		1468		76		94		223		383	1	391				

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, in his 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 knowling values. See 18 Pa. C.S. 5.8 4904 (telaling to unsworn talsification).

Prepared By: Christian L. Jordan License No.: **\$17213** Title: Superintendent Date: 23-Apr-24

# INSTRUCTIONS FOR COMPLETING DAILY EFFLUENT MONITORING SUPPLEMENTAL REPORT

This spreadsheet is used for recording daily sample results for effluent (although other stages can be selected), and includes DEP-approved calculations and handling of rounding and significant figures for reporting\*. The calculations are provided for convenience and do not automatically populate into online eDMR reports.

The recommended sequence of data entry is as follows: 1) Enter parameter names, units of measurement, and permit limits into the **Limits** worksheet, and 2) Enter daily monitoring results into the **Daily** worksheet (for each outfall). The statistics for DMR reporting are presented at the bottom of the Daily table. You may then manually enter the statistics results into the eDMR report.

### **Limits Worksheet**

- 1. Enter the Outfall Number from your permit or eDMR report.
- 2. In the column named "Parameter / Stage", select each parameter and its associated stage (monitoring location) from your permit or eDMR report that corresponds to the selected Outfall. Parameter names include the Parameter Code in parentheses. Common parameters are listed first, and then are listed alphabetically. Up to 30 parameters, including Flow, can be selected per Outfall. Stage names include the Stage Code in parentheses. Codes are shown to help you match your selections with the eDMR data entry screen. In the event a parameter or stage on your eDMR report is not available, please contact DEP at (717) 787-6744. It is assumed that Flow Final Effluent is in your permit. This assumption is necessary for loading calculations, where applicable. If you are not required to measure flow in your permit for the outfall, please ignore it. If you are required to monitor a bacterial parameter (e.g., Fecal Coliform), it is recommended that you select this parameter immediately below "Flow" as explained below (No. 3, Daily Effluent Monitoring Worksheet).
- 3. Paper and electronic DMRs contain five columns or fields for data entry. In the Limits worksheet, the columns are named "Load 1", "Load 2", "Conc 1", "Conc 2", and "Conc 3". Enter permit limit values in the row for "LIMIT" and the appropriate column. If there is a "Monitor & Report" requirement only, type "Report". If there is no limit or monitoring required for the column, leave it blank. You can also select Statistical Codes from the lists below each limit field, though this is not required.
- 4. If you have entered a limit value for either Load 1 or Load 2 for a parameter, you must select a value for Units in the "Quantity or Loading" column. If you have entered a limit value for either Conc 1, Conc 2 or Conc 3 for a parameter, you must select a value for Units in the "Quality or Concentration" column. If a parameter does not, for example, have a limit value (including "Report") for Load 1 or Load 2, the Units value may remain blank.

## **Daily Worksheet**

- 1. Enter Facility Name, Municipality, County (select from list), Watershed No., Month (select number from list), Year (select from list), Permit No., and Permit Expiration Date (leave blank if not applicable). Also, report all laboratories where samples were analyzed during the month, including on-site analysis.
- 2. The first week of each month begins on a Sunday and the last week of each month ends on a Saturday. The Week column identifies the start of each weekly period for the purpose of computing weekly statistics. The full calendar month is used for calculating monthly statistics. Days and dates are automatically populated following your entry of the numeric Month and Year in Step 1. If the permit does not contain a weekly statistical reporting requirement for a parameter, do not enter data outside of the calendar month. For example, if you must report minimum and maximum pH measurements (but not weekly average), enter data beginning on the first day of the month and ending on the last day of the month. If, for example, you have a weekly average limit for CBOD<sub>5</sub>, and if samples were collected on any date shown on the form that is outside the calendar month, enter the results.

- 3. Parameters (abbreviated), stages (stage code), and units will be displayed in the order selected on the Limits worksheet. The Qualifier ("Q") columns allow you to select the "<" symbol. In addition, the first "Q" column to the right of Flow allows you to select the "<" symbol as well as the ">" symbol. By policy, DEP accepts the use of the ">" symbol only for bacterial results. Therefore, if you have a bacterial parameter in your permit, it is recommended that you select it after Flow in the Limits worksheet.
- 4. On each day in which a sample is collected for analysis, enter the result in the column corresponding to the parameter analyzed. Enter the result exactly as reported by the laboratory or determined by on-site equipment. If the result is reported as a "non-detect" result, enter the laboratory's reporting limit for the result and select the "less than" (<) symbol from the lists in the "Q" columns. For bacteria, if the result is "0", enter "1".
- 5. Statistics are computed at the bottom of the form. If a limit value exists for the statistic, the decimal places of the statistic will match that of the limit. If a limit value does not exist, the statistic will present the maximum number of decimal places from the reported results. Note for maximum weekly average results, week 5 is not included in the results unless week 5 is a full week (7 days).
- **6.** Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

### Notes:

- 1. In the Daily worksheet, the pane has been "frozen" so that pertinent information can be viewed at all times. You can "unfreeze" the panes at any time by clicking on Window Unfreeze Panes (Excel 2003) or select the "View" tab from the "Windows" group, choose "Freeze Panes", and select "Unfreeze Panes" from the pop-up (Excel 2007).
- 2. If your permit contains limits in terms of micrograms, nanograms or picograms per liter (μg/l, ng/l or pg/l), please convert this to mg/l for entry into the Limits worksheet.
- 3. Chesapeake Bay nutrient parameters for Total Monthly Loading statistics (e.g., Total Nitrogen, parameter code 51445) cannot be selected on the Limits worksheet. However, you can select the concentration-based parameter that is equivalent (e.g., Total Nitrogen, parameter code 600), enter flows and concentration values, and Total Monthly Loading statistics will be calculated.
- If you have a requirement to report on the functioning of your ultraviolet disinfection (UV) system (i.e., "UV Functional" parameter), you should select units of "Y/N" in the Limits worksheet and report values of "1" for Yes (UV Functional) and "< 1" for No (UV Not Functional) in the Daily worksheet.

<sup>\*</sup> All attempts have been made in developing this spreadsheet to follow procedures contained in "Discharge Monitoring Reports Overview and Summary" (3800-BK-DEP3047). Please check the Supplemental Forms website for updates to this spreadsheet periodically and contact DEP at 717-787-2137 with questions. If your permit requires that you follow different procedures, you must follow your permit.

# Select Parameters and Stages (Monitoring Locations) and Enter Limits Contained in Your Permit

(Note - Flow is assumed. If it does not apply, please ignore).

Outfall No.

PARAMETER / STAGE		QUA	NTITY OR LOADING	3		QUALITY OR CON	CENTRATION	
TAKAWETEK/ STAGE		LOAD 1	LOAD 2	UNITS	CONC 1	CONC 2	CONC 3	UNITS
Flow (50050)	LIMIT	Report						
Final Effluent (1)	STATISTICAL CODE	Average Monthly		MGD	****	****	****	****
Fecal Coliform (74055)	LIMIT					2000	10000	
Final Effluent (1)	STATISTICAL CODE					Geometric Mean	Daily Maximum	CFU/100 ml
BOD5 (310)	LIMIT	Report	Report			Report		
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L
Total Suspended Solids (530)	LIMIT	Report	Report	-		Report		
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L
Dissolved Oxygen (300)	LIMIT			-	5.0			
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			mg/L
pH (400)	LIMIT			-	6.0		9.0	
Final Effluent (1)	STATISTICAL CODE				Daily Minimum		Daily Maximum	S.U.
CBOD5 (80082)	LIMIT	1334	2000			20	40	
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L
Total Suspended Solids (530)	LIMIT	2000	3000			30	45	
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L
Total Phosphorus (665)	LIMIT	133				2.0		
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L
Ammonia-Nitrogen (610)	LIMIT	300				4.5		
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L
Total Kjeldahl Nitrogen (625)	LIMIT	Report	Report	-		Report		
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
Nitrate-Nitrite as N (630)	LIMIT	Report	Report	-		Report		
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
Total Nitrogen (600)	LIMIT	Report	Report			Report		
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
UV Intensity (49607)	LIMIT				Report			
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			%
	LIMIT							
	STATISTICAL CODE							



#### SUPPLEMENTAL REPORT **DAILY EFFLUENT MONITORING**

Facility Name: Dover Township STP Month: Municipality: Conewago Township County: York

Watershed: on site Dover Township STP Laboratory

PROTECTION

Laboratories:

4 (select number) Permit No.: **PA0020826** 

Year: Outfall:

2024

3800-FM-BCW0435 3/2012

Renewal application due 180 days prior to expiration. This permit will expire on: June 30, 2022

Fecal Coliform BOD5 TSS Dissolved Oxyger CBOD5 NH3-N TKN NO2-N + NO3-N **UV Intensity** Flow Week Day Date MGD Q CFU/100 ml Q ma/L Q mg/L Q mg/L Q S.U. Q mg/L Q mg/L Q mg/L Q mg/L Q mg/L Q mg/L Q mg/L Q Q Sun 3/31/24 2.921 8.77 6.74 100.0 Mon 4/1/24 8.701 10.0 298.0 8.61 6.71 3.0 2.0 1.270 0.092 54.36 11.0 50.0 158.0 6.76 2.0 4.0 1.247 0.576 1.78 2.42 4.38 Tue 4/2/24 20.113 6.84 4.20 Wed 4/3/24 27 904 5.04 6.30 23 16 Thu 4/4/24 23,994 33.0 35.0 7.41 6 74 7.0 33.0 0.894 0.787 3.61 2.12 5.73 91.98 Fri 4/5/24 16.327 8.0 29.0 42.0 7.26 6.54 2.0 6.0 0.357 1.262 2.12 1.92 4.04 100.0 11.967 54.0 7.57 6.75 2.0 3.0 1.74 1.57 Sat 4/6/24 39.0 0.218 0.928 3.31 100.0 Sun 4/7/24 9.504 7.99 6.67 100.0 Mon 4/8/24 7.862 1.0 89.0 157.0 8 34 6.76 2.0 3.0 0.311 1.794 2.67 1.29 3.96 61.5 4/9/24 6.887 1.0 8.70 6.88 99.66 Wed 4/10/24 6.341 55.0 92.0 8.51 6.83 2.0 2.0 0.037 0.57 3.70 4.27 99.6 1.0 106.0 8.50 3.74 Thu 4/11/24 6.012 6.80 2.0 2.0 0.247 0.020 0.41 4.15 41.59 Fri 4/12/24 6 66 111.0 118 0 8 16 6.62 2.0 2.0 0.358 0.031 0.61 4 10 4 71 88 39 Sat 4/13/24 6.193 83.0 314.0 8.68 6.73 2.0 2.0 0.502 0.025 0.63 4.16 4.79 99.87 Sun 4/14/24 5.651 8.81 6.59 99.59 5.391 6.74 Mon 4/15/24 89.0 164.0 8.19 0.714 0.027 0.55 4.30 4.85 99.62 2.0 2.0 2.0 Tue 4/16/24 4.85 125.0 170.0 8.42 6.62 ~ ~ 2.0 0.803 0.022 0.62 4.17 4.79 99.58 Wed 4/17/24 4.492 1.0 189.0 168.0 8.50 6.70 2.0 2.0 1.036 0.016 0.49 4.77 5.26 99.69 4.253 4.0 178.0 6.46 2.0 0.57 Thu 4/18/24 133.0 8.52 2.0 1.310 0.016 5.09 99.77 Fri 4/19/24 4.146 8.61 6.35 100.0 Sat 4/20/24 4 186 167.0 218.0 8 96 6 92 2.0 2.0 1.671 0.016 0.60 6.37 6.97 99 92 Sun 4/21/24 4.077 8.76 6.53 100.0 Mon 4/22/24 3.606 7.0 50.0 262.0 8.72 6.73 2.0 2.0 1.874 0.016 3.38 6.18 9.56 70.59 4/23/24 3.388 2.0 8.67 6.36 100.0 Tue 150.0 296.0 6 54 2.0 2.0 1 303 0.070 0.69 6.32 7.01 Wed 4/24/24 3 245 8 14 100.0 Thu 4/25/24 3.25 4.0 236.0 436.0 8.07 6.79 2.0 2.0 1.334 0.016 0.60 6.56 7.16 100.0 Fri 4/26/24 3.122 138.0 272.0 8.69 6.69 2.0 2.0 1.232 0.016 0.84 5.51 6.35 100.0 4/27/24 8.48 6.67 100.0 Sat 3.234 194.0 250.0 2.0 2.0 1.193 0.016 0.89 4.93 5.82 Sun 4/28/24 3.67 8.11 6.37 100.0 Mon 4/29/24 3.53 268.0 264.0 8.18 6.65 2.0 2.0 1.073 0.066 1.15 42 5.35 23.6 Tue 4/30/24 3.455 5.0 317.0 344.0 8.29 6.23 ٧ 2.0 2.0 0.773 0.081 1.24 2.73 3.97 99.67 5.04 6.23 0.016 0.41 1.29 4.38 Daily Minimum (Conc.): 29 35 0.212 3.31 Daily Maximum (Conc) 11 317 436 8.96 6.92 33 1.874 1.794 3.61 6.56 9.56 100

Max Avg Weekly (Conc.) 154 303 8.57 3 10 1.387 0.729 2.01 5.9 7.18 99.74 129 200 8.19 0.9 0.3 1.21 4.06 5.27 85.22 Avg Monthly (Conc.) ٧ Geometric Mean (Conc. Max Avg Weekly (Load): 15.99 7295 13248 912 485 1707 110 105 308 295 603 Avg Monthly (Load) 7.534 5715 9235 480 ٧ 171 451 50 30 100 197 297 Total Monthly (Load): 226.011 171453 277054 14412 < 5120 < 13542 1492 < 901 2992 5923 8915 Daily Minimum (Load): 3.122 < 1504 4865 219 < 52 52 11 < 0.4 16 79 114 Daily Maximum (Load): 27.904 13642 26503 1483 1401 6604 209 172 722 424 1147 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: Christian L. Jordan License No.: S17213 Title: Superintendent Date: 27-May-24

# INSTRUCTIONS FOR COMPLETING DAILY EFFLUENT MONITORING SUPPLEMENTAL REPORT

This spreadsheet is used for recording daily sample results for effluent (although other stages can be selected), and includes DEP-approved calculations and handling of rounding and significant figures for reporting\*. The calculations are provided for convenience and do not automatically populate into online eDMR reports.

The recommended sequence of data entry is as follows: 1) Enter parameter names, units of measurement, and permit limits into the **Limits** worksheet, and 2) Enter daily monitoring results into the **Daily** worksheet (for each outfall). The statistics for DMR reporting are presented at the bottom of the Daily table. You may then manually enter the statistics results into the eDMR report.

### **Limits Worksheet**

- 1. Enter the Outfall Number from your permit or eDMR report.
- 2. In the column named "Parameter / Stage", select each parameter and its associated stage (monitoring location) from your permit or eDMR report that corresponds to the selected Outfall. Parameter names include the Parameter Code in parentheses. Common parameters are listed first, and then are listed alphabetically. Up to 30 parameters, including Flow, can be selected per Outfall. Stage names include the Stage Code in parentheses. Codes are shown to help you match your selections with the eDMR data entry screen. In the event a parameter or stage on your eDMR report is not available, please contact DEP at (717) 787-6744. It is assumed that Flow Final Effluent is in your permit. This assumption is necessary for loading calculations, where applicable. If you are not required to measure flow in your permit for the outfall, please ignore it. If you are required to monitor a bacterial parameter (e.g., Fecal Coliform), it is recommended that you select this parameter immediately below "Flow" as explained below (No. 3, Daily Effluent Monitoring Worksheet).
- 3. Paper and electronic DMRs contain five columns or fields for data entry. In the Limits worksheet, the columns are named "Load 1", "Load 2", "Conc 1", "Conc 2", and "Conc 3". Enter permit limit values in the row for "LIMIT" and the appropriate column. If there is a "Monitor & Report" requirement only, type "Report". If there is no limit or monitoring required for the column, leave it blank. You can also select Statistical Codes from the lists below each limit field, though this is not required.
- 4. If you have entered a limit value for either Load 1 or Load 2 for a parameter, you must select a value for Units in the "Quantity or Loading" column. If you have entered a limit value for either Conc 1, Conc 2 or Conc 3 for a parameter, you must select a value for Units in the "Quality or Concentration" column. If a parameter does not, for example, have a limit value (including "Report") for Load 1 or Load 2, the Units value may remain blank.

## **Daily Worksheet**

- 1. Enter Facility Name, Municipality, County (select from list), Watershed No., Month (select number from list), Year (select from list), Permit No., and Permit Expiration Date (leave blank if not applicable). Also, report all laboratories where samples were analyzed during the month, including on-site analysis.
- 2. The first week of each month begins on a Sunday and the last week of each month ends on a Saturday. The Week column identifies the start of each weekly period for the purpose of computing weekly statistics. The full calendar month is used for calculating monthly statistics. Days and dates are automatically populated following your entry of the numeric Month and Year in Step 1. If the permit does not contain a weekly statistical reporting requirement for a parameter, do not enter data outside of the calendar month. For example, if you must report minimum and maximum pH measurements (but not weekly average), enter data beginning on the first day of the month and ending on the last day of the month. If, for example, you have a weekly average limit for CBOD<sub>5</sub>, and if samples were collected on any date shown on the form that is outside the calendar month, enter the results.

- 3. Parameters (abbreviated), stages (stage code), and units will be displayed in the order selected on the Limits worksheet. The Qualifier ("Q") columns allow you to select the "<" symbol. In addition, the first "Q" column to the right of Flow allows you to select the "<" symbol as well as the ">" symbol. By policy, DEP accepts the use of the ">" symbol only for bacterial results. Therefore, if you have a bacterial parameter in your permit, it is recommended that you select it after Flow in the Limits worksheet.
- 4. On each day in which a sample is collected for analysis, enter the result in the column corresponding to the parameter analyzed. Enter the result exactly as reported by the laboratory or determined by on-site equipment. If the result is reported as a "non-detect" result, enter the laboratory's reporting limit for the result and select the "less than" (<) symbol from the lists in the "Q" columns. For bacteria, if the result is "0", enter "1".
- 5. Statistics are computed at the bottom of the form. If a limit value exists for the statistic, the decimal places of the statistic will match that of the limit. If a limit value does not exist, the statistic will present the maximum number of decimal places from the reported results. Note for maximum weekly average results, week 5 is not included in the results unless week 5 is a full week (7 days).
- **6.** Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

### Notes:

- 1. In the Daily worksheet, the pane has been "frozen" so that pertinent information can be viewed at all times. You can "unfreeze" the panes at any time by clicking on Window Unfreeze Panes (Excel 2003) or select the "View" tab from the "Windows" group, choose "Freeze Panes", and select "Unfreeze Panes" from the pop-up (Excel 2007).
- 2. If your permit contains limits in terms of micrograms, nanograms or picograms per liter (μg/l, ng/l or pg/l), please convert this to mg/l for entry into the Limits worksheet.
- 3. Chesapeake Bay nutrient parameters for Total Monthly Loading statistics (e.g., Total Nitrogen, parameter code 51445) cannot be selected on the Limits worksheet. However, you can select the concentration-based parameter that is equivalent (e.g., Total Nitrogen, parameter code 600), enter flows and concentration values, and Total Monthly Loading statistics will be calculated.
- If you have a requirement to report on the functioning of your ultraviolet disinfection (UV) system (i.e., "UV Functional" parameter), you should select units of "Y/N" in the Limits worksheet and report values of "1" for Yes (UV Functional) and "< 1" for No (UV Not Functional) in the Daily worksheet.

<sup>\*</sup> All attempts have been made in developing this spreadsheet to follow procedures contained in "Discharge Monitoring Reports Overview and Summary" (3800-BK-DEP3047). Please check the Supplemental Forms website for updates to this spreadsheet periodically and contact DEP at 717-787-2137 with questions. If your permit requires that you follow different procedures, you must follow your permit.

# Select Parameters and Stages (Monitoring Locations) and Enter Limits Contained in Your Permit

(Note - Flow is assumed. If it does not apply, please ignore).

Outfall No.

PARAMETER / STAGE		QUA	NTITY OR LOADING	3	QUALITY OR CONCENTRATION							
FARAMETER / STAGE		LOAD 1	LOAD 2	UNITS	CONC 1	CONC 2	CONC 3	UNITS				
Flow (50050)	LIMIT	Report										
Final Effluent (1)	STATISTICAL CODE	Average Monthly		MGD	****	****	****	****				
Fecal Coliform (74055)	LIMIT					200	1000					
Final Effluent (1)	STATISTICAL CODE					Geometric Mean	Daily Maximum	CFU/100 ml				
BOD5 (310)	LIMIT	Report	Report			Report						
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L				
Total Suspended Solids (530)	LIMIT	Report	Report			Report						
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L				
Dissolved Oxygen (300)	LIMIT				5.0							
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			mg/L				
рН (400)	LIMIT				6.0		9.0					
Final Effluent (1)	STATISTICAL CODE				Daily Minimum		Daily Maximum	S.U.				
CBOD5 (80082)	LIMIT	1667	1000			10	15					
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L				
Total Suspended Solids (530)	LIMIT	2000	3000			30	45					
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L				
Total Phosphorus (665)	LIMIT	133				2.0						
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L				
Ammonia-Nitrogen (610)	LIMIT	100				1.5						
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L				
Total Kjeldahl Nitrogen (625)	LIMIT	Report	Report			Report						
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L				
Nitrate-Nitrite as N (630)	LIMIT	Report	Report			Report						
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L				
Total Nitrogen (600)	LIMIT	Report	Report			Report						
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L				
UV Intensity (49607)	LIMIT				Report							
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			%				
	LIMIT											
	STATISTICAL CODE											





Watershed: Laboratories:

#### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Dover Township STP Month: Municipality: Conewago Township York

on site Dover Township STP Laboratory

5 (select number) Permit No.: **PA0020826** 

2024 Year: 001

Outfall:

Renewal application due 180 days prior to expiration.
This permit will expire on:

June 30, 2022

	Parameter Flow Fecal Coliform BOD5			PODE		TSS	Dissolved Oxygen		pH			CBOD5 TSS		тее	Total Phosphorus		NH3-N		TKN	NO2-N + NO3-N		Total Nitrogen		UV Intensity						
	,			cai Coliform					Dissolved Oxygen			рп		1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4		102-11 7 1103-11		rotal Nitrogen		OV intensity						
Week	Day	Stage Date	1 MGD	Q	1 CFU/100 ml	Q I	RI	Q	RI	Q	1	Q	1 S.U.	Q	1	Q	1	Q ma/L	Q	1	Q	1	Q	1	Q	1	Q	1 %	Q	
vveek	Day	Date	MGD	Q	CFU/100 mi	Q	mg/L	Q	mg/L	Q	mg/L	Q	S.U.	Q	mg/L	Q	mg/L	Q mg/L	Q	mg/L	Q	mg/L	Q	mg/L	ď	mg/L	Q	%	Q	
												-													╁	+	Ħ			
												- 1																		
1	Sun	4/28/24	3.67								8.11		6.37															100.0		ĺ
	Mon	4/29/24	3.53				268.0		264.0		8.18		6.65	<	2.0	<	2.0	1.073		0.066		1.15		4.20		5.35		23.6		
	Tue	4/30/24	3.455		5.0		317.0		344.0		8.29		6.23	<	2.0	٧	2.0	0.773		0.081		1.24		2.73		3.97		99.67		
	Wed	5/1/24	3.43		2.0		233.0		627.0		8.06		6.49	<	2.0	<	4.0	0.684		0.029		0.81		3.86		4.67		99.73		1
	Thu	5/2/24	3.405		3.0						8.24		6.40												<b>└</b>			99.68		<b></b>
	Fri	5/3/24	3.322				211.0		216.0		7.93		6.88	<	2.0	<	2.0	1.312		0.045		1.25		5.00	<b>└</b>	6.25	Ш	99.93		<b> </b>
	Sat	5/4/24	3.439				248.0		328.0		8.09		6.75	<	2.0	<	2.0	1.010	-	0.030		0.70		5.06	ሥ	5.76	$\sqcup$	100.0		<del></del>
2	Sun	5/5/24	4.871		4.0		007.0		040.0		8.33		6.62		0.0		0.0	0.700		0.000		0.00	_	5.45	₽	0.05	$\vdash$	100.0		<b></b>
1	Mon Tue	5/6/24 5/7/24	4.135 3.726	$\vdash$	4.0	$\vdash$	227.0	H	216.0	$\vdash$	7.92 8.41		6.57 6.45	<	2.0	<	2.0	0.720	1	0.030		0.90		5.15	H	6.05	₩	43.14 100.0		<del></del>
	Wed	5/7/24	3.726	$\vdash$	54.0		106.0		208.0		7.80		6.57	<	2.0	<	2.0	0.374	1	0.038		0.90	$\vdash$	3.60	$\vdash$	4.50	$\vdash$	99.74		
	Thu	5/9/24	3,433		24.0		181.0	H	192.0		8.22		6.57	-	2.0	-	2.0	0.431	+	0.028		0.86		3.61	H	4.47	$\vdash$	100.0		f
	Fri	5/10/24	4.22		21.0		117.0		192.0		8.44	_	6.53	<	2.0	<	2.0	0.589		0.030		0.75		4.20	H	4.95	Ħ	100.0		
	Sat	5/11/24	4.117				188.0		200.0		8.69		6.79	<	2.0	<	2.0	0.571		0.029		0.76		5.42		6.18		100.0		
3	Sun	5/12/24	4.718								8.40		6.67		-		-							-				100.0		ĺ
	Mon	5/13/24	4.266		1.0		139.0		152.0		8.36		6.71	<	2.0	<	2.0	0.653		0.020		0.91		5.11		6.02		31.81		
	Tue	5/14/24	4.081		4.0		161.0		80.0		8.56		6.72	<	2.0	<	2.0	0.480		0.068		0.74		4.14		4.88		99.82		i
	Wed	5/15/24	4.723		3.0						7.99		6.36															99.94		
	Thu	5/16/24	4.292				192.0		176.0		7.92		6.75	<	2.0	٧	2.0	0.407	<	0.016		0.73		6.64		7.37		99.75		1
	Fri	5/17/24	3.927				134.0		88.0		8.20		6.78	<	2.0	<	2.0	0.492	<	0.016		0.68		3.39	<u>'</u>	4.07		99.91		L
	Sat	5/18/24	4.091				84.0		160.0		8.14		6.71	<	2.0	<	2.0	0.564	<	0.016		0.69		3.28	<u> </u>	3.97		100.0		
4	Sun	5/19/24	3.981								8.66		6.51												<b>└</b>		$ldsymbol{ldsymbol{\sqcup}}$	99.73		<b></b>
	Mon	5/20/24	3.812	<	1.0		154.0		208.0		8.44		6.75	<	2.0	<	2.0	0.612	<	0.016		0.71		2.86	<b>└</b>	3.57	$ldsymbol{ldsymbol{\sqcup}}$	10.43		<b></b>
	Tue	5/21/24	3.887		3.0		172.0		216.0		8.06		6.77	<	2.0	<	2.0	0.365		0.033		0.84	_	2.07	₽	2.91	$\vdash$	99.69		<b></b>
<b> </b>	Wed	5/22/24	3.802		3.0		201.0		208.0	-	8.00		6.67	<	2.0	<	2.0	0.295	-	0.023	-	0.67		2.18	₩	2.85	$\vdash$	99.55		<del></del>
-	Thu Fri	5/23/24 5/24/24	3.752 3.624			1 1	183.0		184.0		7.90 7.54		6.61	<	2.0	_	2.0	0.506	-	0.033		0.77		2.62	لــــا	3.39	$\vdash$	99.64 99.6		<del> </del>
	Sat	5/25/24	3.599			<del>                                     </del>	182.0		220.0		7.84		7.02	-	2.0	<	2.0	0.653	-	0.035		0.70		3.15	$\vdash \vdash$	3.85	$\vdash$	99.6		$\overline{}$
5	Sun	5/26/24	3.613				102.0		220.0		8.09		6.61		2.0	_	2.0	0.000		0.000		0.70		5.15	H	5.00	H	99.57		1
ĦŤ	Mon	5/27/24	4.212					H			7.87	- 1	6.94	H					1						H	†	$\vdash$	99.65		$\overline{}$
	Tue	5/28/24	3.762		4.0		201.0		244.0		7.48	t	6.73	<	2.0	<	2.0	0.534	1	0.04		0.88		2.44	H	3.32	$\vdash$	47.48		<u> </u>
	Wed	5/29/24	3.508		1.0		248.0		324.0		7.96		7.02	<	2.0	<	2.0	0.429		0.061		0.84		3.54	H	4.38	H	99.51		i
	Thu	5/30/24	3.521		3.0		198.0		192.0		8.07		6.88	<	2.0	<	2.0	1.388		0.038		0.53		6.97		7.5		99.83		
	Fri	5/31/24	3.462				226.0		244.0		7.81		6.6	<	2.0	<	2.0	1.845		0.036		0.7		6.51		7.21		99.71		
	Sat	6/1/24	3.51				220.0		272.0		7.9		6.79	<	2.0	<	2.0	1.872		0.036		0.68		6.58	Ш	7.26	Ш	99.37		
Statistic	s for DMR																													
	Daily Minimu	` '		<	1		84		80		7.48		6.36	<	2	<	2	0.295	<	0.016		0.53		2.07	ш	2.85	ш	10.43		
	Daily Maxim				54		248		627		8.69		7.02	<	2	<	4	1.845	1	0.068		1.25		6.97	ш	7.5	ш	100		
N	Max Avg Wee						255		356	$\vdash$	8.26			<	2	<	2	1.214	1	0.05		1.03		5.21	$\vdash$	5.93	$\vdash$	92.16		<b></b>
	Avg Mont Geometric Me	thly (Conc.):		<	3	$\vdash$	181		222		8.11			<	2	<	2	0.7	<	0.03		0.79	$\vdash$	4.13	ሥ	4.91	$\vdash$	91.21		<b></b>
	Max Avg We		4.3	-	3	$\vdash$	7330	H	10202	$\vdash$	295			<	69	<	69	36	1	1		31		157	H	183	₩			<del></del>
		nthly (Load):	3.88				5665	H	6864		263			<	63		66	21	<	1		25		131	H	155	$\vdash$			f
		nthly (Load):	120.271				175615		212779		8146			<	1957	<	2038	651	<	31		771		4047	H	4816	$\vdash$			
	Daily Minim		3.322				2866		2723		220			<	55	<	55	9	~	0.5		16		67	H	90	$\vdash$			
		num (Load):	4.871				7828		17936		338	_		<	72	<	114	53		2		35		238		264				

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, in his 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 knowling values. See 18 Pa. C.S. 5.8 4904 (telaling to unsworn talsification).

Prepared By: Christian L. Jordan License No.: **\$17213** Title: Superintendent Date: 12-Jul-24

This spreadsheet is used for recording daily sample results for effluent (although other stages can be selected), and includes DEP-approved calculations and handling of rounding and significant figures for reporting\*. The calculations are provided for convenience and do not automatically populate into online eDMR reports.

The recommended sequence of data entry is as follows: 1) Enter parameter names, units of measurement, and permit limits into the **Limits** worksheet, and 2) Enter daily monitoring results into the **Daily** worksheet (for each outfall). The statistics for DMR reporting are presented at the bottom of the Daily table. You may then manually enter the statistics results into the eDMR report.

### **Limits Worksheet**

- 1. Enter the Outfall Number from your permit or eDMR report.
- 2. In the column named "Parameter / Stage", select each parameter and its associated stage (monitoring location) from your permit or eDMR report that corresponds to the selected Outfall. Parameter names include the Parameter Code in parentheses. Common parameters are listed first, and then are listed alphabetically. Up to 30 parameters, including Flow, can be selected per Outfall. Stage names include the Stage Code in parentheses. Codes are shown to help you match your selections with the eDMR data entry screen. In the event a parameter or stage on your eDMR report is not available, please contact DEP at (717) 787-6744. It is assumed that Flow Final Effluent is in your permit. This assumption is necessary for loading calculations, where applicable. If you are not required to measure flow in your permit for the outfall, please ignore it. If you are required to monitor a bacterial parameter (e.g., Fecal Coliform), it is recommended that you select this parameter immediately below "Flow" as explained below (No. 3, Daily Effluent Monitoring Worksheet).
- 3. Paper and electronic DMRs contain five columns or fields for data entry. In the Limits worksheet, the columns are named "Load 1", "Load 2", "Conc 1", "Conc 2", and "Conc 3". Enter permit limit values in the row for "LIMIT" and the appropriate column. If there is a "Monitor & Report" requirement only, type "Report". If there is no limit or monitoring required for the column, leave it blank. You can also select Statistical Codes from the lists below each limit field, though this is not required.
- 4. If you have entered a limit value for either Load 1 or Load 2 for a parameter, you must select a value for Units in the "Quantity or Loading" column. If you have entered a limit value for either Conc 1, Conc 2 or Conc 3 for a parameter, you must select a value for Units in the "Quality or Concentration" column. If a parameter does not, for example, have a limit value (including "Report") for Load 1 or Load 2, the Units value may remain blank.

- 1. Enter Facility Name, Municipality, County (select from list), Watershed No., Month (select number from list), Year (select from list), Permit No., and Permit Expiration Date (leave blank if not applicable). Also, report all laboratories where samples were analyzed during the month, including on-site analysis.
- 2. The first week of each month begins on a Sunday and the last week of each month ends on a Saturday. The Week column identifies the start of each weekly period for the purpose of computing weekly statistics. The full calendar month is used for calculating monthly statistics. Days and dates are automatically populated following your entry of the numeric Month and Year in Step 1. If the permit does not contain a weekly statistical reporting requirement for a parameter, do not enter data outside of the calendar month. For example, if you must report minimum and maximum pH measurements (but not weekly average), enter data beginning on the first day of the month and ending on the last day of the month. If, for example, you have a weekly average limit for CBOD<sub>5</sub>, and if samples were collected on any date shown on the form that is outside the calendar month, enter the results.

- 3. Parameters (abbreviated), stages (stage code), and units will be displayed in the order selected on the Limits worksheet. The Qualifier ("Q") columns allow you to select the "<" symbol. In addition, the first "Q" column to the right of Flow allows you to select the "<" symbol as well as the ">" symbol. By policy, DEP accepts the use of the ">" symbol only for bacterial results. Therefore, if you have a bacterial parameter in your permit, it is recommended that you select it after Flow in the Limits worksheet.
- 4. On each day in which a sample is collected for analysis, enter the result in the column corresponding to the parameter analyzed. Enter the result exactly as reported by the laboratory or determined by on-site equipment. If the result is reported as a "non-detect" result, enter the laboratory's reporting limit for the result and select the "less than" (<) symbol from the lists in the "Q" columns. For bacteria, if the result is "0", enter "1".
- 5. Statistics are computed at the bottom of the form. If a limit value exists for the statistic, the decimal places of the statistic will match that of the limit. If a limit value does not exist, the statistic will present the maximum number of decimal places from the reported results. Note for maximum weekly average results, week 5 is not included in the results unless week 5 is a full week (7 days).
- **6.** Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

- 1. In the Daily worksheet, the pane has been "frozen" so that pertinent information can be viewed at all times. You can "unfreeze" the panes at any time by clicking on Window Unfreeze Panes (Excel 2003) or select the "View" tab from the "Windows" group, choose "Freeze Panes", and select "Unfreeze Panes" from the pop-up (Excel 2007).
- 2. If your permit contains limits in terms of micrograms, nanograms or picograms per liter (μg/l, ng/l or pg/l), please convert this to mg/l for entry into the Limits worksheet.
- 3. Chesapeake Bay nutrient parameters for Total Monthly Loading statistics (e.g., Total Nitrogen, parameter code 51445) cannot be selected on the Limits worksheet. However, you can select the concentration-based parameter that is equivalent (e.g., Total Nitrogen, parameter code 600), enter flows and concentration values, and Total Monthly Loading statistics will be calculated.
- If you have a requirement to report on the functioning of your ultraviolet disinfection (UV) system (i.e., "UV Functional" parameter), you should select units of "Y/N" in the Limits worksheet and report values of "1" for Yes (UV Functional) and "< 1" for No (UV Not Functional) in the Daily worksheet.

<sup>\*</sup> All attempts have been made in developing this spreadsheet to follow procedures contained in "Discharge Monitoring Reports Overview and Summary" (3800-BK-DEP3047). Please check the Supplemental Forms website for updates to this spreadsheet periodically and contact DEP at 717-787-2137 with questions. If your permit requires that you follow different procedures, you must follow your permit.

(Note - Flow is assumed. If it does not apply, please ignore).

PARAMETER / STAGE		QUA	NTITY OR LOADING	3		QUALITY OR CON	ICENTRATION	
FARAMETER / STAGE		LOAD 1	LOAD 2	UNITS	CONC 1	CONC 2	CONC 3	UNITS
Flow (50050)	LIMIT	Report						
Final Effluent (1)	STATISTICAL CODE	Average Monthly		MGD	****	****	****	****
Fecal Coliform (74055)	LIMIT					200	1000	-
Final Effluent (1)	STATISTICAL CODE					Geometric Mean	Daily Maximum	CFU/100 ml
BOD5 (310)	LIMIT	Report	Report			Report		
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L
Total Suspended Solids (530)	LIMIT	Report	Report			Report		
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L
Dissolved Oxygen (300)	LIMIT				5.0			
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			mg/L
pH (400)	LIMIT				6.0		9.0	-
Final Effluent (1)	STATISTICAL CODE				Daily Minimum		Daily Maximum	S.U.
CBOD5 (80082)	LIMIT	1667	1000			10	15	-
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L
Total Suspended Solids (530)	LIMIT	2000	3000			30	45	-
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L
Total Phosphorus (665)	LIMIT	133				2.0		-
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L
Ammonia-Nitrogen (610)	LIMIT	100				1.5		-
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L
Total Kjeldahl Nitrogen (625)	LIMIT	Report	Report			Report		-
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
Nitrate-Nitrite as N (630)	LIMIT	Report	Report			Report		-
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
Total Nitrogen (600)	LIMIT	Report	Report			Report		-
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
UV Intensity (49607)	LIMIT				Report			-
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			%
	LIMIT							
	STATISTICAL CODE							





Total Monthly (Load):

Daily Minimum (Load):

Daily Maximum (Load):

96.86

2.921

4.217

Watershed:

Laboratories:

#### SUPPLEMENTAL REPORT **DAILY EFFLUENT MONITORING**

Facility Name: **Dover Township STP** Month: Municipality: Conewago Township

on site Dover Township STP Laboratory

County: York

6 (select number) Permit No.: **PA0020826** 

2024 Year: Outfall:

Renewal application due 180 days prior to expiration. This permit will expire on: June 30, 2022

Fecal Coliform BOD5 TSS Dissolved Oxyger CBOD5 NH3-N TKN NO2-N + NO3-N Total Nitrogen **UV Intensity** Flow Week Day Date MGD Q CFU/100 ml Q ma/L Q mg/L Q mg/L Q S.U. Q mg/L Q mg/L Q mg/L Q mg/L Q mg/L Q mg/L Q mg/L Q Q Sat 6/1/24 3.51 220.0 272.0 79 6.79 2.0 2.0 1.872 0.036 0.68 6.58 7.26 99.37 Sun 6/2/24 3.496 7.65 6.83 99.7 Mon 6/3/24 3.16 5.0 210.0 248.0 7.36 6.78 2.0 2.0 1.525 0.041 0.99 47.45 244.0 8.12 6.70 0.970 0.063 0.81 3.22 4.03 99.68 Tue 6/4/24 3.16 269.0 2.0 2.0 1.0 2.87 3.67 Wed 6/5/24 3 604 205.0 244 0 8.02 6 91 < 2.0 2.0 0.772 0.062 0.80 99.7 Thu 6/6/24 3 98 6.0 223.0 280.0 7.95 6.85 2.0 2.0 0.993 0.067 0.98 3.15 4.13 99.74 Fri 6/7/24 3.439 7.94 6.43 99.69 209.0 204.0 7.71 2.0 0.730 0.048 3.46 2.89 99.67 Sat 6/8/24 3.429 7.01 2.0 6.35 6.57 Sun 6/9/24 3.374 7.72 99.68 Mon 6/10/24 3.24 2.0 199.0 220.0 7.57 6.75 2.0 2.0 0.810 0.050 0.92 4 26 5.18 9 94 6/11/24 3.137 3.0 180.0 284.0 7.47 6.93 2.0 2.0 0.600 0.095 1.14 3.82 4.96 99.89 Wed 6/12/24 3.128 253.0 352.0 8.30 6.80 2.0 2.0 0.502 0.056 0.93 3.35 4.28 99.52 3.0 3.158 99.5 Thu 6/13/24 8.04 6.50 0.054 1.30 5.39 236.0 216.0 2.0 0.493 4 09 Fri 6/14/24 3 112 7.66 6.70 2.0 99 54 Sat 6/15/24 3.053 160.0 660.0 7.71 6.73 2.0 2.0 0.543 0.056 1.04 4.20 5.24 99.47 Sun 6/16/24 3.106 7.10 6.69 99.52 4.0 6.77 1.05 5.54 Mon 6/17/24 3.079 259.0 352.0 7.40 2.0 2.0 0.617 0.054 4.49 99.53 Tue 6/18/24 2.972 7.41 6.27 99.47 Wed 6/19/24 3.047 2.0 225.0 280.0 7.39 6.70 2.0 2.0 0.839 0.055 0.98 4.35 5.33 14.64 3.045 6.0 245.0 7.62 6.79 2.0 1.517 0.057 0.98 4.44 5.42 99.12 Thu 6/20/24 372.0 2.0 300.0 7.05 0.98 5.42 Fri 6/21/24 3.025 75.0 6.74 2.0 2.0 1.655 0.056 4.44 99.75 < < Sat 6/22/24 3 112 227.0 364.0 7 04 6.81 2.0 2.0 1.594 0.142 1.04 3.63 4.67 99.68 Sun 6/23/24 3.12 6.85 7.02 99.72 Mon 6/24/24 2.951 285.0 308.0 7.42 6.81 2.0 2.0 0.945 0.083 0.92 2.73 3.65 99.74 2.932 2.0 242.0 448.0 6.93 6.72 2.0 2.0 0.557 0.056 0.84 2.47 3.31 48.93 Tue 6/25/24 2.0 Wed 6/26/24 3 025 6.73 6 22 99 71 Thu 6/27/24 3.087 2.0 233.0 308.0 7.37 6.74 2.0 2.0 0.571 0.091 0.85 3.07 3.92 99.79 Fri 6/28/24 2.921 223.0 288.0 6.91 6.93 2.0 2.0 0.669 0.062 0.88 3.74 4.62 99.62 6/29/24 3.241 280.0 7.31 6.83 2.0 2.0 0.798 0.057 0.80 99.64 Sat 250.0 < 3.86 4.66 6.46 99.71 Sun 6/30/24 4.217 6.76 204 6.73 6.22 0.493 0.036 0.68 2.47 9.94 Daily Minimum (Conc.): 75 3.31 Daily Maximum (Conc) 285 660 8.3 7.02 < 1.872 0.142 3.46 6.58 7.26 99.89 Max Avg Weekly (Conc.) 247 346 7.82 2 2 1.244 0.073 1.41 4.27 5.28 92.45 220 311 7.48 0.9 0.1 1.07 3.81 4.88 90.37 Avg Monthly (Conc.) ٧ Geometric Mean (Conc.) Max Avg Weekly (Load): 3.467 6433 8994 226 58 58 32 45 109 136 Avg Monthly (Load) 3.229 5856 8192 202 ٧ 53 \_ 53 25 29 101 130

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)

245751

5606

16805

6049

168

264

<

<

1595

49

66

<

<

1595

49

66

747

13

55

51

860

20

99

3042

60

193

3897

81

213

Prepared By: Christian L. Jordan License No.: S17213 Title: Superintendent Date: 24-Jul-24

175693

1892

7402

<

This spreadsheet is used for recording daily sample results for effluent (although other stages can be selected), and includes DEP-approved calculations and handling of rounding and significant figures for reporting\*. The calculations are provided for convenience and do not automatically populate into online eDMR reports.

The recommended sequence of data entry is as follows: 1) Enter parameter names, units of measurement, and permit limits into the **Limits** worksheet, and 2) Enter daily monitoring results into the **Daily** worksheet (for each outfall). The statistics for DMR reporting are presented at the bottom of the Daily table. You may then manually enter the statistics results into the eDMR report.

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- 1. Enter Facility Name, Municipality, County (select from list), Watershed No., Month (select number from list), Year (select from list), Permit No., and Permit Expiration Date (leave blank if not applicable). Also, report all laboratories where samples were analyzed during the month, including on-site analysis.
- 2. The first week of each month begins on a Sunday and the last week of each month ends on a Saturday. The Week column identifies the start of each weekly period for the purpose of computing weekly statistics. The full calendar month is used for calculating monthly statistics. Days and dates are automatically populated following your entry of the numeric Month and Year in Step 1. If the permit does not contain a weekly statistical reporting requirement for a parameter, do not enter data outside of the calendar month. For example, if you must report minimum and maximum pH measurements (but not weekly average), enter data beginning on the first day of the month and ending on the last day of the month. If, for example, you have a weekly average limit for CBOD<sub>5</sub>, and if samples were collected on any date shown on the form that is outside the calendar month, enter the results.

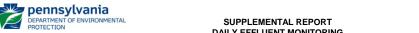
- 3. Parameters (abbreviated), stages (stage code), and units will be displayed in the order selected on the Limits worksheet. The Qualifier ("Q") columns allow you to select the "<" symbol. In addition, the first "Q" column to the right of Flow allows you to select the "<" symbol as well as the ">" symbol. By policy, DEP accepts the use of the ">" symbol only for bacterial results. Therefore, if you have a bacterial parameter in your permit, it is recommended that you select it after Flow in the Limits worksheet.
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- 5. Statistics are computed at the bottom of the form. If a limit value exists for the statistic, the decimal places of the statistic will match that of the limit. If a limit value does not exist, the statistic will present the maximum number of decimal places from the reported results. Note for maximum weekly average results, week 5 is not included in the results unless week 5 is a full week (7 days).
- **6.** Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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- 2. If your permit contains limits in terms of micrograms, nanograms or picograms per liter (μg/l, ng/l or pg/l), please convert this to mg/l for entry into the Limits worksheet.
- 3. Chesapeake Bay nutrient parameters for Total Monthly Loading statistics (e.g., Total Nitrogen, parameter code 51445) cannot be selected on the Limits worksheet. However, you can select the concentration-based parameter that is equivalent (e.g., Total Nitrogen, parameter code 600), enter flows and concentration values, and Total Monthly Loading statistics will be calculated.
- If you have a requirement to report on the functioning of your ultraviolet disinfection (UV) system (i.e., "UV Functional" parameter), you should select units of "Y/N" in the Limits worksheet and report values of "1" for Yes (UV Functional) and "< 1" for No (UV Not Functional) in the Daily worksheet.

<sup>\*</sup> All attempts have been made in developing this spreadsheet to follow procedures contained in "Discharge Monitoring Reports Overview and Summary" (3800-BK-DEP3047). Please check the Supplemental Forms website for updates to this spreadsheet periodically and contact DEP at 717-787-2137 with questions. If your permit requires that you follow different procedures, you must follow your permit.

(Note - Flow is assumed. If it does not apply, please ignore).

PARAMETER / STAGE		QUA	NTITY OR LOADING	3		QUALITY OR CON	ICENTRATION	
FANAIVIETER / STAGE		LOAD 1	LOAD 2	UNITS	CONC 1	CONC 2	CONC 3	UNITS
Flow (50050)	LIMIT	Report						
Final Effluent (1)	STATISTICAL CODE	Average Monthly		MGD	****	****	****	****
Fecal Coliform (74055)	LIMIT					200	1000	
Final Effluent (1)	STATISTICAL CODE					Geometric Mean	Daily Maximum	CFU/100 ml
BOD5 (310)	LIMIT	Report	Report			Report		
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L
Total Suspended Solids (530)	LIMIT	Report	Report	-		Report		-
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L
Dissolved Oxygen (300)	LIMIT				5.0			
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			mg/L
pH (400)	LIMIT				6.0		9.0	
Final Effluent (1)	STATISTICAL CODE				Daily Minimum		Daily Maximum	S.U.
CBOD5 (80082)	LIMIT	1667	1000			10	15	
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L
Total Suspended Solids (530)	LIMIT	2000	3000			30	45	
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L
Total Phosphorus (665)	LIMIT	133				2.0		
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L
Ammonia-Nitrogen (610)	LIMIT	100				1.5		
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L
Total Kjeldahl Nitrogen (625)	LIMIT	Report	Report	-		Report		:
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
Nitrate-Nitrite as N (630)	LIMIT	Report	Report			Report		
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
Total Nitrogen (600)	LIMIT	Report	Report			Report		
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
UV Intensity (49607)	LIMIT				Report			
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			%
	LIMIT							
	STATISTICAL CODE							



Facility Name:

Municipality:

Dover Township STP

Conewago Township

#### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Month: 7 (select number) 2024 Year: Permit No.: PA0020826 Outfall: 001 York

Renewal application due 180 days prior to expiration.
This permit will expire on:

June 30, 2022 Watershed: Laboratories:

on site Dover Township STP Laboratory

	ı	Parameter	Flow	Fe	cal Coliform		BOD5		TSS	Disso	lved Oxygen		рН		CBOD5		TSS	Tota	al Phosphorus		NH3-N		TKN	NO	)2-N + NO3-N	Тс	otal Nitrogen	u	JV Intensity		
		Stage	1		1		RI		RI		1		1		1		1		1		1		1		1		1		1		
Week	Day	Date	MGD	Q	CFU/100 ml	Q	mg/L	Q	mg/L	Q	mg/L	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	%	Q	
										1																				₩	
1	0	6/30/24	4.217							+	0.70		6.46																99.71	+-+	
1	Sun	7/1/24	3.335		2.0		229.0	$\vdash$	188.0	1 1	6.76 7.67	- 1	6.90	<	2.0		2.0		0.564		0.047		0.80		2.94	$\vdash$	3.74	$\vdash$	24.4	+	
	Tue	7/1/24	3.275		7.0		166.0		192.0	1 1	8.39		6.80	~	2.0	<	2.0		0.459		0.047		0.90		2.41		3.31		99.56	+-+	
	Wed	7/3/24	3.277		4.0		183.0		256.0		7.88		6.83	<	2.0	<	2.0		0.566		0.037		0.75		3.13		3.88		99.51		
	Thu	7/4/24	3.193								7.10		6.60		-		-												99.45		
	Fri	7/5/24	3.143				283.0		328.0		7.26		6.92	<	2.0	<	2.0		1.152		0.058		0.81		4.50		5.31		99.46		
	Sat	7/6/24	3.023				261.0		324.0		6.78		6.61	<	2.0	<	2.0		0.875		0.056		0.77		4.83		5.60		99.52		
2	Sun	7/7/24	3.123								6.96		6.57																99.51		
	Mon	7/8/24	3.077				205.0		528.0		7.13		6.88	<	2.0	<	4.0		0.661		0.064		0.82		4.58		5.40		1.1		
	Tue	7/9/24	2.913		6.0		233.0		308.0		7.34		6.68	<	2.0	<	2.0		0.432		0.054		0.90		4.26		5.16		99.71	1	
	Wed	7/10/24	2.919		3.0		203.0		336.0		6.86		6.68	<	2.0	<	2.0		0.393		0.047		0.92		4.52		5.44		99.73	$\vdash$	
	Thu Fri	7/11/24 7/12/24	2.569 2.534		5.0		147.0		256.0	+	7.14 7.28		6.31	<	2.0		2.0		1.978		0.045		0.21		10.52		10.73		99.69 99.57	+-+	
	Sat	7/13/24	2.658			<	86.0	$\vdash$	604.0	1 1	6.69	- 1	6.93	<	2.0	<	2.0		3.355		0.045		0.21		12.39	$\vdash$	12.56	$\vdash$	99.66	+	
3	Sun	7/14/24	2.793			_	80.0		004.0	1 1	6.60		7.15	`	2.0	`	2.0		3.333		0.044	`	0.17		12.55		12.50		99.68	+	
	Mon	7/15/24	2.679								6.78		6.83																52.04		
	Tue	7/16/24	2.615		5.0		292.0		324.0		7.21		6.88	<	2.0	<	2.0		1.602		0.068		0.87		5.34		6.21		99.25		
	Wed	7/17/24	2.825		7.0		309.0		328.0		6.87		6.78	<	2.0	<	2.0		1.101		0.062		1.40		4.86		6.26		99.4		
	Thu	7/18/24	3.166		6.0		218.0		256.0		7.29		6.77	<	2.0		2.0		1.200		0.088		1.03		5.43		6.46		99.46		
	Fri	7/19/24	2.814				208.0		232.0		7.60		6.85	<	2.0	<	2.0		0.892		0.048		0.82		5.48		6.30		99.52		
	Sat	7/20/24	2.812				209.0		256.0		7.12		6.93	<	2.0	<	2.0		1.002		0.027		0.79		5.49		6.28		99.52		
4	Sun	7/21/24	2.85								6.79		6.51																99.51		
	Mon	7/22/24	2.735		6.0		216.0		272.0		7.13		6.78		2.0	<	2.0		1.036		0.045		0.86		5.66		6.52		36.38	1	
	Tue	7/23/24	3.247				278.0		300.0	-	7.11		6.85	<	2.0	<	4.0	_	0.835		0.066		0.51	_	5.37	_	5.88		99.73		
	Wed Thu	7/24/24 7/25/24	2.954 2.899		38.0 38.0		169.0		272.0	+	7.36 7.01		6.72		2.0		2.0		1.842		0.093		0.75		6.79		7.54		99.55 99.72	+-+	
	Fri	7/26/24	2.833		36.0		209.0		376.0	+ +	6.88		6.98	<	2.0	_	2.0		2.168		0.093		0.75		7.45		8.10		99.63	+	
	Sat	7/27/24	2.894				193.0		292.0	1 1	7.13		6.80	<	2.0	<	2.0		1.911		0.062		0.36		6.97		7.33		99.61	+	
5	Sun	7/28/24	2.967				100.0		202.0		6.48		6.86	Ė	2.0	Ì	2.0		1.011		0.002		0.00		0.01		7.00		99.67		
	Mon	7/29/24	2.844		10.0	1 1	234.0		304.0	t	6.64		6.84	<	2.0	<	2.0		1.135		0.071		0.63		6.36		6.99		16.98	Ħ	
	Tue	7/30/24	2.755								6.98		6.35																99.41		
	Wed	7/31/24	2.707		4.0		176.0		356.0		6.81		6.98	<	2.0	<	2.0		0.77		0.093		0.69		5.97		6.66		98.91		
	Thu	8/1/24	2.717		6.0	$oxed{\Box}$	225.0		408.0		6.97		6.82	<	2.0	٧	2.0		0.817		0.069		0.72		6.33		7.05		99.14	Ш	,
	Fri	8/2/24	2.712				209.0		236.0		6.78		6.92	<	2.0	<	2.0	Ш	1.036		0.071		1.15	Ш	6.46		7.531		99.17	$\sqcup \bot$	
Carri	Sat	8/3/24	2.761	Щ			236.0		304.0		6.52		6.91	<	2.0	<	2.0	Щ	1.201		0.078		0.59	Щ	6.61		7.688	Щ	99.33	ᆜ	
Statis	cs for DMR Daily Minim	(0)			2		86		188		6.48		6.31		2		2		0.393		0.027		0.17		2.41		3.31		1.1	_	
	Daily Maxim				38	`	309		604	+ +	8.39		7.15	<	2	<	4		3.355		0.027	<	1.4		12.39		12.56		99.73	+	
	Max Avg We				30	+	247	H	406	+	7.41		1.10	<	2	<	2		1.558	$\vdash$	0.093	$\vdash$	0.98		7.25		7.858		92.7	++	
		thly (Conc.):				<	214		313		7.11			<	2	<	2		1.2		0.070	<	0.75		5.69		6.439		87.7	++	
	Geometric M				7					+																				t	
	Max Avg We	ekly (Load):	3.352				5981		9602		207			<	54	<	60		38		2		23		166		180				
	Avg Mo	nthly (Load):	2.917			<	5256		7606		173			<	49	<	54		28		1	<	18		136		155				
		nthly (Load):	90.428			<	162931		235788		5369			<	1517	<	1666		872		44	٧	561		4229		4799			Ш	,
	Daily Minin		2.534			<	1906		5229		148			<	42	<	42		10		0.6	<	4		66		90			$\sqcup$	
	Daily Maxin	num (Load):	3.335				7528		13550		229			<	56	<	108		74		2		33		275		278			1	

3800-FM-BCW0435 3/2012

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, in his 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 knowling values. See 18 Pa. C.S. 5.8 4904 (telaling to unsworn talsification).

Prepared By: Christian L. Jordan License No.: **\$17213** Title: Superintendent Date: 21-Aug-24

This spreadsheet is used for recording daily sample results for effluent (although other stages can be selected), and includes DEP-approved calculations and handling of rounding and significant figures for reporting\*. The calculations are provided for convenience and do not automatically populate into online eDMR reports.

The recommended sequence of data entry is as follows: 1) Enter parameter names, units of measurement, and permit limits into the **Limits** worksheet, and 2) Enter daily monitoring results into the **Daily** worksheet (for each outfall). The statistics for DMR reporting are presented at the bottom of the Daily table. You may then manually enter the statistics results into the eDMR report.

### **Limits Worksheet**

- 1. Enter the Outfall Number from your permit or eDMR report.
- 2. In the column named "Parameter / Stage", select each parameter and its associated stage (monitoring location) from your permit or eDMR report that corresponds to the selected Outfall. Parameter names include the Parameter Code in parentheses. Common parameters are listed first, and then are listed alphabetically. Up to 30 parameters, including Flow, can be selected per Outfall. Stage names include the Stage Code in parentheses. Codes are shown to help you match your selections with the eDMR data entry screen. In the event a parameter or stage on your eDMR report is not available, please contact DEP at (717) 787-6744. It is assumed that Flow Final Effluent is in your permit. This assumption is necessary for loading calculations, where applicable. If you are not required to measure flow in your permit for the outfall, please ignore it. If you are required to monitor a bacterial parameter (e.g., Fecal Coliform), it is recommended that you select this parameter immediately below "Flow" as explained below (No. 3, Daily Effluent Monitoring Worksheet).
- 3. Paper and electronic DMRs contain five columns or fields for data entry. In the Limits worksheet, the columns are named "Load 1", "Load 2", "Conc 1", "Conc 2", and "Conc 3". Enter permit limit values in the row for "LIMIT" and the appropriate column. If there is a "Monitor & Report" requirement only, type "Report". If there is no limit or monitoring required for the column, leave it blank. You can also select Statistical Codes from the lists below each limit field, though this is not required.
- 4. If you have entered a limit value for either Load 1 or Load 2 for a parameter, you must select a value for Units in the "Quantity or Loading" column. If you have entered a limit value for either Conc 1, Conc 2 or Conc 3 for a parameter, you must select a value for Units in the "Quality or Concentration" column. If a parameter does not, for example, have a limit value (including "Report") for Load 1 or Load 2, the Units value may remain blank.

- 1. Enter Facility Name, Municipality, County (select from list), Watershed No., Month (select number from list), Year (select from list), Permit No., and Permit Expiration Date (leave blank if not applicable). Also, report all laboratories where samples were analyzed during the month, including on-site analysis.
- 2. The first week of each month begins on a Sunday and the last week of each month ends on a Saturday. The Week column identifies the start of each weekly period for the purpose of computing weekly statistics. The full calendar month is used for calculating monthly statistics. Days and dates are automatically populated following your entry of the numeric Month and Year in Step 1. If the permit does not contain a weekly statistical reporting requirement for a parameter, do not enter data outside of the calendar month. For example, if you must report minimum and maximum pH measurements (but not weekly average), enter data beginning on the first day of the month and ending on the last day of the month. If, for example, you have a weekly average limit for CBOD<sub>5</sub>, and if samples were collected on any date shown on the form that is outside the calendar month, enter the results.

- 3. Parameters (abbreviated), stages (stage code), and units will be displayed in the order selected on the Limits worksheet. The Qualifier ("Q") columns allow you to select the "<" symbol. In addition, the first "Q" column to the right of Flow allows you to select the "<" symbol as well as the ">" symbol. By policy, DEP accepts the use of the ">" symbol only for bacterial results. Therefore, if you have a bacterial parameter in your permit, it is recommended that you select it after Flow in the Limits worksheet.
- 4. On each day in which a sample is collected for analysis, enter the result in the column corresponding to the parameter analyzed. Enter the result exactly as reported by the laboratory or determined by on-site equipment. If the result is reported as a "non-detect" result, enter the laboratory's reporting limit for the result and select the "less than" (<) symbol from the lists in the "Q" columns. For bacteria, if the result is "0", enter "1".
- 5. Statistics are computed at the bottom of the form. If a limit value exists for the statistic, the decimal places of the statistic will match that of the limit. If a limit value does not exist, the statistic will present the maximum number of decimal places from the reported results. Note for maximum weekly average results, week 5 is not included in the results unless week 5 is a full week (7 days).
- **6.** Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

- 1. In the Daily worksheet, the pane has been "frozen" so that pertinent information can be viewed at all times. You can "unfreeze" the panes at any time by clicking on Window Unfreeze Panes (Excel 2003) or select the "View" tab from the "Windows" group, choose "Freeze Panes", and select "Unfreeze Panes" from the pop-up (Excel 2007).
- 2. If your permit contains limits in terms of micrograms, nanograms or picograms per liter (μg/l, ng/l or pg/l), please convert this to mg/l for entry into the Limits worksheet.
- 3. Chesapeake Bay nutrient parameters for Total Monthly Loading statistics (e.g., Total Nitrogen, parameter code 51445) cannot be selected on the Limits worksheet. However, you can select the concentration-based parameter that is equivalent (e.g., Total Nitrogen, parameter code 600), enter flows and concentration values, and Total Monthly Loading statistics will be calculated.
- If you have a requirement to report on the functioning of your ultraviolet disinfection (UV) system (i.e., "UV Functional" parameter), you should select units of "Y/N" in the Limits worksheet and report values of "1" for Yes (UV Functional) and "< 1" for No (UV Not Functional) in the Daily worksheet.

<sup>\*</sup> All attempts have been made in developing this spreadsheet to follow procedures contained in "Discharge Monitoring Reports Overview and Summary" (3800-BK-DEP3047). Please check the Supplemental Forms website for updates to this spreadsheet periodically and contact DEP at 717-787-2137 with questions. If your permit requires that you follow different procedures, you must follow your permit.

(Note - Flow is assumed. If it does not apply, please ignore).

PARAMETER / STAGE		QUA	NTITY OR LOADING	3		QUALITY OR CON	ICENTRATION	
FANAIVIETER / STAGE		LOAD 1	LOAD 2	UNITS	CONC 1	CONC 2	CONC 3	UNITS
Flow (50050)	LIMIT	Report						
Final Effluent (1)	STATISTICAL CODE	Average Monthly		MGD	****	****	****	****
Fecal Coliform (74055)	LIMIT					200	1000	
Final Effluent (1)	STATISTICAL CODE					Geometric Mean	Daily Maximum	CFU/100 ml
BOD5 (310)	LIMIT	Report	Report			Report		
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L
Total Suspended Solids (530)	LIMIT	Report	Report	-		Report		-
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L
Dissolved Oxygen (300)	LIMIT				5.0			
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			mg/L
pH (400)	LIMIT				6.0		9.0	
Final Effluent (1)	STATISTICAL CODE				Daily Minimum		Daily Maximum	S.U.
CBOD5 (80082)	LIMIT	1667	1000			10	15	
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L
Total Suspended Solids (530)	LIMIT	2000	3000			30	45	
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L
Total Phosphorus (665)	LIMIT	133				2.0		
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L
Ammonia-Nitrogen (610)	LIMIT	100				1.5		
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L
Total Kjeldahl Nitrogen (625)	LIMIT	Report	Report	-		Report		:
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
Nitrate-Nitrite as N (630)	LIMIT	Report	Report			Report		
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
Total Nitrogen (600)	LIMIT	Report	Report			Report		
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
UV Intensity (49607)	LIMIT				Report			
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			%
	LIMIT							
	STATISTICAL CODE							





Watershed:

#### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Dover Township STP Municipality: Conewago Township

Month: 8 (select number)
Permit No.: PA0020826 York

2024 Year: Outfall: 001

Renewal application due 180 days prior to expiration.
This permit will expire on:

June 30, 2022

Laboratories: on site Dover Township STP Laboratory

	P	arameter	Flow	Fecal Coliform	BOD5	TS	SS	Dissolved Oxygen		рН		CBOD5		TSS	Total Phosphorus		NH3-N		TKN	NC	)2-N + NO3-N	т	otal Nitrogen	U	V Intensity		
		Stage	1	1	RI	R	el .	1		1		1		1	1		1		1		1		1		1		
Week	Day	Date	MGD	Q CFU/100 ml	Q mg/L		mg/L	Q mg/L	Q	S.U.	Q	mg/L	Q	mg/L	Q mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	%	Q	
	Thu	8/1/24	2.717	6.0	225.0		408.0	6.97		6.82	<	2.0	<	2.0	0.817		0.069		0.72		6.33		7.05		99.14		
	Fri	8/2/24	2.712		209.0		236.0	6.78		6.92	<	2.0	<	2.0	1.036		0.071	ļ	1.15		6.46		7.61		99.17		
	Sat	8/3/24	2.761		236.0	3	304.0	6.52		6.91	<	2.0	<	2.0	1.201		0.078		0.59		6.61		7.2		99.33		
1	Sun	8/4/24	3.052					6.59		6.49								ļ							99.37		
	Mon	8/5/24	2.809	10.0	159.0	2	256.0	6.17		6.99	<	2.0		2.0	0.962		0.058		0.67		6.52		7.19		58.07		
	Tue	8/6/24	4.099	7.0	207.0	L.	070.0	7.16		6.56				45.0	4 750		4.007	<u> </u>	0.05		0.00		2.55		99.71		
	Wed	8/7/24	8.852	40.0	287.0		276.0	5.85		6.92		4.0		15.0	1.750		1.887	-	3.65		3.90		7.55		97.99		
	Thu	8/8/24	4.946		80.0		106.0	7.21		6.71	<	2.0		3.0	0.671		0.787	-	1.61		1.70		3.31		99.45		
	Fri Sat	8/9/24 8/10/24	11.66 8.525		114.0 89.0		166.0 92.0	6.34 6.50		6.99 6.78	<	3.0	<	2.0 6.0	0.382 1.991		0.058 1.617	+	0.85 2.78		2.29		3.14 5.49		99.4 99.31		
2	Sun		6.186		89.0		92.0	6.88		6.78		3.0		6.0	1.991		1.617		2.78	-	2./1		5.49				
2	Mon	8/11/24 8/12/24	5.088	10.0	175.0	H .	140.0	6.96		6.84		2.0		2.0	0.198		0.050	1	0.75	$\vdash$	2.63		3.38		13.1 46.11		
	Tue	8/13/24	4.354	8.0	175.0	<del>                                     </del>	140.0	7.38		6.74		2.0	-	2.0	0.196		0.050	1	0.75	$\vdash$	2.03		3.30		99.53		
	Wed	8/14/24	3.912	0.0	112.0		216.0	6.87		6.86	<	2.0	<	2.0	1.314		0.035	1	0.80		4.19		4.99		99.55		
	Thu	8/15/24	3.637	7.0	126.0		176.0	7.34		6.73	<	2.0	-	2.0	1.603	$\vdash$	0.026	<del>                                     </del>	0.61		5.42		6.03		99.58		
	Fri	8/16/24	3.464	7.0	125.0		172.0	7.43		6.73	<	2.0	-	2.0	1.709		0.026		0.61		5.05		5.66		99.56		
	Sat	8/17/24	3.632		98.0		228.0	7.63		6.89	<	2.0	<	2.0	1.501		0.028		0.73		4.88		5.61		99.47		
3	Sun	8/18/24	3.877		-			6.96		6.52								† -							99.48		
	Mon	8/19/24	3.57	6.0	155.0		108.0	7.61		6.47	<	2.0	<	2.0	0.740		0.044	† -	0.87		3.67		4.54		37.79		
	Tue	8/20/24	3.352	4.0	211.0		224.0	7.27		6.60	<	2.0	<	2.0	0.406		0.074	1	0.63		2.87		3.50		99.75		
	Wed	8/21/24	3.211		236.0		204.0	6.89		6.80	<	2.0	<	2.0	0.318		0.053		0.78		3.38		4.16		99.73		
	Thu	8/22/24	3.096	3.0	188.0		248.0	7.19		6.94	<	2.0	<	2.0	0.446		0.048		0.76		4.77		5.53		99.79		
	Fri	8/23/24	2.971					7.48		6.90															99.73		
	Sat	8/24/24	3.083		197.0	2	220.0	6.91		6.88	<	2.0	<	2.0	1.293		0.045		0.45		6.30		6.75		99.81		
4	Sun	8/25/24	3.142					7.04		6.95															99.79		
	Mon	8/26/24	2.803	115.0	287.0	2	284.0	7.36		6.98	<	2.0	<	2.0	1.076		0.056		0.66		5.60		6.26		24.79		
	Tue	8/27/24	2.756	8.0	227.0	2	240.0	7.23		6.74	<	2.0	<	2.0	0.562		0.062		0.67		4.41		5.08		99.28		
	Wed	8/28/24	2.797	6.0				7.25		6.54															56.55		
	Thu	8/29/24	2.797		287.0		248.0	6.82		6.83		3.0	<	2.0	0.728		0.032		0.54		5.99		6.53		99.62		
	Fri	8/30/24	2.813		271.0		272.0	7.14		6.88	<	2.0	<	2.0	0.990		0.030		0.51		6.46		6.97		99.6		
	Sat	8/31/24	2.778		150.0	3	368.0	6.81		7.15	<	2.0	<	2.0	1.151	<	0.016		0.40		6.81		7.21		99.61		
5					1 1																						
					$\perp$															Ш							
					+											$\perp$		1		ш				$\sqcup$			
					+ +											1		-		$\vdash$							
											$\vdash$							1									
Statistic	cs for DMR										Щ		Щ			щ				щ		<u> </u>		Щ			
		m (Cono.):		3	80		92	5.85		6.47	<	2	1 , 1	2	0,198		0.016		0.4		1.7		3,14		13,1		
	Daily Minimu Daily Maximi	. ,		115	287		408	7.63		7.15	`	4	<	15	1.991	<	1.887	+	3.65		6.81	-	7.61		99.81		
,	Jaliy Maximi Jax Avg Wee			110	244		282	7.63		7.15	<	3	<	6	1.991	$\vdash$	0.881	+	1.91		5.85	-	6.41		93.33		
	Avg Mont				185		226	6.99			~	2	<	3	1.0	<	0.001	+	0.95	$\vdash$	4.74		5.68	$\vdash$	87.84		
	Geometric Me			9	1 100			0.55							1.0	H	V.E	<del>                                     </del>	0.55		7.77		5.00		07.04		
	Max Avg We		6.278		9125	1	10686	338			<	166	<	380	72		59	1	91		185	l -	312				
		thly (Load):	4.047		5982		7177	232			<	79	<	125	35	<	14	t	32		144	l	186				
	Total Mon		125.452		185429		22476	7202			<	2461	<	3868	1097	<	426	1	979		4476		5776				
	Daily Minim	um (Load):	2.712		2969		3216	145			<	45	<	45	8	<	0.4	t	9		70		98				
	Daily Maxim		11.66		21188	2	20376	617				295		1107	142		139	i –	198		288	İ	557				

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, in his 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 knowling values. See 18 Pa. C.S. 5.8 4904 (telating to unsworn talsification).

Prepared By: Christian L. Jordan License No.: **\$17213** Title: Superintendent Date: 19-Sep-24

This spreadsheet is used for recording daily sample results for effluent (although other stages can be selected), and includes DEP-approved calculations and handling of rounding and significant figures for reporting\*. The calculations are provided for convenience and do not automatically populate into online eDMR reports.

The recommended sequence of data entry is as follows: 1) Enter parameter names, units of measurement, and permit limits into the **Limits** worksheet, and 2) Enter daily monitoring results into the **Daily** worksheet (for each outfall). The statistics for DMR reporting are presented at the bottom of the Daily table. You may then manually enter the statistics results into the eDMR report.

### **Limits Worksheet**

- 1. Enter the Outfall Number from your permit or eDMR report.
- 2. In the column named "Parameter / Stage", select each parameter and its associated stage (monitoring location) from your permit or eDMR report that corresponds to the selected Outfall. Parameter names include the Parameter Code in parentheses. Common parameters are listed first, and then are listed alphabetically. Up to 30 parameters, including Flow, can be selected per Outfall. Stage names include the Stage Code in parentheses. Codes are shown to help you match your selections with the eDMR data entry screen. In the event a parameter or stage on your eDMR report is not available, please contact DEP at (717) 787-6744. It is assumed that Flow Final Effluent is in your permit. This assumption is necessary for loading calculations, where applicable. If you are not required to measure flow in your permit for the outfall, please ignore it. If you are required to monitor a bacterial parameter (e.g., Fecal Coliform), it is recommended that you select this parameter immediately below "Flow" as explained below (No. 3, Daily Effluent Monitoring Worksheet).
- 3. Paper and electronic DMRs contain five columns or fields for data entry. In the Limits worksheet, the columns are named "Load 1", "Load 2", "Conc 1", "Conc 2", and "Conc 3". Enter permit limit values in the row for "LIMIT" and the appropriate column. If there is a "Monitor & Report" requirement only, type "Report". If there is no limit or monitoring required for the column, leave it blank. You can also select Statistical Codes from the lists below each limit field, though this is not required.
- 4. If you have entered a limit value for either Load 1 or Load 2 for a parameter, you must select a value for Units in the "Quantity or Loading" column. If you have entered a limit value for either Conc 1, Conc 2 or Conc 3 for a parameter, you must select a value for Units in the "Quality or Concentration" column. If a parameter does not, for example, have a limit value (including "Report") for Load 1 or Load 2, the Units value may remain blank.

- 1. Enter Facility Name, Municipality, County (select from list), Watershed No., Month (select number from list), Year (select from list), Permit No., and Permit Expiration Date (leave blank if not applicable). Also, report all laboratories where samples were analyzed during the month, including on-site analysis.
- 2. The first week of each month begins on a Sunday and the last week of each month ends on a Saturday. The Week column identifies the start of each weekly period for the purpose of computing weekly statistics. The full calendar month is used for calculating monthly statistics. Days and dates are automatically populated following your entry of the numeric Month and Year in Step 1. If the permit does not contain a weekly statistical reporting requirement for a parameter, do not enter data outside of the calendar month. For example, if you must report minimum and maximum pH measurements (but not weekly average), enter data beginning on the first day of the month and ending on the last day of the month. If, for example, you have a weekly average limit for CBOD<sub>5</sub>, and if samples were collected on any date shown on the form that is outside the calendar month, enter the results.

- 3. Parameters (abbreviated), stages (stage code), and units will be displayed in the order selected on the Limits worksheet. The Qualifier ("Q") columns allow you to select the "<" symbol. In addition, the first "Q" column to the right of Flow allows you to select the "<" symbol as well as the ">" symbol. By policy, DEP accepts the use of the ">" symbol only for bacterial results. Therefore, if you have a bacterial parameter in your permit, it is recommended that you select it after Flow in the Limits worksheet.
- 4. On each day in which a sample is collected for analysis, enter the result in the column corresponding to the parameter analyzed. Enter the result exactly as reported by the laboratory or determined by on-site equipment. If the result is reported as a "non-detect" result, enter the laboratory's reporting limit for the result and select the "less than" (<) symbol from the lists in the "Q" columns. For bacteria, if the result is "0", enter "1".
- 5. Statistics are computed at the bottom of the form. If a limit value exists for the statistic, the decimal places of the statistic will match that of the limit. If a limit value does not exist, the statistic will present the maximum number of decimal places from the reported results. Note for maximum weekly average results, week 5 is not included in the results unless week 5 is a full week (7 days).
- **6.** Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

- 1. In the Daily worksheet, the pane has been "frozen" so that pertinent information can be viewed at all times. You can "unfreeze" the panes at any time by clicking on Window Unfreeze Panes (Excel 2003) or select the "View" tab from the "Windows" group, choose "Freeze Panes", and select "Unfreeze Panes" from the pop-up (Excel 2007).
- 2. If your permit contains limits in terms of micrograms, nanograms or picograms per liter (μg/l, ng/l or pg/l), please convert this to mg/l for entry into the Limits worksheet.
- 3. Chesapeake Bay nutrient parameters for Total Monthly Loading statistics (e.g., Total Nitrogen, parameter code 51445) cannot be selected on the Limits worksheet. However, you can select the concentration-based parameter that is equivalent (e.g., Total Nitrogen, parameter code 600), enter flows and concentration values, and Total Monthly Loading statistics will be calculated.
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<sup>\*</sup> All attempts have been made in developing this spreadsheet to follow procedures contained in "Discharge Monitoring Reports Overview and Summary" (3800-BK-DEP3047). Please check the Supplemental Forms website for updates to this spreadsheet periodically and contact DEP at 717-787-2137 with questions. If your permit requires that you follow different procedures, you must follow your permit.

(Note - Flow is assumed. If it does not apply, please ignore).

PARAMETER / STAGE		QUA	NTITY OR LOADING	3		QUALITY OR CON	ICENTRATION	
FANAIVIETER / STAGE		LOAD 1	LOAD 2	UNITS	CONC 1	CONC 2	CONC 3	UNITS
Flow (50050)	LIMIT	Report						
Final Effluent (1)	STATISTICAL CODE	Average Monthly		MGD	****	****	****	****
Fecal Coliform (74055)	LIMIT					200	1000	
Final Effluent (1)	STATISTICAL CODE					Geometric Mean	Daily Maximum	CFU/100 ml
BOD5 (310)	LIMIT	Report	Report			Report		
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L
Total Suspended Solids (530)	LIMIT	Report	Report	-		Report		-
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L
Dissolved Oxygen (300)	LIMIT				5.0			
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			mg/L
pH (400)	LIMIT				6.0		9.0	
Final Effluent (1)	STATISTICAL CODE				Daily Minimum		Daily Maximum	S.U.
CBOD5 (80082)	LIMIT	1667	1000			10	15	
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L
Total Suspended Solids (530)	LIMIT	2000	3000			30	45	
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L
Total Phosphorus (665)	LIMIT	133				2.0		
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L
Ammonia-Nitrogen (610)	LIMIT	100				1.5		
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L
Total Kjeldahl Nitrogen (625)	LIMIT	Report	Report	-		Report		:
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
Nitrate-Nitrite as N (630)	LIMIT	Report	Report			Report		
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
Total Nitrogen (600)	LIMIT	Report	Report			Report		
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
UV Intensity (49607)	LIMIT				Report			
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			%
	LIMIT							
	STATISTICAL CODE							





Laboratories:

## SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

 Facility Name:
 Dover Township STP
 Month:

 Municipality:
 Conewago Township
 County:
 York
 Permit I

 Watershed:
 7-F
 Renewa

on site Dover Township STP Laboratory

Month: 9 (select number)
Permit No.: PA0020826

Year: 2
Outfall: 0

2024 001

Renewal application due <u>180 days</u> prior to expiration. This permit will expire on: June 30, 2022

		Parameter	Flow	Fecal	I Coliform	E	BOD5		TSS	Dissol	ved Oxygen		рН		CBOD5		TSS	Tot	al Phosphorus		NH3-N		TKN	NC	02-N + NO3-N	Tc	otal Nitrogen	U	IV Intensity		
		Stage	1		1		RI	L.,	RI		1		1	<u> </u>	1		1		1		1		1	L_	1	ᄂ	1		1		
Week	Day	Date	MGD	Q	CFU/100 ml	Q	mg/L	Q	mg/L	Q	mg/L	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	%	Q	
				-														+								+				-	
										<del>                                     </del>																+					
1	Sun	9/1/24	2.835								6.87		6.89					1								H			99.63		
	Mon	9/2/24	2.928				198.0		476.0		6.69		7.06	<	2.0	<	2.0		1.217		0.026		0.49	1	7.22	$\vdash$	7.71		7.28	-	
	Tue	9/3/24	2.728		9.0		172.0		368.0		6.88		6.95	<	2.0	<	2.0		1.034		0.029		0.68		5.90	T	6.58		32.39		
	Wed	9/4/24	2.656		7.0		-				7.40		6.45													T			99.7		
	Thu	9/5/24	2.647		3.0		162.0		296.0		7.64		6.74	<	2.0	<	2.0		0.685		0.037		0.80		5.77	$\Box$	6.57		99.7		
	Fri	9/6/24	2.597				161.0		296.0		7.26		6.92	<	2.0	<	2.0		1.125		0.023		0.40		6.89	$\Box$	7.29		99.66		
	Sat	9/7/24	2.82				248.0		296.0		7.47		6.86	<	2.0	<	2.0		1.620		0.024		0.39		7.16	$\Box$	7.55		99.61		
2	Sun	9/8/24	2.974								7.40		7.11																99.69		
	Mon	9/9/24	2.732		4.0		186.0		248.0		7.45		6.82	<	2.0	<	2.0		1.699		0.035		2.79		5.37		8.16		35.5		
	Tue	9/10/24	2.711				210.0		236.0		7.04		6.92	<	2.0	<	2.0		1.030		0.077		0.81		3.93		4.74		99.3		
	Wed	9/11/24	2.644		8.0		270.0		252.0		7.11		6.68	<	2.0	<	2.0		0.808		0.062		0.76		4.27		5.03		99.29		
	Thu	9/12/24	2.583		7.0		269.0		352.0		7.38		6.74	<	2.0	<	2.0		0.871		0.063		0.93		4.68		5.61		99.37		
	Fri	9/13/24	2.546								7.34		6.69						`							$\Box$			99.4		·
	Sat	9/14/24	2.638				249.0		308.0		6.21		7.07	<	2.0	<	2.0		1.023		0.069		0.81		5.52		6.33		99.16		
3	Sun	9/15/24	2.764								6.62		6.94													<u> </u>			99.32		
	Mon	9/16/24	2.574		6.0		354.0		336.0		6.72		6.70	<	2.0		2.0		1.021		0.082		0.77		6.06		6.83		20.11		
	Tue	9/17/24	2.544				228.0		248.0		6.94		6.82	<	2.0	<	2.0		0.700		0.068		0.77		5.17	ш	5.94		99.52		
	Wed	9/18/24	2.563		8.0						7.23		6.63													ш			99.65		
	Thu	9/19/24	2.42		6.0		264.0		312.0		7.04		6.82	<u> </u>	2.0	<	2.0		0.971		0.088		0.71		5.97	$\perp \perp$	6.68		99.61		
	Fri	9/20/24	2.401				311.0		260.0		6.81		6.72	<	2.0	<	2.0		0.880		0.081		0.77		5.81	$\perp \perp$	6.58		99.6		
	Sat	9/21/24	2.46				250.0		352.0		6.78		6.89	<	2.0	<	2.0		0.560		0.072		0.87		4.33	$\perp \perp$	5.20		99.65		
4	Sun	9/22/24	2.645				100.0		0400		7.05		6.63	1				+	0.500							+			99.61		
	Mon	9/23/24	2.644		5.0		162.0		216.0		7.05		6.99	1	6.0	<	2.0	+	0.593		0.090		0.97		4.04	+	5.01		11.54		
	Tue	9/24/24	2.851	-	12.0		200.0		000.0		7.31		6.42		0.0		0.0	-	0.440		0.004		0.00	-	4.40	+	5.00		99.89	-	
	Wed	9/25/24	2.627		4.0		222.0 251.0		232.0 324.0		7.46		6.85	<	2.0	<	2.0		0.410 0.695		0.064		0.82		4.48	$\vdash$	5.30 6.04		99.72 99.54		
	Thu Fri	9/26/24 9/27/24	3.015 2.857				155.0		232.0		7.17 6.92		6.91	<	2.0	<	2.0		0.695		0.052		0.78		5.26 6.90	$\vdash$	7.38		99.54		
	Sat	9/28/24	2.926	-			170.0		208.0		7.29		6.79		2.0	-	2.0	+	1.181		0.044		0.40	-	6.75	₩	7.36		99.39	-	
5	Sun	9/29/24	3.023	-			170.0		200.0		7.03		6.61	`	2.0	`	2.0	+	1.101		0.041		0.40	-	6.75	₩	7.15		99.61	-	
,	Mon	9/30/24	3.972		20.0	<	86.0		344.0		6.82		6.79	<	2.0	<	2.0	1	1.29		0.034		0.67		6.34	+	7.01		9.61		
	IVIOII	3/30/24	0.512	$\vdash$	20.0	<b> </b>	00.0		544.0	$\vdash$	0.02		0.73	È	2.0	È	2.0	1	1.23		0.004		0.07		0.04	+	7.01		3.01		
				$\vdash$		<del>     </del>				$\vdash$				1				1								+					
								$\vdash$			-			t				1								$\vdash$					-
								$\vdash$			-			t				1								$\vdash$					-
														t —				1			1					$\vdash$	1				
Statisti	cs for DMR							_	<u></u>										<u> </u>												
	Daily Minim	um (Conc.):			3	<	86		208		6.21		6.42	<	2	<	2		0.41		0.023		0.39		3.93	$\Box$	4.74		7.28		
	Daily Maxin				20		354		476		7.64		7.11		6		2		1.699		0.09		2.79		7.22	$\Box$	8.16		99.89		
	Max Avg We						281		346		7.18			<	3	<	2		1.136		0.078		1.22		6.59	$\Box$	7.14		90.24		
	Avg Mon	thly (Conc.):				<	218		295		7.08			<	2	<	2		1.0		0.1		0.8		5.61		6.41		83.51		
	Geometric M				7						İ																				
	Max Avg W	eekly (Load):	2.795				5824		7981		167			<	65	<	47		26		2		30		151		164				
	Avg Mo	nthly (Load):	2.744			<	4877		6762		162			<	50	<	46		22		1		18		129		147				
		nthly (Load):	82.325			<	146310		202854		4859			<	1495	<	1369		674		37		546		3868	$oxed{oxed}'$	4414				
	Daily Minir		2.401			<	2849		4763		136			<	40	<	40		9		0.5		9		89	<u> </u>	107				
	Daily Maxir	num (Load):	3.972		-		7599	1 Т	11624	1 1	226	T		1 _	132	۸	66	1 -	43		2	1 7	64		210	1 7	232	1 7		Т	

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 the possibility of the read impressment for knowing volutions. See 18 Pa. C. S. S. 69 149 (testing) to unswort lastication).

 Prepared By:
 Christian L. Jordan
 License No.:
 \$17213

 Title:
 Superintendent
 Date:
 25-0ct-24

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### **Limits Worksheet**

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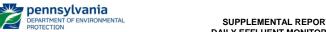
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- 3. Chesapeake Bay nutrient parameters for Total Monthly Loading statistics (e.g., Total Nitrogen, parameter code 51445) cannot be selected on the Limits worksheet. However, you can select the concentration-based parameter that is equivalent (e.g., Total Nitrogen, parameter code 600), enter flows and concentration values, and Total Monthly Loading statistics will be calculated.
- If you have a requirement to report on the functioning of your ultraviolet disinfection (UV) system (i.e., "UV Functional" parameter), you should select units of "Y/N" in the Limits worksheet and report values of "1" for Yes (UV Functional) and "< 1" for No (UV Not Functional) in the Daily worksheet.

<sup>\*</sup> All attempts have been made in developing this spreadsheet to follow procedures contained in "Discharge Monitoring Reports Overview and Summary" (3800-BK-DEP3047). Please check the Supplemental Forms website for updates to this spreadsheet periodically and contact DEP at 717-787-2137 with questions. If your permit requires that you follow different procedures, you must follow your permit.

(Note - Flow is assumed. If it does not apply, please ignore).

PARAMETER / STAGE		QUA	NTITY OR LOADING	3		QUALITY OR CON	ICENTRATION	
FARAMETER / STAGE		LOAD 1	LOAD 2	UNITS	CONC 1	CONC 2	CONC 3	UNITS
Flow (50050)	LIMIT	Report						
Final Effluent (1)	STATISTICAL CODE	Average Monthly		MGD	****	****	****	****
Fecal Coliform (74055)	LIMIT					200	1000	-
Final Effluent (1)	STATISTICAL CODE					Geometric Mean	Daily Maximum	CFU/100 ml
BOD5 (310)	LIMIT	Report	Report			Report		
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L
Total Suspended Solids (530)	LIMIT	Report	Report			Report		
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L
Dissolved Oxygen (300)	LIMIT				5.0			
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			mg/L
pH (400)	LIMIT				6.0		9.0	-
Final Effluent (1)	STATISTICAL CODE				Daily Minimum		Daily Maximum	S.U.
CBOD5 (80082)	LIMIT	1667	1000			10	15	-
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L
Total Suspended Solids (530)	LIMIT	2000	3000			30	45	-
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L
Total Phosphorus (665)	LIMIT	133				2.0		-
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L
Ammonia-Nitrogen (610)	LIMIT	100				1.5		-
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L
Total Kjeldahl Nitrogen (625)	LIMIT	Report	Report			Report		-
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
Nitrate-Nitrite as N (630)	LIMIT	Report	Report			Report		-
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
Total Nitrogen (600)	LIMIT	Report	Report			Report		-
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L
UV Intensity (49607)	LIMIT				Report			-
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			%
	LIMIT							
	STATISTICAL CODE							



### SUPPLEMENTAL REPORT

DAILY EFFLUENT MONITORING

Facility Name: Dover Township STP Municipality: Conewago Township York Watershed:

on site Dover Township STP Laboratory

Laboratories:

Month: 10 (select number) Permit No.: **PA0020826** 

Year: Outfall:

2024 001

3800-FM-BCW0435 3/2012

Renewal application due 180 days prior to expiration.
This permit will expire on:

June 30, 2022

	ı	Parameter	Flow	Fecal Colifor	m	BOD5		TSS	Dissol	lved Oxygen		рН		CBOD5		TSS		Total Phosphorus		NH3-N		TKN	NC	02-N + NO3-N	To	otal Nitrogen	U	IV Intensity		
		Stage	1	1		RI		RI		1		1		1		1		1		1		1		1		1	i	1		
Week	Day	Date	MGD	Q CFU/100	ml Q	Q mg/L	Q	mg/L	Q	mg/L	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	%	ď	
																											ш			<del></del>
-									-				-				-										$\vdash$			<del></del>
1	Sun	9/29/24	3.023							7.03		6.61					-										$\vdash$	99.61		<del></del>
'	Mon	9/30/24	3.972	20.0		86.0		344.0		6.82		6.79		2.0	_	2.0		1.290		0.034		0.67		6.34		7.01	$\vdash$	9.61		<b></b>
	Tue	10/1/24	3.901	20.0		134.0		144.0		7.19		6.77	<	2.0	<	2.0		0.612		0.023		0.58		5.41		5.99	$\vdash$	99.66		
	Wed	10/2/24	3.399	2.0		101.0				7.18		6.52	Ė	2.0	ì	2.0		0.012		0.020		0.00		0.11		0.00		99.72		
	Thu	10/3/24	3.098	4.0		169.0		180.0		6.96		6.81	<	2.0	<	2.0		1.140		0.018		0.77		5.49		6.26		99.69		ĺ
	Fri	10/4/24	3.017			167.0		176.0		7.28		6.83	<	2.0		3.0		1.336		0.020		0.57		6.06		6.63		99.69		
	Sat	10/5/24	3.074			241.0		208.0		6.83		6.93	<	2.0	<	2.0		1.523		0.018		0.32		7.85		8.17		99.72		i
2	Sun	10/6/24	3.077							6.49		6.72																99.72		
	Mon	10/7/24	2.777	4.0		152.0		240.0		7.27		6.78	<	2.0	<	2.0		1.313		0.050		0.66		7.28		7.94		17.08		
	Tue	10/8/24	2.62	7.0						7.33		6.43															ш	100.0		l
	Wed	10/9/24	2.517	6.0		281.0		252.0		7.32		6.73	<	2.0	<	2.0		0.575		0.055		1.01		5.01		6.02	ш	100.0		<b></b>
	Thu	10/10/24	2.518			255.0	Ш	316.0	$\vdash$	7.67		6.79	<	2.0	<	2.0	+	0.478		0.050		0.90		4.83		5.73	$\boldsymbol{\longmapsto}$	100.0		<b></b>
	Fri	10/11/24	2.492 2.584			240.0		324.0		7.46		6.94	<	2.0	<	2.0		0.632		0.034		0.82		4.91		5.73	$\vdash$	100.0		<b></b>
3	Sat Sun	10/12/24	2.584			242.0		248.0	-	7.43 7.20	-	7.02 7.09	<	2.0	<	2.0		0.764		0.051		0.77	$\vdash$	5.50		6.27	$\vdash$	99.58 99.13		<del></del>
3	Mon	10/13/24	2.602	5.0					-	7.27		6.74	-				-										$\vdash$	34.71		1
	Tue	10/14/24	2.404	3.0		235.0		252.0		7.83		6.86	<	2.0	_	2.0		0.956		0.057		0.94		4.49		5.43	$\vdash$	100.0		l
	Wed	10/16/24	2.438	5.0		350.0		328.0		7.43		6.85	<	2.0	-	2.0		0.746		0.085		0.85		3.35		4.20	$\vdash$	100.0		l
	Thu	10/17/24	2.467	2.0		229.0		448.0		7.56		6.82	-	2.0	<	2.0		0.850		0.034		0.82		4.12		4.94	$\vdash$	100.0		ſ
	Fri	10/18/24	2.399			267.0		300.0		7.59	- 1	6.92	<	2.0	<	2.0		1.443		0.038		0.76		5.62		6.38		100.0		
	Sat	10/19/24	2.571			229.0		248.0		7.30		6.90	<	2.0	<	2.0		2.008		0.074		1.20		5.38		6.58		99.71		ĺ
4	Sun	10/20/24	2.741							7.51		6.50																99.89		
	Mon	10/21/24	2.593	5.0		247.0		220.0		7.74		6.86	<	2.0	<	2.0		2.251		0.053		0.89		5.38		6.27		35.87		i
	Tue	10/22/24	2.512	1.0		191.0		264.0		7.39		6.89	٧	2.0	<	2.0		1.636		0.030		0.92		4.29		5.21		99.5		
	Wed	10/23/24	2.254	1.0		351.0		304.0		7.79		6.79	<	2.0	<	2.0		1.100		0.030		0.97		3.82		4.79	ш	99.46		
	Thu	10/24/24	2.427							7.01		6.50															ш	99.5		<b></b>
	Fri	10/25/24	2.499			221.0		296.0		7.57		6.70	<	2.0	<	2.0		0.870		0.059		0.88		3.66		4.54	ш	99.95		<del> </del>
-	Sat	10/26/24	2.511			294.0		600.0		7.16		6.97	<	2.0	<	2.0		0.902		0.024		0.77		4.32		5.09	ш	100.0		<del>                                     </del>
5	Sun	10/27/24 10/28/24	2.684	2.0		213.0	$\vdash$	220.0	$\vdash$	7.64 7.15		6.86	L.	2.0		2.0	++	1.044		0.035		0.93		4.47		5.4	$\vdash$	100.0 12.78	-	<b></b>
	Tue	10/28/24	2.559	3.0		268.0		328.0		7.15		7.06	<	2.0	<	2.0		0.701		0.035		0.93		3.88		4.7	$\vdash$	66.92		l
	Wed	10/29/24	2.409	2.0		320.0	H	284.0	<del>     </del>	8.12		6.75	۷	2.0	<	2.0	+	0.629		0.047		0.62		4.2		4.92	$\vdash$	99.71	-	1
	Thu	10/31/24	2.548	2.0		231.0		256.0		7.51		6.75	-	2.0	~	2.0		0.822		0.024		0.75		4.29		5.04	$\vdash$	5.65		ſ
	Fri	11/1/24	2.486			201.0				7.36		6.27		0		0	+			3.321		2.70		20		2.01	$\Box$	99.35		
	Sat	11/2/24	2.514			174.0		272.0		7.01		6.78	<	2.0	<	2.0	T	0.914		0.038		0.72		5.11		6.148	$\Box$	99.43		
Statisti	cs for DMR																													
	Daily Minim	um (Conc.):		1		134		144		6.49		6.43	<	2	<	2		0.478		0.018		0.32		3.35		4.2		5.65		
	Daily Maxim			7		351		600		8.12		7.09	<	2		3		2.251		0.085		1.2		7.85		8.17		100		
	Max Avg Wee					262		337		7.47			٧	2	٧	2		1.352		0.058		0.91		6.23		6.812	Ш	90.6		
		thly (Conc.):				240	Ш	280		7.38			<	2	<	2		1.1		0.04		0.81		4.94		5.749	ш	86.05		<b></b>
	Geometric Me		2.055	3		5050		6047		407												40		470		400	ш		<u> </u>	<b></b>
	Max Avg We		3.355			5358		6947	$\vdash$	197			<	57	<	62	+	33		1		19	<b>—</b>	176		193	$\vdash$		<b>.</b>	l
		nthly (Load): nthly (Load):	2.676 82.963	<b> </b>		5185 160729	H	6022 186672	$\vdash$	164 5090			<	44 1365	<	45 1399	+	23 722		0.9 27		18 543		110 3419		128 3963	$\vdash$		-	<del></del>
	Daily Minin		2.254		_	3520		4428	$\vdash$	142			<	38	<	1399	+	10		0.5		543 8	H	3419 68		3963 85	$\vdash$		-	l
			2.207			3320		7720	1 1	174					_					0.0								i e		

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 the possibility of the control for knowing volume. See 18 Pa. C. S. S. 69 14 (Relating to unswort latification).

Prepared By: Christian L. Jordan License No.: **\$17213** Title: Superintendent Date: 21-Nov-24

This spreadsheet is used for recording daily sample results for effluent (although other stages can be selected), and includes DEP-approved calculations and handling of rounding and significant figures for reporting\*. The calculations are provided for convenience and do not automatically populate into online eDMR reports.

The recommended sequence of data entry is as follows: 1) Enter parameter names, units of measurement, and permit limits into the **Limits** worksheet, and 2) Enter daily monitoring results into the **Daily** worksheet (for each outfall). The statistics for DMR reporting are presented at the bottom of the Daily table. You may then manually enter the statistics results into the eDMR report.

### **Limits Worksheet**

- 1. Enter the Outfall Number from your permit or eDMR report.
- 2. In the column named "Parameter / Stage", select each parameter and its associated stage (monitoring location) from your permit or eDMR report that corresponds to the selected Outfall. Parameter names include the Parameter Code in parentheses. Common parameters are listed first, and then are listed alphabetically. Up to 30 parameters, including Flow, can be selected per Outfall. Stage names include the Stage Code in parentheses. Codes are shown to help you match your selections with the eDMR data entry screen. In the event a parameter or stage on your eDMR report is not available, please contact DEP at (717) 787-6744. It is assumed that Flow Final Effluent is in your permit. This assumption is necessary for loading calculations, where applicable. If you are not required to measure flow in your permit for the outfall, please ignore it. If you are required to monitor a bacterial parameter (e.g., Fecal Coliform), it is recommended that you select this parameter immediately below "Flow" as explained below (No. 3, Daily Effluent Monitoring Worksheet).
- 3. Paper and electronic DMRs contain five columns or fields for data entry. In the Limits worksheet, the columns are named "Load 1", "Load 2", "Conc 1", "Conc 2", and "Conc 3". Enter permit limit values in the row for "LIMIT" and the appropriate column. If there is a "Monitor & Report" requirement only, type "Report". If there is no limit or monitoring required for the column, leave it blank. You can also select Statistical Codes from the lists below each limit field, though this is not required.
- 4. If you have entered a limit value for either Load 1 or Load 2 for a parameter, you must select a value for Units in the "Quantity or Loading" column. If you have entered a limit value for either Conc 1, Conc 2 or Conc 3 for a parameter, you must select a value for Units in the "Quality or Concentration" column. If a parameter does not, for example, have a limit value (including "Report") for Load 1 or Load 2, the Units value may remain blank.

- 1. Enter Facility Name, Municipality, County (select from list), Watershed No., Month (select number from list), Year (select from list), Permit No., and Permit Expiration Date (leave blank if not applicable). Also, report all laboratories where samples were analyzed during the month, including on-site analysis.
- 2. The first week of each month begins on a Sunday and the last week of each month ends on a Saturday. The Week column identifies the start of each weekly period for the purpose of computing weekly statistics. The full calendar month is used for calculating monthly statistics. Days and dates are automatically populated following your entry of the numeric Month and Year in Step 1. If the permit does not contain a weekly statistical reporting requirement for a parameter, do not enter data outside of the calendar month. For example, if you must report minimum and maximum pH measurements (but not weekly average), enter data beginning on the first day of the month and ending on the last day of the month. If, for example, you have a weekly average limit for CBOD<sub>5</sub>, and if samples were collected on any date shown on the form that is outside the calendar month, enter the results.

- 3. Parameters (abbreviated), stages (stage code), and units will be displayed in the order selected on the Limits worksheet. The Qualifier ("Q") columns allow you to select the "<" symbol. In addition, the first "Q" column to the right of Flow allows you to select the "<" symbol as well as the ">" symbol. By policy, DEP accepts the use of the ">" symbol only for bacterial results. Therefore, if you have a bacterial parameter in your permit, it is recommended that you select it after Flow in the Limits worksheet.
- 4. On each day in which a sample is collected for analysis, enter the result in the column corresponding to the parameter analyzed. Enter the result exactly as reported by the laboratory or determined by on-site equipment. If the result is reported as a "non-detect" result, enter the laboratory's reporting limit for the result and select the "less than" (<) symbol from the lists in the "Q" columns. For bacteria, if the result is "0", enter "1".
- 5. Statistics are computed at the bottom of the form. If a limit value exists for the statistic, the decimal places of the statistic will match that of the limit. If a limit value does not exist, the statistic will present the maximum number of decimal places from the reported results. Note for maximum weekly average results, week 5 is not included in the results unless week 5 is a full week (7 days).
- **6.** Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

- 1. In the Daily worksheet, the pane has been "frozen" so that pertinent information can be viewed at all times. You can "unfreeze" the panes at any time by clicking on Window Unfreeze Panes (Excel 2003) or select the "View" tab from the "Windows" group, choose "Freeze Panes", and select "Unfreeze Panes" from the pop-up (Excel 2007).
- 2. If your permit contains limits in terms of micrograms, nanograms or picograms per liter (μg/l, ng/l or pg/l), please convert this to mg/l for entry into the Limits worksheet.
- 3. Chesapeake Bay nutrient parameters for Total Monthly Loading statistics (e.g., Total Nitrogen, parameter code 51445) cannot be selected on the Limits worksheet. However, you can select the concentration-based parameter that is equivalent (e.g., Total Nitrogen, parameter code 600), enter flows and concentration values, and Total Monthly Loading statistics will be calculated.
- If you have a requirement to report on the functioning of your ultraviolet disinfection (UV) system (i.e., "UV Functional" parameter), you should select units of "Y/N" in the Limits worksheet and report values of "1" for Yes (UV Functional) and "< 1" for No (UV Not Functional) in the Daily worksheet.

<sup>\*</sup> All attempts have been made in developing this spreadsheet to follow procedures contained in "Discharge Monitoring Reports Overview and Summary" (3800-BK-DEP3047). Please check the Supplemental Forms website for updates to this spreadsheet periodically and contact DEP at 717-787-2137 with questions. If your permit requires that you follow different procedures, you must follow your permit.

(Note - Flow is assumed. If it does not apply, please ignore).

PARAMETER / STAGE		QUA	NTITY OR LOADING	}	QUALITY OR CONCENTRATION								
PARAMETER / STAGE		LOAD 1	LOAD 2	UNITS	CONC 1	CONC 2	CONC 3	UNITS					
Flow (50050)	LIMIT	Report											
Final Effluent (1)	STATISTICAL CODE	Average Monthly		MGD	****	****	****	****					
Fecal Coliform (74055)	LIMIT					2000	10000						
Final Effluent (1)	STATISTICAL CODE					Geometric Mean	Daily Maximum	CFU/100 ml					
BOD5 (310)	LIMIT	Report	Report			Report							
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L					
Total Suspended Solids (530)	LIMIT	Report	Report			Report							
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L					
Dissolved Oxygen (300)	LIMIT				5.0								
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			mg/L					
pH (400)	LIMIT				6.0		9.0						
Final Effluent (1)	STATISTICAL CODE				Daily Minimum		Daily Maximum	S.U.					
CBOD5 (80082)	LIMIT	1334	2000			20	40						
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L					
Total Suspended Solids (530)	LIMIT	2000	3000			30	45						
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L					
Total Phosphorus (665)	LIMIT	133				2.0							
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L					
Ammonia-Nitrogen (610)	LIMIT	300				4.5							
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L					
Total Kjeldahl Nitrogen (625)	LIMIT	Report	Report			Report							
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L					
Nitrate-Nitrite as N (630)	LIMIT	Report	Report			Report							
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L					
Total Nitrogen (600)	LIMIT	Report	Report			Report							
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L					
UV Intensity (49607)	LIMIT				Report			:					
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			%					
	LIMIT							:					
	STATISTICAL CODE												





#### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Dover Township STP Month: Municipality: York Conewago Township Watershed:

11 (select number) Permit No.: **PA0020826** 

Year: Outfall: 001

2024

Renewal application due 180 days prior to expiration.
This permit will expire on:

June 30, 2022

Laboratories: on site Dover Township STP Laboratory

	F	Parameter	Flow	Fecal Coliform	BOD5	TSS	Dis	ssolved Oxygen		pH		CBOD5		TSS	Total Phosphorus		NH3-N		TKN	NO2-N + NO3-N		To	otal Nitrogen	U	V Intensity		
		Stage	1	1	RI	RI		1		1	L	1		1	1	L_	1	<u> </u>	1	L	1		1	L.,	1		
Week	Day	Date	MGD	Q CFU/100 ml	Q mg/L	Q mg/L	Q	mg/L	Q	S.U.	Q	mg/L	Q	mg/L	Q mg/L	Q	mg/L	Q mg/L Q mg/L		Q	mg/L	Q	%	Q			
-	Fri	11/1/24	2.486			<del>                                     </del>		7.36		6.27															99.35		
1	Sat	11/2/24	2.514		174.0	272.0		7.01		6.78	<	2.0	<	2.0	0.914		0.038		0.72		5.11		5.83		99.43		
1	Sun	11/3/24	2.539			272.0		7.35		6.76		2.0	- 1	2.0	0.011		0.000		0.72		0.11		0.00		100.0		
	Mon	11/4/24	2.458	2.0	317.0	264.0		7.73		6.93	<	2.0	<	2.0	0.881		0.066		1.06		5.13		6.19		100.0		
	Tue	11/5/24	2.494					7.48		6.25		-		-											100.0		
	Wed	11/6/24	2.422	1.0	262.0	296.0		7.64		6.86	<	2.0	<	2.0	0.384		0.040		0.73		4.44		5.17		99.77		
	Thu	11/7/24	2.421	1.0	307.0	428.0		7.39		6.89	<	2.0	<	2.0	0.339		0.018		0.84		4.46		5.30		99.9		
	Fri	11/8/24	2.419		259.0	428.0		7.62		6.94	<	2.0	<	2.0	0.646		0.032		0.73		5.59		6.32		99.99		
	Sat	11/9/24	2.441		325.0	472.0		6.98		6.53	<	2.0	<	2.0	0.805		0.022		0.91		5.79		6.70		100.0		
2	Sun	11/10/24	2.615					6.97		6.51															100.0		
	Mon	11/11/24	2.688					7.15		6.57															100.0		-
	Tue	11/12/24	2.457	3.0	207.0	292.0		7.80		6.83	<	2.0	<	2.0	0.570	<	0.016		0.90		6.10		7.00		100.0		
	Wed	11/13/24	2.474	1.0	188.0	312.0		7.82		6.87	<	2.0	<	2.0	0.385		0.036		0.80		5.85		6.65		100.0		
	Thu	11/14/24	2.55	2.0	354.0	384.0		7.99		6.71	<	2.0	<	2.0	0.623		0.023		0.86		5.73		6.59		100.0		
	Fri	11/15/24	2.473		262.0	416.0		7.76		6.80	<	2.0	<	2.0	1.011		0.048		0.82		5.71		6.53		99.97		
	Sat	11/16/24	2.476		229.0	340.0		7.46		6.90	<	2.0		2.0	1.155		0.017	<u> </u>	0.75		5.19		5.94		100.0		
3	Sun	11/17/24	2.664					7.36		7.02								<u> </u>							100.0		
	Mon	11/18/24	2.462	5.0	272.0	256.0		7.83		6.74	<	2.0	<	2.0	1.139		0.123	<u> </u>	1.03		4.49		5.52		100.0		
	Tue	11/19/24	2.493	1.0	265.0	332.0		7.97		6.67	<	2.0	<	2.0	0.611		0.050	<u> </u>	0.96		3.71		4.67		100.0		
	Wed	11/20/24	2.535	2.0	286.0	288.0		7.44		6.70	<	2.0	<	2.0	0.522	$\vdash$	0.040	1	0.84		3.57		4.41		100.0		
	Thu Fri	11/21/24	2.909	2.0	407.0	000.0		7.70		6.35		0.0		0.0	0.000		0.005		0.70		4.44		4.00		100.0		
	Sat	11/22/24	2.933 3.036		167.0 155.0	236.0		7.41 7.85		6.73	<	2.0	<	2.0 4.0	0.663 0.908		0.025 0.306		0.72 1.20		4.11		4.83 5.20		99.78 100.0		
4	Sun	11/23/24	2.77		155.0	220.0		7.85		6.67	<	2.0	<	4.0	0.908		0.306		1.20		4.00		5.20		99.97		
4	Mon	11/24/24	2.595	2.0	265.0	244.0		7.47		6.98	<	2.0		3.0	1.039		1.336	-	2.20		2.64		4.84		12.57		
	Tue	11/25/24	2.595	4.0	196.0	164.0		7.47		6.80	<	2.0		2.0	0.470		0.759		1.63		2.38		4.01		100.0		
	Wed	11/27/24	2.697	2.0	392.0	168.0		7.99		6.79	<	2.0		2.0	0.256		0.231		1.02		2.22		3.24		100.0		
	Thu	11/28/24	3.883	2.0	266.0	244.0		7.24		6.83	~	2.0	<	2.0	0.457		0.563		1.28		1.98		3.26		100.0		
	Fri	11/29/24	3.161		200.0	244.0		7.54		6.93		2.0	`	2.0	0.407		0.505		1.20		1.50		3.20		100.0		
	Sat	11/30/24	2.836		160.0	140.0		7.85		6.90	<	2.0		3.0	0.293		2.377		3.37		1.31		4.68		100.0		
5																											
						1 1		1										i i									
						1 1		1										i i									
															1												
																		1									
Statist	cs for DMR																										
	Daily Minimu	ım (Conc.):		1	155	140		6.97		6.25	<	2	<	2	0.256	<	0.016		0.72		1.31		3.24		12.57		
	Daily Maxim			5	392	472		7.99		7.02	<	2	<	4	1.155		2.377		3.37		6.1		7		100		
	Max Avg Wee	kly (Conc.):			294	378		7.66			<	2	<	2	0.769		1.053		1.9		5.72		6.54		100		
		hly (Conc.):			253	295		7.56			<	2	<	2	0.7	<	0.3		1.11		4.26		5.38		97.02		
	Geometric Me			2																							
	Max Avg We		2.927		6222	7655		186			<	49	<	58	17		25	1	45		119		136				
		ithly (Load):	2.648		5501	6358	_	167			<	44	<	48	15	<	7	1	26		91		116				
		ithly (Load):	79.446 2.419		165033 3648	19073	5	5005 142			<	1313	<	1450 40	436	<	207	770 2735		-	3479 73						
	Daily Minim		3.883		3648 8817	3311 9609	_	234			<	40 65	<	101	6 24	<	0.3 56	15 31 80 125			143						
	Daily Maxim	ium (Load):	3.883		881/	9609		<b>Z34</b>			<	65	<	101	24		96		80		125		143				

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, in his 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 knowling values. See 18 Pa. C.S. 5.8 4940 (telaling to unsworn talsification).

Prepared By: Christian L. Jordan License No.: **\$17213** Title: 23-Dec-24 Superintendent Date:

This spreadsheet is used for recording daily sample results for effluent (although other stages can be selected), and includes DEP-approved calculations and handling of rounding and significant figures for reporting\*. The calculations are provided for convenience and do not automatically populate into online eDMR reports.

The recommended sequence of data entry is as follows: 1) Enter parameter names, units of measurement, and permit limits into the **Limits** worksheet, and 2) Enter daily monitoring results into the **Daily** worksheet (for each outfall). The statistics for DMR reporting are presented at the bottom of the Daily table. You may then manually enter the statistics results into the eDMR report.

### **Limits Worksheet**

- 1. Enter the Outfall Number from your permit or eDMR report.
- 2. In the column named "Parameter / Stage", select each parameter and its associated stage (monitoring location) from your permit or eDMR report that corresponds to the selected Outfall. Parameter names include the Parameter Code in parentheses. Common parameters are listed first, and then are listed alphabetically. Up to 30 parameters, including Flow, can be selected per Outfall. Stage names include the Stage Code in parentheses. Codes are shown to help you match your selections with the eDMR data entry screen. In the event a parameter or stage on your eDMR report is not available, please contact DEP at (717) 787-6744. It is assumed that Flow Final Effluent is in your permit. This assumption is necessary for loading calculations, where applicable. If you are not required to measure flow in your permit for the outfall, please ignore it. If you are required to monitor a bacterial parameter (e.g., Fecal Coliform), it is recommended that you select this parameter immediately below "Flow" as explained below (No. 3, Daily Effluent Monitoring Worksheet).
- 3. Paper and electronic DMRs contain five columns or fields for data entry. In the Limits worksheet, the columns are named "Load 1", "Load 2", "Conc 1", "Conc 2", and "Conc 3". Enter permit limit values in the row for "LIMIT" and the appropriate column. If there is a "Monitor & Report" requirement only, type "Report". If there is no limit or monitoring required for the column, leave it blank. You can also select Statistical Codes from the lists below each limit field, though this is not required.
- 4. If you have entered a limit value for either Load 1 or Load 2 for a parameter, you must select a value for Units in the "Quantity or Loading" column. If you have entered a limit value for either Conc 1, Conc 2 or Conc 3 for a parameter, you must select a value for Units in the "Quality or Concentration" column. If a parameter does not, for example, have a limit value (including "Report") for Load 1 or Load 2, the Units value may remain blank.

- 1. Enter Facility Name, Municipality, County (select from list), Watershed No., Month (select number from list), Year (select from list), Permit No., and Permit Expiration Date (leave blank if not applicable). Also, report all laboratories where samples were analyzed during the month, including on-site analysis.
- 2. The first week of each month begins on a Sunday and the last week of each month ends on a Saturday. The Week column identifies the start of each weekly period for the purpose of computing weekly statistics. The full calendar month is used for calculating monthly statistics. Days and dates are automatically populated following your entry of the numeric Month and Year in Step 1. If the permit does not contain a weekly statistical reporting requirement for a parameter, do not enter data outside of the calendar month. For example, if you must report minimum and maximum pH measurements (but not weekly average), enter data beginning on the first day of the month and ending on the last day of the month. If, for example, you have a weekly average limit for CBOD<sub>5</sub>, and if samples were collected on any date shown on the form that is outside the calendar month, enter the results.

- 3. Parameters (abbreviated), stages (stage code), and units will be displayed in the order selected on the Limits worksheet. The Qualifier ("Q") columns allow you to select the "<" symbol. In addition, the first "Q" column to the right of Flow allows you to select the "<" symbol as well as the ">" symbol. By policy, DEP accepts the use of the ">" symbol only for bacterial results. Therefore, if you have a bacterial parameter in your permit, it is recommended that you select it after Flow in the Limits worksheet.
- 4. On each day in which a sample is collected for analysis, enter the result in the column corresponding to the parameter analyzed. Enter the result exactly as reported by the laboratory or determined by on-site equipment. If the result is reported as a "non-detect" result, enter the laboratory's reporting limit for the result and select the "less than" (<) symbol from the lists in the "Q" columns. For bacteria, if the result is "0", enter "1".
- 5. Statistics are computed at the bottom of the form. If a limit value exists for the statistic, the decimal places of the statistic will match that of the limit. If a limit value does not exist, the statistic will present the maximum number of decimal places from the reported results. Note for maximum weekly average results, week 5 is not included in the results unless week 5 is a full week (7 days).
- **6.** Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

- 1. In the Daily worksheet, the pane has been "frozen" so that pertinent information can be viewed at all times. You can "unfreeze" the panes at any time by clicking on Window Unfreeze Panes (Excel 2003) or select the "View" tab from the "Windows" group, choose "Freeze Panes", and select "Unfreeze Panes" from the pop-up (Excel 2007).
- 2. If your permit contains limits in terms of micrograms, nanograms or picograms per liter (μg/l, ng/l or pg/l), please convert this to mg/l for entry into the Limits worksheet.
- 3. Chesapeake Bay nutrient parameters for Total Monthly Loading statistics (e.g., Total Nitrogen, parameter code 51445) cannot be selected on the Limits worksheet. However, you can select the concentration-based parameter that is equivalent (e.g., Total Nitrogen, parameter code 600), enter flows and concentration values, and Total Monthly Loading statistics will be calculated.
- If you have a requirement to report on the functioning of your ultraviolet disinfection (UV) system (i.e., "UV Functional" parameter), you should select units of "Y/N" in the Limits worksheet and report values of "1" for Yes (UV Functional) and "< 1" for No (UV Not Functional) in the Daily worksheet.

<sup>\*</sup> All attempts have been made in developing this spreadsheet to follow procedures contained in "Discharge Monitoring Reports Overview and Summary" (3800-BK-DEP3047). Please check the Supplemental Forms website for updates to this spreadsheet periodically and contact DEP at 717-787-2137 with questions. If your permit requires that you follow different procedures, you must follow your permit.

(Note - Flow is assumed. If it does not apply, please ignore).

PARAMETER / STAGE		QUA	NTITY OR LOADING	}	QUALITY OR CONCENTRATION								
PARAMETER / STAGE		LOAD 1	LOAD 2	UNITS	CONC 1	CONC 2	CONC 3	UNITS					
Flow (50050)	LIMIT	Report											
Final Effluent (1)	STATISTICAL CODE	Average Monthly		MGD	****	****	****	****					
Fecal Coliform (74055)	LIMIT					2000	10000						
Final Effluent (1)	STATISTICAL CODE					Geometric Mean	Daily Maximum	CFU/100 ml					
BOD5 (310)	LIMIT	Report	Report			Report							
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L					
Total Suspended Solids (530)	LIMIT	Report	Report			Report							
Raw Sewage Influent (RI)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly		mg/L					
Dissolved Oxygen (300)	LIMIT				5.0								
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			mg/L					
pH (400)	LIMIT				6.0		9.0						
Final Effluent (1)	STATISTICAL CODE				Daily Minimum		Daily Maximum	S.U.					
CBOD5 (80082)	LIMIT	1334	2000			20	40						
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L					
Total Suspended Solids (530)	LIMIT	2000	3000			30	45						
Final Effluent (1)	STATISTICAL CODE	Average Monthly	Weekly Average	lbs/day		Average Monthly	Weekly Average	mg/L					
Total Phosphorus (665)	LIMIT	133				2.0							
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L					
Ammonia-Nitrogen (610)	LIMIT	300				4.5							
Final Effluent (1)	STATISTICAL CODE	Average Monthly		lbs/day		Average Monthly		mg/L					
Total Kjeldahl Nitrogen (625)	LIMIT	Report	Report			Report							
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L					
Nitrate-Nitrite as N (630)	LIMIT	Report	Report			Report							
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L					
Total Nitrogen (600)	LIMIT	Report	Report			Report							
Final Effluent (1)	STATISTICAL CODE	Total Monthly	Average	lbs/day		Average Monthly		mg/L					
UV Intensity (49607)	LIMIT				Report			:					
Final Effluent (1)	STATISTICAL CODE				Daily Minimum			%					
	LIMIT							:					
	STATISTICAL CODE												





Laboratories:

#### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Dover Township STP Municipality: Conewago Township York Watershed:

on site Dover Township STP Laboratory

Month: 12 (select number) Permit No.: PA0020826

Year: Outfall:

2024 001

Renewal application due 180 days prior to expiration. This permit will expire on: June 30, 2022

		Parameter	Flow	Fe	cal Coliform		BOD5		TSS	Disso	lved Oxygen		pН		CBOD5		TSS	Tota	al Phosphorus		NH3-N		TKN	NC	02-N + NO3-N	To	otal Nitrogen	ı	JV Intensity		
		Stage	1		1		RI		RI		1		1		1		1		1		1	1			1		1		1	ii	
Week	Day	Date	MGD	Q	CFU/100 ml	Q	mg/L	Q	mg/L	Q	mg/L	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	%	Q	
																														$\neg$	
1	Sun	12/1/24	2.76			-	0.40.0		010.0	<b>.</b>	8.68		6.94						2 4 2 2										100.0		
	Mon	12/2/24	2.598		2.0	1	243.0 497.0		212.0	-	8.71		6.59		2.0		2.0	1	0.169		1.941		3.31		1.75 1.67		5.06		54.31	_	
l II—	Tue Wed	12/3/24 12/4/24	2.441		1.0	1	497.0	$\vdash$	176.0 428.0	<del>   </del>	8.41 8.47		6.64	$\vdash$	2.0	$\vdash$	3.0 2.0	1	0.124 0.107		2.196 2.392	_	0.34 3.34	-	1.67		2.01 5.12	$\vdash$	100.0 100.0	$\rightarrow$	
l I <del></del>	Thu	12/5/24	2.253		4.0	+	436.0		420.0		8.79		6.50		2.0		2.0		0.107		2.392		3.34		1.70		5.12		100.0	$\dashv$	
	Fri	12/6/24	2.141		4.0		320.0		352.0		8.86		6.60		3.0		3.0		0.087		1.981	-	3.51	-	3.63		7.14		100.0	$\rightarrow$	
	Sat	12/7/24	2.375				363.0		264.0	<b>†</b>	8.69		6.42		2.0		2.0		0.056		0.272		1.26	1	5.82		7.08		99.99	=	
2	Sun	12/8/24	2.391								8.85		6.35								****			1					100.0		
	Mon	12/9/24	2.343		2.0		328.0		300.0		8.21		6.85		2.0		2.0		0.076		0.057		0.85		5.24		6.09		31.52	$\Box$	
	Tue	12/10/24	2.312		4.0						7.91		6.41																100.0		
	Wed	12/11/24	5.107				497.0		276.0		8.05		6.80		2.0		2.0		0.057		0.038		0.72		4.59		5.31		27.31		
	Thu	12/12/24	6.279		10.0		178.0		1276.0		7.61		6.68		3.0		7.0		0.293		1.221		2.75		3.62		6.37		54.69		
	Fri	12/13/24	4.107				224.0		304.0		8.04		6.92		3.0		4.0		0.979		6.160		7.69		0.22		7.91		27.13		
	Sat	12/14/24	3.3				241.0		184.0		8.42		6.87		2.0		4.0		0.250		6.949		7.83		0.15		7.98		42.21		
3	Sun	12/15/24	2.889			-					8.88		6.41											ļ					97.88		
	Mon Tue	12/16/24 12/17/24	3.578 3.186		4.0	1	189.0 271.0		140.0 176.0	-	8.31 8.29		6.55 6.76		2.0		2.0	1	0.077 0.047		0.207 0.030		0.92		2.94 2.40		3.86 3.15		21.56 100.0	_	
	Wed	12/17/24	2.886		4.0	1	167.0	$\vdash$	272.0	<del>   </del>	8.29		6.68	$\vdash$	2.0	$\vdash$	2.0	1	0.047		0.030	_	0.75	-	2.40		2.91	$\vdash$	100.0	$\rightarrow$	
	Thu	12/10/24	3.037		4.0	+	155.0		160.0		8.72		6.84		2.0		2.0		0.053		0.016		0.66	ļ	2.75		3.46		100.0	$\rightarrow$	
	Fri	12/20/24	2.989		1.0	1	100.0		100.0		8.96		6.31		2.0		2.0		0.001		0.010		0	<b>†</b>	2.70		0.10		100.0	=	
	Sat	12/21/24	3.087				213.0		208.0		8.56		6.65		2.0		2.0		0.061		0.016		0.68	1	3.81		4.49		100.0		
4	Sun	12/22/24	2.978								9.17		6.32		-												-		100.0	$\Box$	
	Mon	12/23/24	2.612		5.0		328.0		340.0		9.12		6.46		2.0		3.0		0.112		0.090		1.04		4.04		5.08		15.74		
	Tue	12/24/24	2.69				329.0		308.0		8.70		6.69		2.0		2.0		0.064		0.026		0.84		4.28		5.12		100.0		
	Wed	12/25/24	2.436								8.68		6.85																100.0		
	Thu	12/26/24	2.551		1.0		296.0		360.0		8.82		6.73		2.0		2.0		0.089		0.112		0.95		3.57		4.52		100.0		
	Fri	12/27/24	2.509		2.0		259.0		304.0		8.77		6.80		2.0		2.0		0.065		0.174		0.85		4.15		5.00		100.0		
_	Sat	12/28/24	3.107			-	233.0		264.0		8.63		6.89		2.0		2.0		0.053		0.017		0.90	ļ	4.09		4.99		99.85		
5	Sun	12/29/24	3.042		0.0	-	400.0		400.0		8.46	1	6.63		0.0		0.0	-	0.050		0.04		0.00	ļ	0.07		2.00		100.0	_	
	Mon Tue	12/30/24 12/31/24	3.06 3.06		2.0	1	122.0	$\vdash$	160.0	<del>   </del>	8.36 9.01		6.64	$\vdash$	2.0	$\vdash$	2.0	1	0.053		0.04	_	0.92	-	2.97		3.89	$\vdash$	38.64 100.0	$\rightarrow$	
I	rue	12/31/24	3.00	1		1	1				9.01	1 1	0.39					+	<b> </b>		<del>                                     </del>			1				1	100.0	$\rightarrow$	
I	1	1				1	1											+	1		<del> </del>			l -						$\dashv$	
				$\vdash$		1		$\vdash$		t						H					<b> </b>			t				t		$\dashv$	
						1				t						t t					l l			1						$\exists$	
Statist	ics for DMR	₹																													
	Daily Minir	mum (Conc.):			1		122		140		7.61		6.31		2		2		0.047		0.016		0.34		0.15		2.01		15.74		
		imum (Conc):			10		497		1276		9.17	$oxed{oxed}$	6.94		3		7		0.979		6.949		7.83		5.82		7.98		100	]	
		eekly (Conc.):				<u> </u>	372	Ш	468	$\sqcup \bot$	8.84				2		4	ш	0.331		2.885		3.97	<u> </u>	4.03		6.73	<u> </u>	93.47		
		onthly (Conc.):		$\vdash$	•	-	281	Ш	308	<del> </del>	8.57	1		<u> </u>	2		3	$\vdash$	0.1		1.1	_	1.94	<u> </u>	3.13		5.07	<u> </u>	80.99	$\rightarrow$	
		Mean (Conc.): Veekly (Load):	3.691	1	3	1-	10241		19983	<del> </del>	248	1 1			88	1	148	+	12		94		134	1	100		234	1		$\rightarrow$	
		onthly (Load):	2.98	1		1	7119		9134		211	1 1			57		73	+	4		31		53	1	80		134	1		$\rightarrow$	
		onthly (Load): onthly (Load):	92.387	$\vdash$		+	220684	$\vdash$	283169	H	6554	H		H	1762	H	2265		130		975	-	1646	1	2490		4151	H		$\dashv$	
			2.141			1	3113		3583		153				38		38	+	1		0.4		7	l —	4		41			$\dashv$	
		imum (Load):	6.279			1	21168		66820		399				157		367		34		211		263		195		334			$\neg$	
	Daily Min	imum (Load):	2.141				3113		3583		153				38		38		1		0.4		7		4		41			-	

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 the possibility of the control for knowing volume. See 18 Pa. C. S. S. 69 14 (Relating to unswort latification).

Prepared By: Christian L. Jordan License No.: **\$17213** Title: Superintendent Date: 22-Jan-25

This spreadsheet is used for recording daily sample results for effluent (although other stages can be selected), and includes DEP-approved calculations and handling of rounding and significant figures for reporting\*. The calculations are provided for convenience and do not automatically populate into online eDMR reports.

The recommended sequence of data entry is as follows: 1) Enter parameter names, units of measurement, and permit limits into the **Limits** worksheet, and 2) Enter daily monitoring results into the **Daily** worksheet (for each outfall). The statistics for DMR reporting are presented at the bottom of the Daily table. You may then manually enter the statistics results into the eDMR report.

### **Limits Worksheet**

- 1. Enter the Outfall Number from your permit or eDMR report.
- 2. In the column named "Parameter / Stage", select each parameter and its associated stage (monitoring location) from your permit or eDMR report that corresponds to the selected Outfall. Parameter names include the Parameter Code in parentheses. Common parameters are listed first, and then are listed alphabetically. Up to 30 parameters, including Flow, can be selected per Outfall. Stage names include the Stage Code in parentheses. Codes are shown to help you match your selections with the eDMR data entry screen. In the event a parameter or stage on your eDMR report is not available, please contact DEP at (717) 787-6744. It is assumed that Flow Final Effluent is in your permit. This assumption is necessary for loading calculations, where applicable. If you are not required to measure flow in your permit for the outfall, please ignore it. If you are required to monitor a bacterial parameter (e.g., Fecal Coliform), it is recommended that you select this parameter immediately below "Flow" as explained below (No. 3, Daily Effluent Monitoring Worksheet).
- 3. Paper and electronic DMRs contain five columns or fields for data entry. In the Limits worksheet, the columns are named "Load 1", "Load 2", "Conc 1", "Conc 2", and "Conc 3". Enter permit limit values in the row for "LIMIT" and the appropriate column. If there is a "Monitor & Report" requirement only, type "Report". If there is no limit or monitoring required for the column, leave it blank. You can also select Statistical Codes from the lists below each limit field, though this is not required.
- 4. If you have entered a limit value for either Load 1 or Load 2 for a parameter, you must select a value for Units in the "Quantity or Loading" column. If you have entered a limit value for either Conc 1, Conc 2 or Conc 3 for a parameter, you must select a value for Units in the "Quality or Concentration" column. If a parameter does not, for example, have a limit value (including "Report") for Load 1 or Load 2, the Units value may remain blank.

- 1. Enter Facility Name, Municipality, County (select from list), Watershed No., Month (select number from list), Year (select from list), Permit No., and Permit Expiration Date (leave blank if not applicable). Also, report all laboratories where samples were analyzed during the month, including on-site analysis.
- 2. The first week of each month begins on a Sunday and the last week of each month ends on a Saturday. The Week column identifies the start of each weekly period for the purpose of computing weekly statistics. The full calendar month is used for calculating monthly statistics. Days and dates are automatically populated following your entry of the numeric Month and Year in Step 1. If the permit does not contain a weekly statistical reporting requirement for a parameter, do not enter data outside of the calendar month. For example, if you must report minimum and maximum pH measurements (but not weekly average), enter data beginning on the first day of the month and ending on the last day of the month. If, for example, you have a weekly average limit for CBOD<sub>5</sub>, and if samples were collected on any date shown on the form that is outside the calendar month, enter the results.

- 3. Parameters (abbreviated), stages (stage code), and units will be displayed in the order selected on the Limits worksheet. The Qualifier ("Q") columns allow you to select the "<" symbol. In addition, the first "Q" column to the right of Flow allows you to select the "<" symbol as well as the ">" symbol. By policy, DEP accepts the use of the ">" symbol only for bacterial results. Therefore, if you have a bacterial parameter in your permit, it is recommended that you select it after Flow in the Limits worksheet.
- 4. On each day in which a sample is collected for analysis, enter the result in the column corresponding to the parameter analyzed. Enter the result exactly as reported by the laboratory or determined by on-site equipment. If the result is reported as a "non-detect" result, enter the laboratory's reporting limit for the result and select the "less than" (<) symbol from the lists in the "Q" columns. For bacteria, if the result is "0", enter "1".
- 5. Statistics are computed at the bottom of the form. If a limit value exists for the statistic, the decimal places of the statistic will match that of the limit. If a limit value does not exist, the statistic will present the maximum number of decimal places from the reported results. Note for maximum weekly average results, week 5 is not included in the results unless week 5 is a full week (7 days).
- **6.** Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

### Notes:

- 1. In the Daily worksheet, the pane has been "frozen" so that pertinent information can be viewed at all times. You can "unfreeze" the panes at any time by clicking on Window Unfreeze Panes (Excel 2003) or select the "View" tab from the "Windows" group, choose "Freeze Panes", and select "Unfreeze Panes" from the pop-up (Excel 2007).
- 2. If your permit contains limits in terms of micrograms, nanograms or picograms per liter (μg/l, ng/l or pg/l), please convert this to mg/l for entry into the Limits worksheet.
- 3. Chesapeake Bay nutrient parameters for Total Monthly Loading statistics (e.g., Total Nitrogen, parameter code 51445) cannot be selected on the Limits worksheet. However, you can select the concentration-based parameter that is equivalent (e.g., Total Nitrogen, parameter code 600), enter flows and concentration values, and Total Monthly Loading statistics will be calculated.
- If you have a requirement to report on the functioning of your ultraviolet disinfection (UV) system (i.e., "UV Functional" parameter), you should select units of "Y/N" in the Limits worksheet and report values of "1" for Yes (UV Functional) and "< 1" for No (UV Not Functional) in the Daily worksheet.

<sup>\*</sup> All attempts have been made in developing this spreadsheet to follow procedures contained in "Discharge Monitoring Reports Overview and Summary" (3800-BK-DEP3047). Please check the Supplemental Forms website for updates to this spreadsheet periodically and contact DEP at 717-787-2137 with questions. If your permit requires that you follow different procedures, you must follow your permit.

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### **SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES**

Facility Name:	Dover Township STP			Month: January	Year:	2024
Municipality:	Conewago	County:	York	NPDES Permit No.:		
Watershed:	7-F			Renewal application due 180 c	days prior to expiration.	
				This permit will expire on:	June 30, 2022	

	SEPTAGE SLUDGE				OTHER (specify): Holding & Supernatent				DAILY TOTALS					
Day	Gallons	BOD <sub>5</sub>	BOD <sub>5</sub> (lbs)	Diamond Londin	Callana	BOD <sub>5</sub>	BOD <sub>5</sub> (lbs)	Disposal Location	Gallons	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	Disposal Location	Gallons	BOD <sub>5</sub> (lbs)
1	Gallons	(mg/l)	(BS)	Disposal Location	Gallons	(mg/l)	(ibs)	Disposal Location	Gallons	(mg/i)	(IDS)	Disposal Location	Gallons	(IDS)
2									20,000			Headworks	20,000	0
3									2,500			Headworks	2,500	0
4									15,000			Headworks	15,000	0
5									22,500			Headworks	22,500	0
6									22,000			110001101110		
7														
8									2,500			Headworks	2,500	0
9														
10														
11														
12									22,500			Headworks	22,500	0
13									2,500			Headworks	2,500	0
14														
15														
16														
17									32,500			Headworks	32,500	0
18									32,500			Headworks	32,500	0
19														
20														
21														
22									25,000			Headworks	25,000	0
23									7,500			Headworks	7,500	0
24									40.500				40.500	
25									12,500			Headworks	12,500	0
26														
27														
28 29														
30														
31									37,500				37,500	0
Avg									18,077			Monthly Totals:		

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	2/22/2024

- 1 Enter Facility Name, Municipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- For septage, sludge and other wastewaters (specify type in the space provided), record the daily volume received in gallons, the daily BOD<sub>5</sub> concentration (average), and the disposal location. The mass of BOD<sub>5</sub> introduced (lbs) is calculated automatically. Cells for disposal location have drop-down lists; you may select one of the options or type in your own description. Monthly average values and daily total values are calculated automatically.
- 3 Determine daily BOD<sub>5</sub> concentrations in mg/l by sampling loads in accordance with the permit or otherwise as determined by the facility. Periodic sampling of loads is encouraged to improve confidence in reported results.
- 4 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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### **SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES**

Facility Name:	Dover Township STP		Month: <b>February</b> Year: <b>2024</b>	
Municipality:	Conewago	County: York	NPDES Permit No.:	
Watershed:	7-F		Renewal application due 180 days prior to expiration.	
			This permit will expire on: June 30, 2022	

			SEPTAGE				SLUDGE		OTHER (specify): Holding & Supernatent				DAILY TOTALS	
Day	Gallons	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	Disposal Location	Gallons	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	Disposal Location	Gallons	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	Disposal Location	Gallons	BOD <sub>5</sub> (lbs)
1		, ,	. ,	•		, ,	\ /	•	35,000	, ,	` '	Headworks	35,000	0
2									15,000			Headworks	15,000	0
3														
4														
5														
6									10,000			Headworks	10,000	0
7									35,000			Headworks	35,000	0
8	1,500			Headworks					2,500			Headworks	4,000	0
9									2,500			Headworks	2,500	0
10														
11														
12														
13														
14									5,000			Headworks	5,000	0
15									5,000			Headworks	5,000	0
16														
17														
18 19														
20														
21									2,500			Headworks	2,500	0
22									7,500			Headworks	7,500	0
23									7,500			Tieauworks	7,300	U
24														
25														
26														
27									20,000			Headworks	20,000	0
28									12,500			Headworks	12,500	0
29									,				,	
30														
31														
Avg	1,500								12,708			Monthly Totals:	154,000	

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	3/19/2024

- 1 Enter Facility Name, Municipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- For septage, sludge and other wastewaters (specify type in the space provided), record the daily volume received in gallons, the daily BOD<sub>5</sub> concentration (average), and the disposal location. The mass of BOD<sub>5</sub> introduced (lbs) is calculated automatically. Cells for disposal location have drop-down lists; you may select one of the options or type in your own description. Monthly average values and daily total values are calculated automatically.
- 3 Determine daily BOD<sub>5</sub> concentrations in mg/l by sampling loads in accordance with the permit or otherwise as determined by the facility. Periodic sampling of loads is encouraged to improve confidence in reported results.
- 4 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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### **SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES**

Facility Name:	Dover Township STP			Month: N	/larch	Yea	r: <b>2024</b>	
Municipality:	Conewago	County: Y	′ork	NPDES Per	rmit No.:			
Watershed:	7-F			Renewal ap	oplication due 180	<b>days</b> prior to expirati	on.	
				This permit	will expire on:	June 30, 2022		

			SEPTAGE				SLUDGE		OTHER (	specify):	Holding &	Supernatent	DAILY TOTALS	
Day		BOD <sub>5</sub>	BOD <sub>5</sub>	5		BOD <sub>5</sub>	BOD <sub>5</sub>	<b>5</b> : 11 ::		BOD <sub>5</sub>	BOD <sub>5</sub>			BOD <sub>5</sub>
	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(lbs)
1									2,500			Headworks	2,500	0
2														
3														
4														
5									<b>5</b> 000				<b>5</b> 000	
6									5,000			Headworks	5,000	0
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20 21														
22 23														
24														
25														
26														
26														
28	2,500			Headworks									2,500	0
29	2,500			Heauworks									2,000	U
30														
31														
Avg	2,500								3,750			Monthly Totals:	10.000	

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	4/20/2024

- 1 Enter Facility Name, Municipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- For septage, sludge and other wastewaters (specify type in the space provided), record the daily volume received in gallons, the daily BOD<sub>5</sub> concentration (average), and the disposal location. The mass of BOD<sub>5</sub> introduced (lbs) is calculated automatically. Cells for disposal location have drop-down lists; you may select one of the options or type in your own description. Monthly average values and daily total values are calculated automatically.
- 3 Determine daily BOD<sub>5</sub> concentrations in mg/l by sampling loads in accordance with the permit or otherwise as determined by the facility. Periodic sampling of loads is encouraged to improve confidence in reported results.
- 4 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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### **SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES**

Facility Name:	Dover Township STP		Month: April Year: 2024	
Municipality:	Conewago	County: York	NPDES Permit No.:	
Watershed:	7-F	<del></del>	Renewal application due 180 days prior to expiration.	
			This permit will expire on: June 30, 2022	

	SEPTAGE						SLUDGE		OTHER (	specify):		Supernatent	DAILY T	OTALS
Day		BOD <sub>5</sub>	BOD₅			BOD <sub>5</sub>	BOD <sub>5</sub>			BOD <sub>5</sub>	BOD <sub>5</sub>			BOD <sub>5</sub>
	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons		(lbs)	Disposal Location	Gallons	(lbs)
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														_
24														_
25														
26														
27														
28														
29														
30														
31														
Avg												Monthly Totals:		

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	5/27/2024

- 1 Enter Facility Name, Municipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- For septage, sludge and other wastewaters (specify type in the space provided), record the daily volume received in gallons, the daily BOD<sub>5</sub> concentration (average), and the disposal location. The mass of BOD<sub>5</sub> introduced (lbs) is calculated automatically. Cells for disposal location have drop-down lists; you may select one of the options or type in your own description. Monthly average values and daily total values are calculated automatically.
- 3 Determine daily BOD<sub>5</sub> concentrations in mg/l by sampling loads in accordance with the permit or otherwise as determined by the facility. Periodic sampling of loads is encouraged to improve confidence in reported results.
- 4 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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### **SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES**

Facility Name:	Dover Township STP		Month: May Year: 2024	
Municipality:	Conewago	County: York	NPDES Permit No.:	
Watershed:	7-F	·	Renewal application due 180 days prior to expiration.	
			This permit will expire on: June 30, 2022	

			SEPTAGE				SLUDGE		OTHER (	(specify):	Holding &	Supernatent	DAILY 1	TOTALS
Day		BOD <sub>5</sub>	BOD <sub>5</sub>			BOD <sub>5</sub>	BOD <sub>5</sub>			BOD <sub>5</sub>	BOD <sub>5</sub>			BOD <sub>5</sub>
	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(lbs)
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15	2,000			Headworks									2,000	0
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														ļ
29														ļ
30														ļ
31														
Avg	2,000											Monthly Totals:	2,000	1

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	6/19/2024

- 1 Enter Facility Name, Municipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- For septage, sludge and other wastewaters (specify type in the space provided), record the daily volume received in gallons, the daily BOD<sub>5</sub> concentration (average), and the disposal location. The mass of BOD<sub>5</sub> introduced (lbs) is calculated automatically. Cells for disposal location have drop-down lists; you may select one of the options or type in your own description. Monthly average values and daily total values are calculated automatically.
- 3 Determine daily BOD<sub>5</sub> concentrations in mg/l by sampling loads in accordance with the permit or otherwise as determined by the facility. Periodic sampling of loads is encouraged to improve confidence in reported results.
- 4 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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### **SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES**

Facility Name:	Dover Township STP		Month: <b>June</b> Year: <b>2024</b>	
Municipality:	Conewago	County: York	NPDES Permit No.:	
Watershed:	7-F		Renewal application due 180 days prior to expiration.	
	<u> </u>		This permit will expire on: June 30, 2022	

			SEPTAGE				SLUDGE		OTHER (	(specify):	Holding &	Supernatent	DAILY 1	TOTALS
Day		BOD <sub>5</sub>	BOD <sub>5</sub>			BOD <sub>5</sub>	BOD <sub>5</sub>			BOD <sub>5</sub>	BOD₅			BOD <sub>5</sub>
	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons		(lbs)	Disposal Location	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(lbs)
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25 26														
27														
28														
29														
30														
31														
Avg												Monthly Totals:		

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	7/24/2024

- 1 Enter Facility Name, Municipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- For septage, sludge and other wastewaters (specify type in the space provided), record the daily volume received in gallons, the daily BOD<sub>5</sub> concentration (average), and the disposal location. The mass of BOD<sub>5</sub> introduced (lbs) is calculated automatically. Cells for disposal location have drop-down lists; you may select one of the options or type in your own description. Monthly average values and daily total values are calculated automatically.
- 3 Determine daily BOD<sub>5</sub> concentrations in mg/l by sampling loads in accordance with the permit or otherwise as determined by the facility. Periodic sampling of loads is encouraged to improve confidence in reported results.
- 4 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

### **SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES**

Selvannian e	ENVIRONMENTAL MOTECTION					
Facility Name:	Dover Township STP			Month: <b>July</b>	Year:	2024
Municipality:	Conewago	County: You	rk	NPDES Permit No.:		
Watershed:	7-F			Renewal application due 180 days prior	to expiration.	
	<u> </u>			This permit will expire on: June 30, 2	2022	

			SEPTAGE				SLUDGE		OTHER (	specify):	Holding &	Supernatent	DAILY 1	OTALS
Day	Callana	BOD <sub>5</sub>	BOD <sub>5</sub>	Diamagal Lagation	Callana	BOD <sub>5</sub>	BOD <sub>5</sub>	Diamagal Lagatian		BOD <sub>5</sub>	BOD <sub>5</sub>		Gallons	BOD <sub>5</sub>
1	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(lbs)
2														
3	2,750			Headworks									2,750	0
4	2,.00			. roda works									2,: 00	
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19 20														
21														
22														
23														
24														
25	4,000			Headworks									4,000	0
26	7,000			HOUGWOING									7,000	
27														
28														
29														
30														
31														
Avg	3,375											Monthly Totals:	6,750	

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	8/23/2024

- 1 Enter Facility Name, Municipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- For septage, sludge and other wastewaters (specify type in the space provided), record the daily volume received in gallons, the daily BOD<sub>5</sub> concentration (average), and the disposal location. The mass of BOD<sub>5</sub> introduced (lbs) is calculated automatically. Cells for disposal location have drop-down lists; you may select one of the options or type in your own description. Monthly average values and daily total values are calculated automatically.
- 3 Determine daily BOD<sub>5</sub> concentrations in mg/l by sampling loads in accordance with the permit or otherwise as determined by the facility. Periodic sampling of loads is encouraged to improve confidence in reported results.
- 4 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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### **SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES**

Facility Name:	Dover Township STP			Month: August	Year:	2024
Municipality:	Conewago	County: Yo	ork	NPDES Permit No.:		
Watershed:	7-F		_	Renewal application due 180 days	prior to expiration.	
				This permit will expire on: June	30, 2022	

			SEPTAGE				SLUDGE		OTHER (	specify):	Holding &	Supernatent	DAILY 1	TOTALS
Day		BOD <sub>5</sub>	BOD <sub>5</sub>			BOD <sub>5</sub>	BOD <sub>5</sub>			BOD <sub>5</sub>	BOD <sub>5</sub>			BOD <sub>5</sub>
	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(lbs)
1	0.000			He a describe									0.000	
3	3,000			Headworks									3,000	0
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16	5,000			Headworks									5,000	0
17														
18 19														
20														
21														
22														
23														
24														
25														
26														
27														
28						-								
29														
30														
31	4.000											M 411 T 11	0.000	
Avg	4,000											Monthly Totals:	8,000	1

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	9/19/2024

- 1 Enter Facility Name, Municipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- For septage, sludge and other wastewaters (specify type in the space provided), record the daily volume received in gallons, the daily BOD<sub>5</sub> concentration (average), and the disposal location. The mass of BOD<sub>5</sub> introduced (lbs) is calculated automatically. Cells for disposal location have drop-down lists; you may select one of the options or type in your own description. Monthly average values and daily total values are calculated automatically.
- 3 Determine daily BOD<sub>5</sub> concentrations in mg/l by sampling loads in accordance with the permit or otherwise as determined by the facility. Periodic sampling of loads is encouraged to improve confidence in reported results.
- 4 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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P	DEPARTMENT OF ENVIRONMENTAL PROTECTION

### **SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES**

SEI AITHEIT S	ENVIRON ENTRE PROTECTION			
Facility Name:	Dover Township STP		Month: September Year: 2024	
Municipality:	Conewago	County: York	NPDES Permit No.:	
Watershed:	7-F		Renewal application due 180 days prior to expiration.	
			This permit will expire on: June 30, 2022	

			SEPTAGE				SLUDGE		OTHER (	specify):	Holding &	Supernatent	DAILY 1	TOTALS
Day	Gallons	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	Disposal Location	Gallons	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	Disposal Location	Gallons	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	Disposal Location	Gallons	BOD <sub>5</sub> (lbs)
1		(g,.)	(1.00)	210 00001 200011011		(g,)	()	2.0 0000. 2000		(9,.,	()	2.00000200		(1.00)
2														
3														
4														
5														
6														
7														
8														
9														
10 11														
12														
13														
14														
15														
16														
17														
18														
19														
20	2,500			Headworks									2,500	0
21														
22														
23														
24														
25 26														
26	4.400			Headworks									4,400	0
28	4,400			пеаимогкѕ									4,400	U
29														
30														
31														
Avg	3,450											Monthly Totals:	6,900	

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	10/25/2024

- 1 Enter Facility Name, Municipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- For septage, sludge and other wastewaters (specify type in the space provided), record the daily volume received in gallons, the daily BOD<sub>5</sub> concentration (average), and the disposal location. The mass of BOD<sub>5</sub> introduced (lbs) is calculated automatically. Cells for disposal location have drop-down lists; you may select one of the options or type in your own description. Monthly average values and daily total values are calculated automatically.
- 3 Determine daily BOD<sub>5</sub> concentrations in mg/l by sampling loads in accordance with the permit or otherwise as determined by the facility. Periodic sampling of loads is encouraged to improve confidence in reported results.
- 4 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

### **SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES**

Facility Name:	Dover Township STP			Month:	October	Year:	2024
Municipality:	Conewago	County:	York	NPDES	Permit No.:		
Watershed:	7-F			Renewal	application due 18	0 days prior to expiration	ı <b>.</b>
				This perr	mit will expire on:	June 30, 2022	

			0505405				01.110.05		OTHER (specify): Holding & Supernatent DAILY TOTALS					
			SEPTAGE	Γ	Т		SLUDGE	Г	OTHER (			Supernatent	DAILY	
Day		BOD <sub>5</sub>	BOD <sub>5</sub>			BOD <sub>5</sub>	BOD <sub>5</sub>			BOD <sub>5</sub>	BOD <sub>5</sub>			BOD <sub>5</sub>
	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(lbs)
1														
2														
3	2,000			Headworks									2,000	0
4														
5														
6														
7														
8														
9	4,000			Headworks									4,000	0
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31	4,000			Headworks									4,000	0
Avg	3,333											Monthly Totals:		

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	11/14/2024

- 1 Enter Facility Name, Municipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- For septage, sludge and other wastewaters (specify type in the space provided), record the daily volume received in gallons, the daily BOD<sub>5</sub> concentration (average), and the disposal location. The mass of BOD<sub>5</sub> introduced (lbs) is calculated automatically. Cells for disposal location have drop-down lists; you may select one of the options or type in your own description. Monthly average values and daily total values are calculated automatically.
- 3 Determine daily BOD<sub>5</sub> concentrations in mg/l by sampling loads in accordance with the permit or otherwise as determined by the facility. Periodic sampling of loads is encouraged to improve confidence in reported results.
- 4 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

### **SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES**

SEI AITHEIT S	ENVIRON ENVIRON			
Facility Name:	Dover Township STP		Month: November Year: 2024	
Municipality:	Conewago	County: York	NPDES Permit No.:	
Watershed:	7-F		Renewal application due 180 days prior to expiration.	
			This permit will expire on: June 30, 2022	

			SEPTAGE				SLUDGE		OTHER (	specify):	Holding &	Supernatent	DAILY 1	OTALS
Day	Gallons	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	Disposal Location	Gallons	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	Disposal Location	Gallons	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	Disposal Location	Gallons	BOD <sub>5</sub> (lbs)
1														
2														
3														
4														
5														
6 7														
8														
9														
10														
11														
12														
13	8,200			Headworks									8,200	0
14														
15	2,000			Headworks									2,000	0
16														
17														
18														
19														
20 21	2,000			Headworks									2,000	0
22	2,000			neadworks									2,000	U
23														
24														
25														
26														
27														
28						_								
29						-	,			-				
30														
31	4.00=	-				,						M di Ti	40.006	
Avg	4,067											Monthly Totals:	12,200	

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	12/19/2024

- 1 Enter Facility Name, Municipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- For septage, sludge and other wastewaters (specify type in the space provided), record the daily volume received in gallons, the daily BOD<sub>5</sub> concentration (average), and the disposal location. The mass of BOD<sub>5</sub> introduced (lbs) is calculated automatically. Cells for disposal location have drop-down lists; you may select one of the options or type in your own description. Monthly average values and daily total values are calculated automatically.
- 3 Determine daily BOD<sub>5</sub> concentrations in mg/l by sampling loads in accordance with the permit or otherwise as determined by the facility. Periodic sampling of loads is encouraged to improve confidence in reported results.
- 4 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

### **SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES**

Facility Name:	Dover Township STP		Month: <b>December</b> Year: <b>2024</b>	
Municipality:	Conewago	County: York	NPDES Permit No.:	
Watershed:	7-F		Renewal application due 180 days prior to expiration.	
			This permit will expire on: June 30, 2022	

			SEPTAGE				SLUDGE		OTHER (	specify):	Holding &	Supernatent	DAILY T	OTALS
Day		BOD <sub>5</sub>	BOD <sub>5</sub>			BOD <sub>5</sub>	BOD <sub>5</sub>			BOD <sub>5</sub>	BOD <sub>5</sub>			BOD <sub>5</sub>
	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(mg/l)	(lbs)	Disposal Location	Gallons	(lbs)
1														
2														
3														
5									12,500				12,500	0
6									2,500				2,500	0
7									2,300				2,300	U
8														
9														
10														
11														
12														
13														
14														
15														
16														
17									7,500				7,500	0
18									5,000				5,000	0
19									7,500				7,500	0
20									7,500				7,500	0
21														
22									7.500				7.500	
23 24									7,500				7,500	0
25														
25 26									35,000				35,000	0
27									25,000		-		25,000	0
28									2,500				2,500	0
29									2,000				2,000	-
30														
31														
Avg									11,250			Monthly Totals:	112,500	

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	1/16/2025

- 1 Enter Facility Name, Municipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- For septage, sludge and other wastewaters (specify type in the space provided), record the daily volume received in gallons, the daily BOD<sub>5</sub> concentration (average), and the disposal location. The mass of BOD<sub>5</sub> introduced (lbs) is calculated automatically. Cells for disposal location have drop-down lists; you may select one of the options or type in your own description. Monthly average values and daily total values are calculated automatically.
- 3 Determine daily BOD<sub>5</sub> concentrations in mg/l by sampling loads in accordance with the permit or otherwise as determined by the facility. Periodic sampling of loads is encouraged to improve confidence in reported results.
- 4 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.



### SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name:	Dover Township STP		Month: January	Year:	2024
Municipality:	Conewago Township	County: York	NPDES Permit No.:	_	
Watershed:	7-F		Renewal application due 180 days pric	r to expiration.	
	· ·		This permit will expire on: June 30	. 2022	

		ı	Influent	1	T	Process Control				_
	Flow	BOD <sub>5</sub>	BOD <sub>5</sub>	TSS	TSS	Aeration MLSS	Aeration DO	Sludge Wasted		
Day	(MGD)	(mg/l)	(lbs)	(mg/l)	(lbs)	(mg/l)	(mg/l)	(gallons)		
1	2.914					3,595.0	0.32	107,994.8		
2	2.887	178.0	4,286	208.0	5,008		0.41	108,002.23		
3	2.732	175.0	3,987	212.0	4,830	3,060.0	0.53	107,998.25		
4	2.503	148.0	3,090	192.0	4,008		0.71	107,986.8		
5	2.374	155.0	3,069	198.0	3,920		0.84	77,851.75		
6	2.667	75.0	1,668	688.0	15,303		0.72	57,586.76		
7	4.707						0.92	57,621.43		
8	4.76	97.0	3,851	100.0	3,970	3,120.0	1.96	57,596.21		
9	10.189	89.0	7,563	92.0	7,818		1.71	38,252.95		
10	13.295						0.29			
11	5.951	57.0	2,829	48.0	2,382		0.42			
12	4.723	169.0	6,657	248.0	9,769		1.63			
13	6.546	85.0	4,640	100.0	5,459		0.21			
14	5.122						0.11			
15	4.083					3,575.0	0.75			
16	3.632	86.0	2,605	140.0	4,241		1.51	24,967.15		
17	3.263	111.0	3,021	113.0	3,075	3,405.0	1.7	57,592.21		
18	3.313	109.0	3,012	135.0	3,730		1.94	57,608.97		
19	3.021	90.0	2,268	113.0	2,847		1.81	37,840.97		
20	2.893	121.0	2,919	148.0	3,571		1.8			
21	2.869						1.85			
22	2.672	172.0	3,833	240.0	5,348	3,163.0	1.82	38,028.52		
23	2.462						2.13	57,594.17		
24	2.767	126.0	2,908	181.0	4,177	3,350.0	1.93	57,603.1		
25	4.373	105.0	3,829	194.0	7,075		1.88	36,790.2		
26	5.96	103.0	5,120	81.0	4,026		1.18			
27	4.945	46.0	1,897	53.0	2,186		0.19			
28	8.699						0.07			
29	7.117	63.0	3,739	52.0	3,087		0.11	31,263.18		
30	5.495					3,450.0	1.0	57,593.81		
31	4.582	54.0	2,064	80.0	3,057		1.5	57,599.81		
Avg	4.63	110	3,584	164	4,949	3,340	1	61,769		
Max	13.295	178	7,563	688	15,303	3,595	2	108,002		

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 Pa. C.S. § 4904 (relating to unsworn falsification).

11.74

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	2/20/2024

3800-FM-BCW0436 3/2012, Instructions



## INSTRUCTIONS FOR COMPLETING INFLUENT & PROCESS CONTROL SUPPLEMENTAL REPORT

- 1 Enter Facility Name, Muncipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- **2** For **Influent**, enter daily average <u>Influent</u> 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). BOD<sub>5</sub> and TSS loads are automatically calculated if Influent Flow and concentration values are entered. 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; total daily Sludge Wasted (removed from biological treatment), in gallons, for all treatment system types; Return Activated Sludge (RAS) Rate (in million gallons per day) for aerobic biological treatment systems; and Recirculation (Recirc) Rate (in million gallons per day) for fixed media biological treatment systems. 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, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

### SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name:	Dover Township STP			Month:	February		Year:	2024
Municipality:	Conewago Township	County:	York	NPDES	Permit No.:			
Watershed:	7-F			Renewal	l application due 18	0 days prior to ex	piration.	
				This peri	mit will expire on:	June 30, 2022	2	

			Influent				Process Control				
Day	Flow (MGD)	BOD₅ (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)			
1	3.877	61.0	1,972	87.0	2,813	2,985.0	0.28	57,603.19		,	
2	3.683	75.0	2,304	86.0	2,642		0.28	31,246.47			
3	3.37	129.0	3,626	101.0	2,839		0.23				
4	3.149						0.22				
5	2.993	118.0	2,945	316.0	7,888	3,210.0	0.16				
6	2.9	112.0	2,709	110.0	2,660		0.14				
7	2.919	155.0	3,773	220.0	5,356	3,285.0	0.21	38,175.38			
8	2.874	104.0	2,493	164.0	3,931		0.51	57,595.36			
9	3.14						0.36	19,540.85			
10	3.78	160.0	5,044	330.0	10,403		0.28				
11	4.108						0.2				
12	3.878					3,490.0	0.25	35,980.05			
13	5.171	148.0	6,383	210.0	9,056		0.17	57,606.0			
14	5.189	103.0	4,457	70.0	3,029		0.14	52,898.85			
15	4.679	72.0	2,810	77.0	3,005		0.04	57,600.85			
16	4.513	69.0	2,597	44.0	1,656		0.44	57,599.95			
17	4.612	69.0	2,654	68.0	2,616		0.75	57,597.99			
18	4.247						0.26	57,603.53			
19	3.798	140.0	4,435	104.0	3,294		0.34	20,004.5			
20	3.418	96.0	2,737	68.0	1,938	3,620.0	0.26	22,111.45			
21	3.072						0.26	71,470.0			
22	3.237	126.0	3,402	144.0	3,888	3,435.0	0.27	86,395.51			
23	4.086	80.0	2,726	98.0	3,340	·	0.27	86,404.31			
24	4.433	66.0	2,440	62.0	2,292		0.27	32,960.14			
25	3.916		·				0.27				
26	3.43	46.0	1,316	158.0	4,520	3,175.0	0.26				
27	3.122	92.0	2,395	84.0	2,187		0.26				
28	2.935	113.0	2,766	200.0	4,896	3,500.0	0.28	28,057.73			
29	3.044						0.32	57,613.01			
30								,			
31											
Avg	3.709	102	3,142	133	4,012	3,338	0	49,303			
Max	5.189	160	6,383	330	10,403	3,620	1	86,404			

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 Pa. C.S. § 4904 (relating to unsworn falsification).

11.74

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	3/15/2024

3800-FM-BCW0436 3/2012, Instructions



## INSTRUCTIONS FOR COMPLETING INFLUENT & PROCESS CONTROL SUPPLEMENTAL REPORT

- 1 Enter Facility Name, Muncipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- **2** For **Influent**, enter daily average <u>Influent</u> 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). BOD<sub>5</sub> and TSS loads are automatically calculated if Influent Flow and concentration values are entered. 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; total daily Sludge Wasted (removed from biological treatment), in gallons, for all treatment system types; Return Activated Sludge (RAS) Rate (in million gallons per day) for aerobic biological treatment systems; and Recirculation (Recirc) Rate (in million gallons per day) for fixed media biological treatment systems. 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, DEP License No. (if applicable), and date the form was completed after reading the certification statement.



### SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name:	Dover Township STP		Month: March Year: 2024	
Municipality:	Conewago Township	County: York	NPDES Permit No.:	
Watershed:	7-F	<del></del>	Renewal application due 180 days prior to expiration.	
			This permit will expire on: June 30, 2022	

			Influent					Process Control	
	E1	BOD <sub>5</sub>	BOD <sub>5</sub>	TOO	T00	A 1 MI - O O	A	1	
Day	Flow (MGD)	(mg/l)	(lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)	
	2.881	121.0		126.0		(IIIg/I)	0.33	57,588.72	
1			2,907		3,027				
2	4.784	45.0	1,795	132.0	5,267		0.31	57,608.49	
3	4.689	04.0	4.044	50.0	4.705	0.050.0	0.32	57,603.07	
4	3.822	61.0	1,944	56.0	1,785	3,053.0	0.33	94,185.22	
5	3.959						0.32	52,733.9	
6	3.842	61.0	1,955	94.0	3,012	2,893.0	0.34	76,588.91	
7	3.893	87.0	2,825	101.0	3,279		0.33	115,208.08	
8	3.486	100.0	2,907	90.0	2,617		0.35	67,019.41	
9	5.784	79.0	3,811	122.0	5,885		0.31		
10	9.266						0.35		
11	6.521	47.0	2,556	60.0	3,263		0.55		
12	5.27	50.0	2,198	52.0	2,285		0.57	66,673.3	
13	4.218	123.0	4,327	72.0	2,533	2,408.0	0.37	115,201.71	
14	3.631	58.0	1,756	119.0	3,604		0.36	115,195.43	
15	3.385						0.33	71,822.72	
16	3.252	107.0	2,902	192.0	5,207		0.33	57,602.89	
17	3.29						0.29	19,512.27	
18	3.149					2,898.0	0.26		
19	2.921	279.0	6,797	347.0	8,453		0.29		
20	2.853	149.0	3,545	328.0	7,804	2,990.0	0.28	32,159.64	
21	3.124	273.0	7,113	532.0	13,861		0.3	94,452.99	
22	3.64	218.0	6,618	548.0	16,636		0.3	62,956.31	
23	5.784	117.0	5,644	228.0	10,998		0.21	·	
24	4.737		,		,		0.23		
25	3.584	72.0	2,152	120.0	3,587	3,083.0	0.33	80,937.68	
26	3.262	92.0	2,503	156.0	4,244	-,	0.33	115,181.0	
27	3.175	123.0	3,257	162.0	4,290	3,233.0	0.32	115,211.45	
28	3.124	76.0	1,980	132.0	3,439	-,	0.48	90,470.71	
29	3.063	. 5.5	.,000		3, .55		0.59	57,609.53	
30	2.851	128.0	3,043	164.0	3,899		0.24	18,096.99	
31	2.921	.20.0	5,5.5		3,333		0.21	. 0,000.00	
Avg	4.005	112	3,388	179	5,408	2,937	0	73,549	
Max	9.266	279	7,113	548	16,636	3,233	1	115,211	

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 Pa. C.S. § 4904 (relating to unsworn falsification).

11.74

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	3/15/2024

3800-FM-BCW0436 3/2012, Instructions



## INSTRUCTIONS FOR COMPLETING INFLUENT & PROCESS CONTROL SUPPLEMENTAL REPORT

- 1 Enter Facility Name, Muncipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- **2** For **Influent**, enter daily average <u>Influent</u> 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). BOD<sub>5</sub> and TSS loads are automatically calculated if Influent Flow and concentration values are entered. 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; total daily Sludge Wasted (removed from biological treatment), in gallons, for all treatment system types; Return Activated Sludge (RAS) Rate (in million gallons per day) for aerobic biological treatment systems; and Recirculation (Recirc) Rate (in million gallons per day) for fixed media biological treatment systems. 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, DEP License No. (if applicable), and date the form was completed after reading the certification statement.



### SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name:	Dover Township STP		Month: April Year: 2024	
Municipality:	Conewago Township	County: York	NPDES Permit No.:	
Watershed:	7-F		Renewal application due 180 days prior to expiration.	
	·		This permit will expire on: June 30, 2022	

			Influent			Process Control				
Day	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	8.701	188.0	13,642	298.0	21,625	3,013.0	0.23	29,409.59		
2	20.113	50.0	8,387	158.0	26,503		0.16	23,761.9		
3	27.904						1.85			
4	23.994	33.0	6,604	35.0	7,004		2.11			
5	16.327	29.0	3,949	42.0	5,719		0.1			
6	11.967	39.0	3,892	54.0	5,389		0.11			
7	9.504						0.08			
8	7.862	89.0	5,836	157.0	10,294		0.39	34,251.76		
9	6.887					2,758.0	0.68	57,594.43		
10	6.341	55.0	2,909	92.0	4,865		0.26	57,613.65		
11	6.012	111.0	5,566	106.0	5,315	2,686.0	0.24	57,598.65		
12	6.66	111.0	6,165	118.0	6,554		0.26	57,592.21		
13	6.193	83.0	4,287	314.0	16,218		0.25	17,425.51		
14	5.651						0.25			
15	5.391	89.0	4,002	164.0	7,374	2,875.0	0.24	23,876.3		
16	4.85	125.0	5,056	170.0	6,876	·	0.25	57,600.21		
17	4.492	189.0	7,081	168.0	6,294	2,758.0	0.25	57,589.16		
18	4.253	133.0	4,718	178.0	6,314		0.27	57,608.97		
19	4.146						0.25	17,982.22		
20	4.186	167.0	5,830	218.0	7,611		0.26			
21	4.077						0.24			
22	3.606	50.0	1,504	262.0	7,879	2,785.0	0.16	40,165.43		
23	3.388						0.24	57,594.6		
24	3.245	150.0	4,059	296.0	8,011	3,350.0	0.26	57,603.53		
25	3.25	236.0	6,397	436.0	11,818		0.24	57,590.68		
26	3.122	138.0	3,593	272.0	7,082		0.23	57,601.31		
27	3.234	194.0	5,232	250.0	6,743		0.2	57,600.41		
28	3.67						0.17	57,603.56		
29	3.53	268.0	7,890	264.0	7,772	3,460.0	0.18	57,594.01		
30	3.455	317.0	9,134	344.0	9,912		0.19	57,594.43		
31										
Avg	7.534	129	5,715	200	9,235	2,961	0	47,766		
Max	27.904	317	13,642	436	26,503	3,460	2	57,614		

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 Pa. C.S. § 4904 (relating to unsworn falsification).

11.74

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	5/15/2024

3800-FM-BCW0436 3/2012, Instructions



## INSTRUCTIONS FOR COMPLETING INFLUENT & PROCESS CONTROL SUPPLEMENTAL REPORT

- 1 Enter Facility Name, Muncipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- **2** For **Influent**, enter daily average <u>Influent</u> 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). BOD<sub>5</sub> and TSS loads are automatically calculated if Influent Flow and concentration values are entered. 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; total daily Sludge Wasted (removed from biological treatment), in gallons, for all treatment system types; Return Activated Sludge (RAS) Rate (in million gallons per day) for aerobic biological treatment systems; and Recirculation (Recirc) Rate (in million gallons per day) for fixed media biological treatment systems. 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, DEP License No. (if applicable), and date the form was completed after reading the certification statement.



### SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name:	Dover Township STP		Month: <b>May</b>	Year:	2024
Municipality:	Conewago Township	County: York	NPDES Permit No.:	<u> </u>	
Watershed:	7-F	<del></del>	Renewal application due 180 days price	or to expiration.	
	<u> </u>		This permit will expire on: June 30	0, 2022	

			Influent			Process Control				
Day	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	3.43	233.0	6,665	627.0	17,936	3,390.0	0.18	57,581.13		
2	3.405						0.22	57,618.13		
3	3.322	211.0	5,846	216.0	5,984		0.22	28,312.22		
4	3.439	248.0	7,113	328.0	9,407		0.23			
5	4.871						0.22			
6	4.135	227.0	7,828	216.0	7,449	3,550.0	0.23	40,759.29		
7	3.726						0.23	57,600.96		
8	3.54	106.0	3,130	208.0	6,141	3,620.0	0.22	66,607.01		
9	3.433	181.0	5,182	192.0	5,497		0.21	72,007.29		
10	4.22	117.0	4,118	192.0	6,757		0.22	71,994.54		
11	4.117	188.0	6,455	200.0	6,867		0.24	72,004.6		
12	4.718						0.23	71,981.2		
13	4.266	139.0	4,945	152.0	5,408	3,135.0	0.23	71,998.37		
14	4.081	161.0	5,480	80.0	2,723		0.22	66,386.43		
15	4.723		·			2,945.0	0.23	57,598.11		
16	4.292	192.0	6,873	176.0	6,300	·	0.22	25,863.83		
17	3.927	134.0	4,389	88.0	2,882		0.22			
18	4.091	84.0	2,866	160.0	5,459		0.22			
19	3.981						0.21			
20	3.812	154.0	4,896	208.0	6,613	3,590.0	0.21			
21	3.887	172.0	5,576	216.0	7,002		0.21			
22	3.802	201.0	6,373	208.0	6,595	3,665.0	0.21	26,035.77		
23	3.752						0.21	57,600.54		
24	3.624	183.0	5,531	184.0	5,561		0.21	57,586.49		
25	3.599	182.0	5,463	220.0	6,603		0.21	57,608.75		
26	3.613						0.21	57,604.23		
27	4.212						0.21	57,590.11		
28	3.762	201.0	6,306	244.0	7,656	3,425.0	0.21	57,608.17		
29	3.508	248.0	7,256	324.0	9,479		0.21	57,568.24		
30	3.521	198.0	5,814	192.0	5,638	3,535.0	0.22	57,601.3		
31	3.462	226.0	6,525	244.0	7,045		0.21	57,616.23		
Avg	3.88	181	5,665	222	6,864	3,428	0	56,781		
Max	4.871	248	7,828	627	17,936	3,665	0	72,007		

Prepared By:	Christian L. Jordan	License	e No.: <b>S17213</b>	
Title:	Superintendent	Date:	6/24/2024	

3800-FM-BCW0436 3/2012, Instructions



## INSTRUCTIONS FOR COMPLETING INFLUENT & PROCESS CONTROL SUPPLEMENTAL REPORT

- 1 Enter Facility Name, Muncipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- **2** For **Influent**, enter daily average <u>Influent</u> 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). BOD<sub>5</sub> and TSS loads are automatically calculated if Influent Flow and concentration values are entered. 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; total daily Sludge Wasted (removed from biological treatment), in gallons, for all treatment system types; Return Activated Sludge (RAS) Rate (in million gallons per day) for aerobic biological treatment systems; and Recirculation (Recirc) Rate (in million gallons per day) for fixed media biological treatment systems. 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, DEP License No. (if applicable), and date the form was completed after reading the certification statement.



### SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name:	Dover Township STP		Month: June Year: 2024	
Municipality:	Conewago Township	County: York	NPDES Permit No.:	
Watershed:	7-F	<u> </u>	Renewal application due 180 days prior to expiration.	
			This permit will expire on: June 30, 2022	

			Influent			Process Control				
Day	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	3.51	220.0	6,440	272.0	7,962		0.22	57,611.74		
2	3.496						0.21	24,432.13		
3	3.16	210.0	5,534	248.0	6,536		0.21			
4	3.16	269.0	7,089	244.0	6,430	3,510.0	0.21			
5	3.604	205.0	6,162	244.0	7,334		0.2	30,157.94		
6	3.98	223.0	7,402	280.0	9,294	3,445.0	0.21	57,590.63		
7	3.439						0.21	57,600.83		
8	3.429	209.0	5,977	204.0	5,834		0.22	57,595.34		
9	3.374						0.21	57,599.89		
10	3.24	199.0	5,377	220.0	5,945	3,420.0	0.22	57,588.46		
11	3.137	180.0	4,709	284.0	7,430		0.22	57,587.51		
12	3.128	253.0	6,600	352.0	9,183		0.21	57,623.55		
13	3.158					3,345.0	0.22	57,586.85		
14	3.112	236.0	6,125	216.0	5,606		0.21	57,617.29		
15	3.053	160.0	4,074	660.0	16,805		0.21	57,597.5		
16	3.106						0.22	57,597.52		
17	3.079	259.0	6,651	352.0	9,039	3,060.0	0.21	57,601.85		
18	2.972						0.21	57,598.36		
19	3.047	225.0	5,718	280.0	7,115	3,080.0	0.21	17,966.85		
20	3.045	245.0	6,222	372.0	9,447		0.21			
21	3.025	75.0	1,892	300.0	7,569		0.17			
22	3.112	227.0	5,892	364.0	9,447		0.19			
23	3.12						0.21			
24	2.951	285.0	7,014	308.0	7,580	3,505.0	0.21	40,332.59		
25	2.932	242.0	5,918	448.0	10,955		0.22	42,646.4		
26	3.025					3,245.0	0.22	57,597.27		
27	3.087	233.0	5,999	308.0	7,930		0.22	57,584.6		
28	2.921	223.0	5,433	288.0	7,016		0.22	57,614.96		
29	3.241	250.0	6,757	280.0	7,568		0.21	57,600.37		
30	4.217						0.21	57,600.84		
31										
Avg	3.229	220	5,856	311	8,192	3,326	0	52,080		
Max	4.217	285	7,402	660	16,805	3,510	0	57,624		

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 Pa. C.S. § 4904 (relating to unsworn falsification).

11.74

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	7/24/2024



- 1 Enter Facility Name, Muncipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- **2** For **Influent**, enter daily average <u>Influent</u> 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). BOD<sub>5</sub> and TSS loads are automatically calculated if Influent Flow and concentration values are entered. 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; total daily Sludge Wasted (removed from biological treatment), in gallons, for all treatment system types; Return Activated Sludge (RAS) Rate (in million gallons per day) for aerobic biological treatment systems; and Recirculation (Recirc) Rate (in million gallons per day) for fixed media biological treatment systems. 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, DEP License No. (if applicable), and date the form was completed after reading the certification statement.



Facility Name:	Dover Township STP		Month: July Year: 2024	
Municipality:	Conewago Township	County: York	NPDES Permit No.:	
Watershed:	7-F		Renewal application due 180 days prior to expiration.	
			This permit will expire on: June 30, 2022	

			Influent					Process Control		
	Fla	BOD <sub>5</sub>	BOD <sub>5</sub>	TCC	TOO	Acretica MLCC	Acretica DO	Ī	l	
Day	Flow (MGD)	(mg/l)	(lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
	3.335	229.0				3,375.0	0.22	57,581.16		
1			6,369	188.0	5,229	3,375.0		· ·		
2	3.275	166.0	4,534	192.0	5,244	0.40=0	0.22	57,605.42		
3	3.277	183.0	5,001	256.0	6,997	3,125.0	0.22	57,610.0		
4	3.193						0.21	57,597.48		
5	3.143	283.0	7,418	328.0	8,598		0.2	57,597.26		
6	3.023	261.0	6,580	324.0	8,169		0.22	57,602.4		
7	3.123						0.21	57,592.15		
8	3.077	205.0	5,261	528.0	13,550	2,650.0	0.2	57,604.26		
9	2.913	233.0	5,661	308.0	7,483		0.21	57,596.4		
10	2.919	203.0	4,942	336.0	8,180	2,800.0	0.21	33,151.88		
11	2.569						0.21			
12	2.534	147.0	3,107	256.0	5,410		0.21			
13	2.658	88.0	1,951	604.0	13,389		0.22			
14	2.793						0.21			
15	2.679					3,385.0	0.22			
16	2.615	292.0	6,368	324.0	7,066	·	0.21			
17	2.825	309.0	7,280	328.0	7,728	3,520.0	0.22	39,442.04		
18	3.166	218.0	5,756	256.0	6,760	·	0.22	57,604.44		
19	2.814	208.0	4,882	232.0	5,445		0.22	57,604.32		
20	2.812	209.0	4,901	256.0	6,004		0.21	57,592.16		
21	2.85		,		,		0.21	57,604.11		
22	2.735	216.0	4,927	272.0	6,204	3,415.0	0.2	57,597.77		
23	3.247	278.0	7,528	300.0	8,124	5,11515	0.22	57,607.25		
24	2.954		.,020	000.0	5,121	2,990.0	0.22	57,583.89		
25	2.899	169.0	4,086	272.0	6,576	2,000.0	0.21	57,604.43		
26	2.833	209.0	4,938	376.0	8,884		0.21	20,248.87		
27	2.894	193.0	4,658	292.0	7,048		0.22	20,240.01		
28	2.967	100.0	7,000	202.0	7,040		0.21			
29	2.844	234.0	5,550	304.0	7,211	3,365.0	0.21	39,957.97		
30	2.755	204.0	3,330	304.0	1,211	3,300.0	0.21	57,590.46		
31	2.707	176.0	3,973	356.0	8,037		0.21	57,602.81		
	2.917	214	5,258	313	7,606	2 404	0.21	53,356		
Avg Max	3.335	309	7,528	604	13,550	3,181 3,520	0	53,356		
iviax	3.333	303	1,320	004	13,330	3,320	U	31,010	1	

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 Pa. C.S. § 4904 (relating to unsworn falsification).

11.74

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	8/21/2024



- 1 Enter Facility Name, Muncipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- **2** For **Influent**, enter daily average <u>Influent</u> 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). BOD<sub>5</sub> and TSS loads are automatically calculated if Influent Flow and concentration values are entered. 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; total daily Sludge Wasted (removed from biological treatment), in gallons, for all treatment system types; Return Activated Sludge (RAS) Rate (in million gallons per day) for aerobic biological treatment systems; and Recirculation (Recirc) Rate (in million gallons per day) for fixed media biological treatment systems. 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, DEP License No. (if applicable), and date the form was completed after reading the certification statement.



Facility Name:	Dover Township STP		Month: August Year: 2024	
Municipality:	Conewago Township	County: York	NPDES Permit No.:	
Watershed:	7-F		Renewal application due 180 days prior to expiration.	
			This permit will expire on: June 30, 2022	

			Influent			Process Control				
Day	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	2.717	225.0	5,098	408.0	9,245	3,525.0	0.21	57,604.37		
2	2.712	209.0	4,727	236.0	5,338		0.21	57,601.33		
3	2.761	236.0	5,434	304.0	7,000		0.21	57,593.68		
4	3.052						0.21	57,594.61		
5	2.809	159.0	3,725	256.0	5,997	3,480.0	0.22	57,597.11		
6	4.099						0.21	57,607.69		
7	8.852	287.0	21,188	276.0	20,376	2,720.0	0.16	40,517.33		
8	4.946	80.0	3,300	106.0	4,372		0.22	57,597.23		
9	11.66	114.0	11,086	166.0	16,143		0.14	17,150.98		
10	8.525	89.0	6,328	92.0	6,541		0.17	35,440.12		
11	6.186						0.22	57,603.39		
12	5.088	175.0	7,426	140.0	5,941	3,090.0	0.22	57,591.01		
13	4.354						0.21	57,585.41		
14	3.912	112.0	3,654	216.0	7,047	3,210.0	0.21	57,612.82		
15	3.637	126.0	3,822	176.0	5,339		0.21	57,588.04		
16	3.464	125.0	3,611	172.0	4,969		0.21	29,095.94		
17	3.632	98.0	2,969	228.0	6,906		0.21			
18	3.877						0.2			
19	3.57	155.0	4,615	108.0	3,216	3,335.0	0.2	36,810.39		
20	3.352	211.0	5,899	224.0	6,262		0.22	57,592.5		
21	3.211	236.0	6,320	204.0	5,463		0.21	57,602.82		
22	3.096	188.0	4,854	248.0	6,404	3,225.0	0.22	57,601.7		
23	2.971						0.2	57,589.19		
24	3.083	197.0	5,065	220.0	5,657		0.21	57,609.27		
25	3.142						0.2	57,591.01		
26	2.803	287.0	6,709	284.0	6,639	3,135.0	0.22	57,607.63		
27	2.756	227.0	5,218	240.0	5,516		0.21	57,588.86		
28	2.797					2,865.0	0.22	57,587.72		
29	2.797	287.0	6,695	248.0	5,785		0.22	57,627.09		
30	2.813	271.0	6,358	272.0	6,381		0.22	22,819.82		
31	2.778	150.0	3,475	368.0	8,526		0.21			
Avg	4.047	185	5,982	226	7,177	3,176	0	51,750		
Max	11.66	287	21,188	408	20,376	3,525	0	57,627		

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 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By:	Christian L. Jordan	Lic	ense No.:	S17213
Title:	Superintendent	Da	ite:	9/19/2024



- 1 Enter Facility Name, Muncipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- **2** For **Influent**, enter daily average <u>Influent</u> 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). BOD<sub>5</sub> and TSS loads are automatically calculated if Influent Flow and concentration values are entered. 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; total daily Sludge Wasted (removed from biological treatment), in gallons, for all treatment system types; Return Activated Sludge (RAS) Rate (in million gallons per day) for aerobic biological treatment systems; and Recirculation (Recirc) Rate (in million gallons per day) for fixed media biological treatment systems. 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, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Facility Name:	Dover Township STP		Month: October Year: 2024	
Municipality:	Conewago Township	County: York	NPDES Permit No.:	
Watershed:	7-F		Renewal application due 180 days prior to expiration.	
			This permit will expire on: June 30, 2022	

			Influent	Influent Process Control						
Day	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	3.901	134.0	4,360	144.0	4,685		0.22	57,600.81		
2	3.399					2,990.0	0.21	57,595.29		
3	3.098	169.0	4,367	180.0	4,651		0.22	57,600.72		
4	3.017	167.0	4,202	176.0	4,428	2,750.0	0.21	26,728.25		
5	3.074	241.0	6,179	208.0	5,333		0.2			
6	3.077						0.2			
7	2.777	152.0	3,520	240.0	5,558	3,195.0	0.21			
8	2.62						0.22			
9	2.517	281.0	5,899	252.0	5,290	3,430.0	0.21	34,044.58		
10	2.518	255.0	5,355	316.0	6,636		0.21	57,578.14		
11	2.492	240.0	4,988	324.0	6,734	3,625.0	0.21	27,459.38		
12	2.584	242.0	5,215	248.0	5,345		0.22			
13	2.705						0.21			
14	2.602					3,665.0	0.21			
15	2.404	235.0	4,712	252.0	5,052		0.21	33,851.76		
16	2.438	350.0	7,117	328.0	6,669	3,670.0	0.2	57,596.02		
17	2.467	229.0	4,712	448.0	9,218		0.21	57,593.57		
18	2.399	267.0	5,342	300.0	6,002	3,715.0	0.21	58,165.15		
19	2.571	229.0	4,910	248.0	5,318		0.21	57,606.41		
20	2.741						0.2	57,596.66		
21	2.593	247.0	5,342	220.0	4,758	3,815.0	0.21	57,602.24		
22	2.512	191.0	4,001	264.0	5,531		0.2	57,599.61		
23	2.254	351.0	6,598	304.0	5,715	3,450.0	0.21	57,596.54		
24	2.427						0.21	57,597.36		
25	2.499	221.0	4,606	296.0	6,169	3,815.0	0.21	17,245.54		
26	2.511	294.0	6,157	600.0	12,565		0.21			
27	2.684						0.21			
28	2.539	213.0	4,510	220.0	4,659	4,160.0	0.2	37,379.53		
29	2.489	268.0	5,563	328.0	6,809		0.21	57,590.54		
30	2.506	320.0	6,688	284.0	5,936	3,660.0	0.2	57,592.56		
31	2.548	231.0	4,909	256.0	5,440		0.21	57,594.64		
Avg	2.676	240	5,185	280	6,022	3,534	0	49,946		
Max	3.901	351	7,117	600	12,565	4,160	0	58,165		

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 Pa. C.S. § 4904 (relating to unsworn falsification).

11.74

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	11/14/2024



- 1 Enter Facility Name, Muncipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- **2** For **Influent**, enter daily average <u>Influent</u> 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). BOD<sub>5</sub> and TSS loads are automatically calculated if Influent Flow and concentration values are entered. 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; total daily Sludge Wasted (removed from biological treatment), in gallons, for all treatment system types; Return Activated Sludge (RAS) Rate (in million gallons per day) for aerobic biological treatment systems; and Recirculation (Recirc) Rate (in million gallons per day) for fixed media biological treatment systems. 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, DEP License No. (if applicable), and date the form was completed after reading the certification statement.



Facility Name:	Dover Township STP		Month: September Year: 2024	
Municipality:	Conewago Township	County: York	NPDES Permit No.:	
Watershed:	7-F		Renewal application due 180 days prior to expiration.	
			This permit will expire on: June 30, 2022	

			Influent			Process Control				
Day	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	2.835						0.21			
2	2.928	198.0	4,835	476.0	11,624		0.21			
3	2.728	172.0	3,913	368.0	8,373	3,095.0	0.21	38,151.84		
4	2.656						0.21	57,595.73		
5	2.647	162.0	3,576	296.0	6,534	3,150.0	0.22	57,601.34		
6	2.597	161.0	3,487	296.0	6,411		0.21	17,279.82		
7	2.82	248.0	5,833	296.0	6,962		0.2			
8	2.974						0.21			
9	2.732	186.0	4,238	248.0	5,651	3,420.0	0.21	38,509.73		
10	2.711	210.0	4,748	236.0	5,336		0.21	57,602.9		
11	2.644	270.0	5,954	252.0	5,557	3,120.0	0.21	57,500.15		
12	2.583	269.0	5,795	352.0	7,583		0.22	57,596.6		
13	2.546						0.2	57,601.0		
14	2.638	249.0	5,478	308.0	6,776		0.22	57,594.93		
15	2.764				·		0.21	57,602.81		
16	2.574	354.0	7,599	336.0	7,213	2,925.0	0.21	57,593.74		
17	2.544	228.0	4,837	248.0	5,262	·	0.21	57,599.57		
18	2.563				·	2,430.0	0.21	57,597.68		
19	2.42	264.0	5,328	312.0	6,297	·	0.21	18,675.36		
20	2.401	311.0	6,228	260.0	5,206		0.22			
21	2.46	250.0	5,129	352.0	7,222		0.21			
22	2.645						0.2			
23	2.644	162.0	3,572	216.0	4,763	3,200.0	0.22			
24	2.851		,		,	,	0.21			
25	2.627	222.0	4,864	232.0	5,083	3,440.0	0.22	40,120.21		
26	3.015	251.0	6,311	324.0	8,147	,	0.22	57,589.9		
27	2.857	155.0	3,693	232.0	5,528		0.21	57,608.52		
28	2.926	170.0	4,148	208.0	5,076		0.21	57,601.5		
29	3.023		,		,		0.21	57,597.29		
30	3.972	86.0	2,849	344.0	11,396	2,955.0	0.22	57,604.45		
31			,		,	,		,		
Avg	2.744	218	4,877	295	6,762	3,082	0	51,154		
Max	3.972	354	7,599	476	11,624	3,440	0	57,609		

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 Pa. C.S. § 4904 (relating to unsworn falsification).

11.74

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	10/15/2024



- 1 Enter Facility Name, Muncipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- **2** For **Influent**, enter daily average <u>Influent</u> 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). BOD<sub>5</sub> and TSS loads are automatically calculated if Influent Flow and concentration values are entered. 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; total daily Sludge Wasted (removed from biological treatment), in gallons, for all treatment system types; Return Activated Sludge (RAS) Rate (in million gallons per day) for aerobic biological treatment systems; and Recirculation (Recirc) Rate (in million gallons per day) for fixed media biological treatment systems. 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, DEP License No. (if applicable), and date the form was completed after reading the certification statement.



Facility Name:	Dover Township STP		Month: November Year: 2024	
Municipality:	Conewago Township	County: York	NPDES Permit No.:	
Watershed:	7-F	<del></del>	Renewal application due 180 days prior to expiration.	
			This permit will expire on: June 30, 2022	

			Influent					Process Control	
Day	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)	
1	2.488					3,510.0	0.21	57,662.54	
2	2.514	174.0	3,648	272.0	5,703		0.21	20,294.39	
3	2.539						0.22		
4	2.458	317.0	6,498	264.0	5,412	4,035.0	0.21		
5	2.494						0.21		
6	2.422	262.0	5,292	296.0	5,979	3,940.0	0.2		
7	2.421	307.0	6,199	428.0	8,642		0.21	23,550.37	
8	2.419	259.0	5,225	428.0	8,635	3,620.0	0.22	57,596.59	
9	2.441	325.0	6,616	472.0	9,609		0.21	57,596.1	
10	2.615						0.21	57,586.97	
11	2.688						0.22	57,610.8	
12	2.457	207.0	4,242	292.0	5,983	4,725.0	0.21	15,833.09	
13	2.474	188.0	3,879	312.0	6,438		0.22		
14	2.55	354.0	7,529	384.0	8,167	3,660.0	0.21		
15	2.473	262.0	5,404	416.0	8,580		0.21	28,237.63	
16	2.476	229.0	4,729	340.0	7,021		0.21	57,601.89	
17	2.664						0.21	57,597.8	
18	2.462	272.0	5,585	253.0	5,195	3,935.0	0.2	57,604.54	
19	2.493	265.0	5,510	332.0	6,903		0.2	57,590.29	
20	2.535	286.0	6,047	288.0	6,089	3,705.0	0.2	57,602.85	
21	2.909						0.21	57,600.21	
22	2.933	167.0	4,085	232.0	5,675	3,645.0	0.21	27,552.32	
23	3.036	155.0	3,925	220.0	5,570		0.21		
24	2.77						0.2		
25	2.595	265.0	5,735	244.0	5,281	3,845.0	0.2		
26	2.545	196.0	4,160	164.0	3,481		0.2		
27	2.697	392.0	8,817	168.0	3,779	3,995.0	0.2	38,290.75	
28	3.883	266.0	8,614	244.0	7,902		0.2	57,619.11	
29	3.161						0.2	57,582.96	1
30	2.836	160.0	3,784	140.0	3,311		0.2	57,605.33	1
31									
Avg	2.648	253	5,501	295	6,350	3,874	0	48,011	
Max	3.883	392	8,817	472	9,609	4,725	0	57,663	

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 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By:	Christian L. Jordan	l ""	License No.:	S17213
Title:	Superintendent		Date:	12/23/2024



- 1 Enter Facility Name, Muncipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- **2** For **Influent**, enter daily average <u>Influent</u> 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). BOD<sub>5</sub> and TSS loads are automatically calculated if Influent Flow and concentration values are entered. 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; total daily Sludge Wasted (removed from biological treatment), in gallons, for all treatment system types; Return Activated Sludge (RAS) Rate (in million gallons per day) for aerobic biological treatment systems; and Recirculation (Recirc) Rate (in million gallons per day) for fixed media biological treatment systems. 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, DEP License No. (if applicable), and date the form was completed after reading the certification statement.



Facility Name:	Dover Township STP		Month: <b>December</b>	Year:	2024
Municipality:	Conewago Township	County: York	NPDES Permit No.:	<u> </u>	•
Watershed:	7-F	<del></del>	Renewal application due 180 days price	or to expiration.	
	· · · · · · · · · · · · · · · · · · ·		This permit will expire on: June 30	), 2022	

l <del></del> -							-		
			Influent					Process Control	
	Flow	BOD <sub>5</sub>	BOD <sub>5</sub>	TSS	TSS	Aeration MLSS	Aeration DO	Sludge Wasted	
Day	(MGD)	(mg/l)	(lbs)	(mg/l)	(lbs)	(mg/l)	(mg/l)	(gallons)	
1	2.76						0.2	57,600.24	
2	2.598	243.0	5,265	212.0	4,593	4,360.0	0.22	57,590.0	
3	2.441	497.0	10,118	176.0	3,583		0.2	72,952.37	
4	2.283	438.0	8,340	428.0	8,149	3,820.0	0.24	86,336.84	
5	2.253					3,825.0	0.23	86,452.2	
6	2.141	320.0	5,714	352.0	6,285		0.27	86,406.54	
7	2.375	363.0	7,190	264.0	5,229		0.25	86,407.41	
8	2.391			1,276.0	25,445		0.25	86,392.68	
9	2.343	328.0	6,409	300.0	5,862	3,570.0	0.25	86,401.34	
10	2.312						0.25	70,928.54	
11	5.107	497.0	21,168	276.0	11,755	3,690.0	0.25	57,606.46	
12	6.279	178.0	9,321				0.13	57,599.35	
13	4.107	224.0	7,673	304.0	10,413	3,560.0	0.1	30,037.86	
14	3.3	241.0	6,633	184.0	5,064		0.2		
15	2.889						0.26		
16	3.578	189.0	5,640	140.0	4,178	3,825.0	0.26	29,316.45	
17	3.186	271.0	7,201	176.0	4,677		0.26	74,128.07	
18	2.886	167.0	4,020	272.0	6,547		0.26	86,404.87	
19	3.037	155.0	3,926	160.0	4,053	3,645.0	0.27	86,392.4	
20	2.989						0.27	70,233.11	
21	3.087	213.0	5,484	208.0	5,355		0.26	57,587.14	
22	2.978						0.27	57,605.43	
23	2.612	328.0	7,145	340.0	7,407	3,685.0	0.27	28,826.87	
24	2.69	329.0	7,381	308.0	6,910		0.26		
25	2.436						0.25	43,365.56	
26	2.551	296.0	6,298	360.0	7,659	4,100.0	0.26	57,598.74	
27	2.509	259.0	5,420	304.0	6,361		0.25	74,578.59	
28	3.107	233.0	6,038	364.0	9,432		0.25	86,405.71	
29	3.042						0.26	86,401.04	
30	3.06	122.0	3,113	160.0	4,083	3,550.0	0.26	86,390.91	
31	3.06		· · · · · · · · · · · · · · · · · · ·			·	0.25	86,406.95	
Avg	2.98	281	7,119	313	7,288	3,785	0	69,084	
Max	6.279	497	21,168	1,276	25,445	4,360	0	86,452	

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 Pa. C.S. § 4904 (relating to unsworn falsification).

11.74

Prepared By:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	1/24/2025



- 1 Enter Facility Name, Muncipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
- **2** For **Influent**, enter daily average <u>Influent</u> 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). BOD<sub>5</sub> and TSS loads are automatically calculated if Influent Flow and concentration values are entered. 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; total daily Sludge Wasted (removed from biological treatment), in gallons, for all treatment system types; Return Activated Sludge (RAS) Rate (in million gallons per day) for aerobic biological treatment systems; and Recirculation (Recirc) Rate (in million gallons per day) for fixed media biological treatment systems. 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, DEP License No. (if applicable), and date the form was completed after reading the certification statement.



## CHESAPEAKE BAY SUPPLEMENTAL REPORT **ANNUAL NUTRIENT MONITORING**

✓ Continuous Discharge

Facility Name:	Dover Twp STP	
Municipality:	Conewago Township	County: York

Watershed: 7-F

TN Cap Load (lbs): 146,117 TN Delivery Ratio: 0.543

Sewage Industrial Waste Compliance Year:

2024

Outfall:

001

NPDES Permit No.: PA0020826 This permit will expire on: June 30, 2022

TP Cap Load (lbs): 19,482 TP Delivery Ratio: 0.185

															-						
	FLOW		Total Phos	sporu				NH <sub>3</sub> -I			T	KN			NO <sub>2</sub> +N	NO₃ as			Total Nit	rogen	
Sample Date	MGD	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day	Q	mg/L	Q	lbs/day
10/1/23	3.425																				
10/2/23	3.137		1.697		44.4		0.059		1.5		0.79		20.7		4.37		114.3		5.16		135.0
10/3/23	3.009		1.074		27.0		0.022		0.6		1.1		27.6		3.63		91.1		4.73		118.7
10/4/23	2.822																				
10/5/23	2.816		0.945		22.2		0.03		0.7		1.11		26.1		4.5		105.7		5.61		131.8
10/6/23	2.652		0.969		21.4		0.028		0.6		1.26		27.9		5.0		110.6		6.26		138.5
10/7/23	2.357		1.034		20.3		0.042		8.0		1.25		24.6		5.41		106.3		6.66		130.9
10/8/23	2.94																				
10/9/23	2.805																				
10/10/23	2.816		0.638		15.0		0.059		1.4		1.42		33.3		4.26		100.0		5.68		133.4
10/11/23	2.766		0.433		10.0		0.038		0.9		0.89		20.5		4.32		99.7		5.21		120.2
10/12/23	2.779		0.535		12.4		0.037		0.9		1.28		29.7		5.23		121.2		6.51		150.9
10/13/23	2.731		1.036		23.6		0.039		0.9		1.2		27.3		6.78		154.4		7.98		181.8
10/14/23	3.996		1.519		50.6		0.122		4.1		1.06		35.3		6.53		217.6		7.59		252.9
10/15/23	6.438																				
10/16/23	3.796		1.29		40.8		2.475		78.4		3.44		108.9		0.72		22.8		4.16		131.7
10/17/23	3.774																				
10/18/23	3.989		0.319		10.6		0.09		3.0		0.8		26.6		2.27		75.5		3.07		102.1
10/19/23	3.604		0.467		14.0		0.04		1.2		0.76		22.8		2.81		84.5		3.57		107.3
10/20/23	3.35		0.662		18.5		0.04		1.1		0.68		19.0		3.92		109.5		4.60		128.5
10/21/23	3.283		0.801		21.9		0.047		1.3		0.74		20.3		4.37		119.7		5.11		139.9
10/22/23	3.372																				
10/23/23	3.336		0.776		21.6		0.186		5.2		0.95		26.4		3.54		98.5		4.49		124.9
10/24/23	3.083		0.384		9.9		0.07		1.8		0.65		16.7		2.85		73.3		3.50		90.0
10/25/23	3.035		0.306		7.7		0.052		1.3		0.68		17.2		3.41		86.3		4.09		103.5
10/26/23	3.927																				
10/27/23	2.828		0.596		14.1		0.116		2.7		0.69		16.3		4.19		98.8		4.88		115.1
10/28/23	2.734		0.714		16.3		0.087		2.0		0.8		18.2		4.55		103.7		5.35		122.0
10/29/23	2.402																				
10/30/23	2.96																				
10/31/23	3.004		0.368		9.2		0.082		2.1		0.8		20.0		3.37		84.4		4.17		104.5
11/1/23	2.911		0.279		6.8		0.045		1.1		0.67		16.3		3.81		92.5		4.48		108.8
11/2/23	2.75		0.457		10.5		0.039		0.9		0.84		19.3		4.88		111.9		5.72		131.2
11/3/23	2.782		0.69		16.0		0.034		0.8		0.71		16.5		5.08		117.9		5.79		134.3
11/4/23	2.815		0.744		17.5		0.081		1.9		0.91		21.4		4.32		101.4		5.23		122.8
11/5/23	3.061																				
11/6/23	2.802		0.869		20.3		0.57		13.3		1.38		32.2		3.04	l	71.0		4.42		103.3
11/7/23	2.684		0.397		8.9		0.187		4.2		0.98		21.9		2.68		60.0		3.66		81.9
11/8/23	2.717		0.251		5.7		0.051		1.2		0.77		17.4		2.67		60.5		3.44		77.9
11/9/23	2.705		0.267		6.0		0.072		1.6		0.86		19.4		3.39	l	76.5		4.25		95.9
11/10/23	2.777																				
11/11/23	2.844		0.362		8.6		0.079		1.9		0.91		21.6		4.13		98.0		5.04		119.5
11/12/23	2.987																				
11/13/23	2.785		0.708		16.4		0.908		21.1		1.8		41.8		3.45		80.1		5.25		121.9
11/14/23	2.755		0.527		12.1		1.319		30.3		2.34		53.8		2.74		63.0		5.08		116.7
									1			_					1				

115532   2.591														1					
1117232   2.751   0.26		2.691																	
1119622   2.863   0.09	11/16/23	2.755	0.21		4.8		0.052		1.2		1.07		24.6	4.58	105.2		5.65		129.8
1116223   0.003   1.8   0.008   1.9   0.9   20.4   5.7   122.1   6.60   149.4   112(223   0.599   11.8   0.008   1.9   0.9   20.4   2.53   5.33   160.6   6.17   185.9   112(223   0.12   0.009   11.1   0.046   1.4   0.64   2.53   5.33   160.6   6.17   185.9   112(223   0.12   0.17   0.17   0.18   0.17   0.18   0.17   0.18   0.17   0.18   0.17   0.18   0.17   0.18   0.17   0.18   0.17   0.18   0.17   0.18   0.17   0.18   0.17   0.18   0.17   0.18   0.17   0.18   0.17   0.18   0.18   0.17   0.18   0.18   0.17   0.18	11/17/23	2.751	0.26		6.0		0.03		0.7		1.09		25.0	5.39	123.7		6.48		148.7
11/20/23   2.715   0.019	11/18/23	2.853	0.39		9.3		0.032		0.8		0.89		21.2	6.13	145.9		7.02		167.0
11/20/23   2.715   0.019	11/19/23	3.003																	
111/21/23   3-012			0.519		11.8		0.086		1.9		0.9		20.4	5.7	129.1		6.60		149.4
11/22/23   9.13   2.792   212.6   0.975   74.2   7.28   55.3   3.68   280.2   10.96   834.5   11/24/24   3.383   0.075   16.1   1.238   34.7   2.24   0.28   1.04   46.0   3.88   10.88   10.88   11/24/24   3.383   0.075   1.015   3.1   0.063   1.4   0.68   17.4   2.2   1.4   2.3   1.4   2.8   78.8   10.88   11/24/24   3.381   0.015   3.312   0.016   0.063   1.4   0.68   17.4   2.2   0.016   0.4   0.016   0.74   0.02   0.016											ļ								
1172/223   3.383   0.575   15.1   1.288   34.7   2.24   62.8   1.94   46.0   3.88   108.8   1175/23   3.202   0.116   3.1   0.053   1.4   0.065   17.4   2.3   61.4   2.25   78.8   1175/23   3.202   0.116   3.7   0.068   1.6   0.74   20.2   3.18   88.4   3.90   105.6   1175/23   3.012   0.140   3.7   0.068   1.6   0.74   20.2   3.18   88.4   3.90   105.6   1175/23   3.012   0.140   3.7   0.068   1.6   0.74   0.65   1.5   3.90   67.6   3.08   0.24   1.126/23   3.011   0.160   4.5   0.016   0.4   0.6   15.5   3.90   67.4   3.90   102.9   1.126/23   3.011   0.160   4.5   0.016   0.4   0.6   15.5   3.90   67.4   3.90   102.9   1.20																			
1174/223   3.898			2.132		212.0		0.973		14.2		7.20		334.3	3.00	200.2		10.90		034.3
11/26/23   3.202			0.575		40.4		4.000		24.7		0.04		00.0	4.04	40.0		2.00		400.0
11/26/23   3.372																			
11/27/23   3.77			0.115		3.1		0.053		1.4		0.65		17.4	2.3	61.4		2.95		78.8
1172823   3.091   0.149   3.7   0.038   0.0   0.4   0.6   15.5   3.39   87.4   3.39   10.29   1170023   2.896   0.186   4.5   0.016   0.4   0.64   15.5   4.45   0.107.6   5.09   112.00   112																			
11/20/23   3.091   0.129   3.3   0.016   0.4   0.66   15.5   3.39   87.4   3.39   102.0     11/30/23   3.098   0.186   4.5   0.016   0.4   0.664   15.5   4.49   107.5   5.09   123.0     12/23   3.038   0.05   1.4   0.016   0.4   0.67   19.9   5.81   157.1   0.51   170.0     12/23   3.038   0.05   1.4   0.016   0.4   0.77   19.9   5.81   157.1   0.51   170.0     12/23   3.342   0.069   1.4   0.016   0.4   0.77   19.9   5.81   157.1   0.51   170.0     12/23   3.563   0.091   21.3   0.048   1.5   0.9   27.8   4.03   124.4   4.93   152.1     12/23   3.563   0.091   11.8   0.026   0.5   0.5   0.83   25.0   3.82   115.1   4.65   140.1     12/723   3.366   0.050   11.9   0.016   0.4   0.85   23.4   4.54   125.2   5.39   148.6     12/23   3.386   0.002   22.7   0.028   0.5   0.68   19.3   5.46   155.3   6.16   174.6     12/122   4.69   1.88   70.4   2.816   105.4   5.6   2.09.7   2.02   76.0   7.83   286.7     12/123   3.096   0.330   1.82   0.348   8.6   0.9   22.2   1.58   39.0   2.48   61.3     12/123   3.398   0.032   1.5   0.082   1.7   0.05   1.7   0.77   24.4   2.76   8.76   3.33   112.0     12/123   3.398   0.032   1.5   0.082   1.7   0.077   24.4   2.76   8.76   3.33   112.0     12/123   3.398   0.033   15.2   0.583   20.5   1.77   7.78   2.283   3.67   1.18   2.983   3.112   2.1123   3.398   0.032   1.5   0.082   1.7   1.7   0.05   1.7   0.77   2.44   2.76   8.76   3.33   112.0   2.21223   3.20   0.080   1.8   0.049   1.7   0.077   2.44   2.76   8.76   3.33   112.0   2.21223   3.26   0.080   1.8   0.049   1.8   0.049   1.1   0.000   1.1   0.000   1.1   0.000   1.1   0.000   1.1   0.000   1.1   0.000   1.1   0.000   1.1   0.000   0.000   1.1   0.000   0.000   1.1   0.000		3.277	0.172				0.058		1.6		0.74		20.2		86.4		3.90		
1130/23   2.888   0.188   4.5   0.016   0.4   0.64   15.5   0.45   15.7   1.5   0.9   12.20	11/28/23		0.149		3.7		0.038		1.0		0.67		16.8		75.6		3.68		92.4
120723   3.099	11/29/23	3.091	0.129		3.3		0.016		0.4		0.6		15.5	3.39	87.4		3.99		102.9
12/223   3.242   0.05	11/30/23	2.898	0.186		4.5		0.016		0.4		0.64		15.5	4.45	107.6		5.09		123.0
120/23	12/1/23	3.039																	
120/23	12/2/23	3.242	0.05		1.4	<	0.016	<	0.4		0.7		18.9	5.81	157.1		6.51		176.0
124/23   3.7   0.691   21.3   0.048   1.5   0.9   27.8   4.03   124.4   4.93   152.1     126/23   3.612   0.391   11.8   0.026   0.8   0.83   25.0   3.82   115.1   4.66   140.1     127/23   3.396   0.050   13.9   0.016   0.4   0.85   22.4   4.54   125.2   5.39   148.6     128/23   3.345   0.081   19.0   0.021   0.6   12.7   35.4   5.12   142.8   6.39   178.3     129/23   3.396   0.0802   22.7   0.028   0.8   0.8   0.8   19.3   5.48   155.3   6.16   174.6     129/23   3.398   0.802   22.7   0.028   0.8   0.8   0.8   19.3   5.48   155.3   6.16   174.6     121/23   4.39   0.488   1.8   0.39   0.8   1.8   0.7   0.7   0.8   1.8   0.7   0.7     121/23   4.49   1.88   70.4   2.816   105.4   5.6   2007.   2.03   7.60   7.63   2.85     121/23   3.896   0.231   7.3   0.052   1.7   0.07   22.4   2.76   3.9   0.8   4.8   0.348   8.8   0.9   22.2   1.58   3.90   2.48   813     121/23   3.8768   0.231   7.3   0.052   1.7   0.07   24.4   2.76   3.03   106.6   4.46   156.5     121/23   3.8768   2.291   0.92.8   1.007   325.7   7.41   2.503   3.67   1.47.2   11.48   3.713.5     121/23   3.564   0.6   21.7   1.765   64.7   3.09   11.0   2.44   2.99   7.8   3.89   103.8     122/223   3.105   0.6   0.8   1.8   0.304   8.1   0.9   24.0   2.99   7.8   3.89   103.8     122/223   3.105   0.6   0.8   1.8   0.304   8.1   0.9   24.0   2.99   7.8   3.89   103.8     122/223   3.105   0.6   0.18   4.2   0.439   10.9   1.15   28.6   2.54   63.1   3.69   91.7     122/23   3.366   0.068   1.8   0.304   8.1   0.9   24.0   2.99   7.8   3.89   103.8     122/223   3.105   0.068   1.8   0.304   8.1   0.9   2.40   2.99   7.8   3.89   103.8     122/223   3.105   0.068   1.8   0.304   8.1   0.9   2.40   2.99   7.8   3.89   103.8     122/223   3.106   0.6   0.6   0.7									-										
128/03   3.983			0.691		21.3		0.048		1.5		0.9		27.8	4.03	124 4		4.93		152 1
120/23   3.912   0.991   11.8   0.026   0.8   0.83   25.0   3.82   115.1   4.66   140.1     120/23   3.305   0.505   13.9   0.016   0.4   0.85   23.4   4.54   125.2   5.39   148.6     120/23   3.345   0.881   19.0   0.021   0.6   1.27   36.4   5.12   142.8   6.39   178.3     120/23   3.388   0.802   22.7   0.028   0.8   0.68   19.3   5.48   155.3   6.16   174.6     120/23   4.399   1.88   70.4   2.816   105.4   5.6   20.9.7   2.03   76.0   7.63   285.7     121/1223   4.49   1.58   70.4   2.816   105.4   5.6   20.9.7   2.03   76.0   7.63   285.7     121/123   3.907   0.336   8.7   0.704   18.2   19.8   51.1   1.66   42.9   3.64   94.0     121/123   3.806   0.231   7.3   0.052   1.7   0.77   24.4   2.76   87.6   3.53   112.0     121/123   3.806   0.231   7.3   0.052   1.7   0.77   24.4   2.76   87.6   3.53   112.0     121/123   3.876   2.791   90.28   1.007   325.7   7.81   2.526.3   3.67   1.187.2   11.48   3.713.5     121/123   3.876   2.791   90.28   1.007   325.7   7.81   2.526.3   3.67   1.187.2   11.48   3.713.5     121/123   3.504   0.693   1.37   74.2   2.772   150.1   3.13   19.5   2.67   144.6   5.80   314.1     122/123   3.20   0.068   1.8   0.304   8.1   0.9   24.0   2.99   79.8   3.89   103.8     122/123   3.20   0.068   1.8   0.304   8.1   0.9   24.0   2.99   79.8   3.89   103.8     122/123   3.20   0.068   1.8   0.304   8.1   0.9   24.0   2.99   79.8   3.89   103.8     122/123   3.20   0.068   1.8   0.304   8.1   0.9   24.0   2.99   79.8   3.89   103.8     122/123   3.20   0.068   1.8   0.126   3.3   0.71   15.4   3.45   89.4   4.6   10.78     122/123   3.20   0.068   1.8   0.126   3.3   0.71   15.4   3.45   89.4   4.6   10.78     122/123   3.20   0.068   1.8   0.126   3.3   0.71   15.4   3.45   89.4   4.6   10.78     122/123   3.20   0.068   1.8   0.126   3.3   0.71   15.4   3.45   89.4   4.6   10.78     122/123   3.20   0.068   1.8   0.126   3.3   0.71   15.4   3.45   89.4   4.6   10.78     122/123   3.20   0.068   1.8   0.126   3.3   0.71   15.4   3.45   89.4   4.6   10.78     122/123   3.20			0.001		21.0		0.010		1.0		0.0		27.0	1.00	121.1		1.00		102.1
121723   3.306   0.505   13.9   0.016   0.4   0.85   23.4   4.54   125.2   5.39   148.6   128.2   3.34   148.6   0.581   129.0   0.021   0.6   1.27   35.4   5.12   142.8   6.39   178.3   129.23   3.398   0.802   22.7   0.028   0.8   0.88   19.3   5.48   155.3   6.16   174.6   127023   4.399   127123   9.488   18.8   70.4   2.316   105.4   18.2   1.98   551.1   1.66   42.9   3.64   94.0   127123   3.597   0.336   5.7   0.704   18.2   1.98   551.1   1.66   42.9   3.64   94.0   127123   3.507   0.336   5.7   0.704   18.2   1.98   551.1   1.66   42.9   3.64   94.0   127123   3.507   0.336   4.8   0.348   8.6   0.9   22.2   1.58   3.90   2.48   61.3   127123   3.508   0.231   7.3   0.052   1.7   0.77   22.4   2.76   87.6   3.53   112.0   127123   4.763   4.718   0.433   15.2   0.583   20.5   1.42   50.0   3.03   106.6   4.45   166.5   127123   3.8766   2.791   902.8   1.007   325.7   7.81   2.562.3   3.67   1.187.2   1.148   5.23   3.504   1.37   3.713.5   1.20123   3.504   0.6   21.7   1.785   64.7   3.09   112.0   2.14   77.6   5.23   189.6   127223   3.2   0.069   1.8   0.304   8.1   0.9   2.40   2.29   7.98   3.89   10.38   10.38   10.2823   3.508			0.301		11 0		0.026		0.8		0.83		25.0	3 83	115.1		4.65		140.1
128/23   3.346   0.681   19.0   0.021   0.6   1.27   35.4   5.12   142.8   6.39   178.3     128/23   3.396   0.802   22.7   0.028   0.8   0.88   19.3   5.48   155.3   6.16   174.6     1211/23   4.399   1.88   70.4   2.816   105.4   5.6   209.7   2.03   76.0   7.63   285.7     1213/23   3.097   0.336   8.7   0.704   18.2   1.98   51.1   1.66   42.9   3.64   94.0     1214/23   3.097   0.336   8.7   0.704   18.2   1.98   51.1   1.66   42.9   3.64   94.0     1214/23   3.096   0.231   7.3   0.662   1.7   0.77   24.4   2.76   87.6   3.53   112.0     1214/23   3.096   0.231   7.3   0.662   1.7   0.77   24.4   2.76   87.6   3.53   112.0     1214/23   3.8766   2.791   902.8   1.007   325.7   7.81   2.526.3   3.67   1.187.2   11.48   3.713.5     1219/23   3.594   0.6   21.7   1.785   64.7   3.09   112.0   2.14   77.6   5.23   189.6     1221/23   3.304   0.6   21.7   1.785   64.7   3.09   112.0   2.14   77.6   5.23   189.6     1222/23   3.108   0.068   1.8   0.348   1.3   0.34   8.1   0.9   24.0   2.99   79.8   3.89   103.8     1228/23   3.108   0.068   1.8   0.126   3.3   10.3   1.15   2.86   2.54   63.1   3.69   91.7     1228/23   3.096   4.027   10.77   9.999   266.7   10.86   290.6   0.08   2.1   10.94   2.92.7     1228/23   3.086   4.027   10.77   9.999   266.7   10.86   290.6   0.08   2.1   10.94   2.92.7     1228/23   3.086   4.027   10.77   9.999   266.7   10.86   290.6   0.08   2.1   10.94   2.92.7     1228/23   3.086   4.027   10.77   9.999   266.7   10.86   290.6   0.08   2.1   10.94   2.92.7     1228/23   3.086   4.027   10.77   9.999   266.7   10.86   290.6   0.08   2.1   10.94   2.92.7     1228/24   2.33   0.305   9.0   5.988   135.8   6.69   152.4   3.44   78.4   10.13   2.908   10.81   10.84   2.97   10.89   2.90   10.81																			
12923   3.398   0.802   22.7   0.028   0.8   0.68   19.3   5.48   155.3   6.16   174.6     129123   4.49   1.88   70.4   2.816   105.4   5.6   209.7   2.03   76.0   7.63   285.7     129123   4.49   1.88   70.4   2.816   105.4   5.6   209.7   2.03   76.0   7.63   285.7     129123   3.097   0.336   8.7   0.704   18.2   1.98   51.1   1.66   42.9   3.64   94.0     1291423   2.962   0.196   4.8   0.348   8.6   0.9   22.2   1.58   39.0   2.48   61.3     1291423   3.806   0.231   7.3   0.052   1.7   0.77   24.4   2.76   87.6   35.3   112.0     1291423   3.806   0.231   7.3   0.052   1.7   0.77   24.4   2.76   87.6   35.3   112.0     1291423   3.876   2.791   902.8   1.007   326.7   7.81   2.505.3   3.67   1.187.2   11.48   3.713.5     129123   4.346   0.6   21.7   1.785   64.7   3.09   112.0   2.14   77.6   5.23   189.6     122123   3.304   0.66   21.7   1.785   64.7   3.09   112.0   2.14   77.6   5.23   189.6     122123   3.108   0.068   1.8   0.304   8.1   0.9   24.0   2.99   79.8   3.89   103.8     1222323   3.108   0.068   1.8   0.126   3.3   0.71   18.4   3.45   89.4   4.16   107.8     122823   3.845   0.662   21.2   1.485   47.6   2.46   7.56   2.56   2.56   3.00   3.03   3.03   3.03   3.00     122823   3.845   0.662   2.12   1.485   47.6   2.66   2.67   3.09   3.00     122823   3.845   0.662   2.12   1.485   47.6   2.66   2.67   3.00   3.00     122823   3.845   0.662   2.12   1.485   47.6   2.66   2.67   3.00   3.00     122823   3.845   0.662   2.12   1.485   47.6   2.66   2.67   3.00   3.00   3.00   3.00     123923   3.308   4.027   107.7   9.969   2.66.7   10.86   2.90.6   3.00   3																			
1211023																			
12/11/23   9.488			0.802		22.7		0.028		0.8		0.68		19.3	5.48	155.3		6.16		174.6
12/12/23																			
12/13/23   3.097   0.336   8.7   0.704   18.2   1.98   51.1   1.66   42.9   3.64   94.0     12/14/23   2.962   0.196   4.8   0.348   8.6   0.9   22.2   1.58   33.0   2.48   61.3     12/15/23   3.806   0.231   7.3   0.052   1.7   0.77   24.4   2.76   87.6   3.53   112.0     12/16/23   4.218   0.433   15.2   0.583   20.5   1.42   50.0   3.03   106.6   4.45   156.5     12/16/23   3.876   2.791   90.2 8   1.007   325.7   7.81   2.526.3   3.67   1.187.2   11.48   3.713.5     12/19/23   6.433   1.37   74.2   2.772   150.1   3.13   169.5   2.67   144.6   5.80   314.1     12/20/23   4.346   0.6   21.7   1.785   64.7   3.09   112.0   2.14   77.6   5.23   189.6     12/21/23   3.504   1.222/23   3.20   0.099   1.8   0.304   8.1   0.9   24.0   2.99   79.8   3.89   103.8     12/22/23   3.108   0.068   1.8   0.126   3.3   0.71   18.4   3.45   89.4   4.16   107.8     12/26/23   2.981   0.168   4.2   0.439   10.9   1.15   28.6   2.54   63.1   3.69   91.7     12/28/23   3.485   0.662   21.2   1.485   47.6   2.44   78.2   1.67   53.6   4.11   131.8     12/29/23   3.485   0.662   21.2   1.485   47.6   2.44   78.2   1.67   53.6   4.11   131.8     12/29/23   3.286   0.047   4.0   0.38   10.3   1.09   29.8   3.03   82.3   4.12   111.9     12/28/23   3.485   0.662   21.2   1.485   47.6   2.44   78.2   1.67   53.6   4.11   131.8     12/29/23   3.445   3.662   21.2   1.485   47.6   2.44   78.2   1.67   53.6   4.11   131.8     12/29/23   3.445   3.662   104.4   7.596   218.2   8.72   250.5   0.11   3.2   8.83   253.7     12/21/24   2.887   0.545   13.1   5.637   135.7   6.85   164.9   2.69   64.8   9.54   2.29.7     12/21/24   2.887   0.545   13.1   5.662   70.5   4.19   83.0   5.31   105.1   9.50   183.1     11/24   2.732   0.335   7.0   4.159   86.8   5.78   120.7   5.19   108.3   10.97   2.29.0     11/24   2.732   0.335   7.0   4.159   86.8   5.78   120.7   5.19   108.3   10.97   2.29.0     11/24   4.767   0.118   4.7   0.727   28.9   1.08   42.9   7.0   277.9   8.06   520.8     11/24   4.767   0.118   4.7   0.727   28.9   1.08   4																			
12/14/23   2.962   0.196	12/12/23		1.88								5.6		209.7	2.03					285.7
1215/23   3.806   0.231   7.3   0.052   1.7   0.77   24.4   2.76   87.6   3.53   112.0     1216/23   4.218   0.433   15.2   0.583   20.5   1.42   50.0   3.03   106.6   4.45   156.5     1217/23   4.763   2.5   1.20   2.50   2.50   2.50   2.50   3.03   106.6   4.45   156.5     1218/23   38.786   2.791   902.8   1.007   325.7   7.81   2.526.3   3.67   1.187.2   11.48   3.713.5     1219/23   3.894   1.37   74.2   2.772   150.1   3.13   169.5   2.67   144.6   5.80   314.1     1220/23   4.346   0.6   21.7   1.785   64.7   3.09   112.0   2.14   77.6   5.23   189.6     1221/23   3.504   1.8   0.304   8.1   0.9   24.0   2.99   79.8   3.89   103.8     12/23/23   3.108   0.069   1.8   0.304   8.1   0.9   24.0   2.99   79.8   3.89   103.8     12/23/23   3.066   1.8   0.126   3.3   0.71   18.4   3.45   89.4   4.16   107.8     12/25/23   3.066   1.2   1.2   1.485   47.6   2.44   78.2   1.67   53.6   4.11   131.8     12/28/23   3.208   4.027   107.7   9.989   266.7   10.86   290.6   0.08   2.1   10.94   292.7     12/23/23   3.018   1.3   3.018   1.3   1.3   1.3   1.3   1.3     12/23/23   3.208   4.027   107.7   9.989   266.7   10.86   290.6   0.08   2.1   10.94   292.7     12/21/23   3.208   4.027   107.7   9.989   266.7   10.86   290.6   0.08   2.1   10.94   292.7     12/24   2.887   0.545   13.1   5.637   135.7   6.85   164.9   2.69   64.8   9.54   229.7     1/24   2.287   0.395   9.0   5.958   135.8   6.69   152.4   3.44   78.4   10.13   230.8     1/24   2.297   0.395   9.0   5.958   135.8   6.69   152.4   3.44   78.4   10.13   230.8     1/24   2.297   0.395   9.0   5.958   135.8   6.69   152.4   3.44   78.4   10.13   230.8     1/24   2.297   0.395   9.0   5.958   135.8   6.69   152.4   3.44   78.4   10.13   230.8     1/24   2.297   0.395   9.0   5.958   135.8   6.69   152.4   3.44   78.4   10.13   230.8     1/24   2.297   0.395   9.0   5.958   135.8   6.69   152.4   3.44   78.4   10.13   230.8     1/24   2.297   0.395   9.0   5.958   135.8   6.69   152.4   3.44   78.4   10.13   230.8     1/24   2.297   0.395   9.0   5.9	12/13/23	3.097	0.336		8.7		0.704		18.2		1.98		51.1	1.66	42.9		3.64		94.0
12/16/23	12/14/23	2.962	0.196		4.8		0.348		8.6		0.9		22.2	1.58	39.0		2.48		61.3
12/17/23	12/15/23	3.806	0.231		7.3		0.052		1.7		0.77		24.4	2.76	87.6		3.53		112.0
12/17/23	12/16/23	4.218	0.433		15.2		0.583		20.5		1.42		50.0	3.03	106.6		4.45		156.5
12/18/23   38.786   2.791   902.8   1.007   325.7   7.81   2.526.3   3.67   1,187.2   11.48   3.713.5     12/19/23   4.346   0.6   6.493   1.37   74.2   2.772   150.1   3.13   169.5   2.67   144.6   5.80   314.1     12/21/23   3.504																			
12/19/23			2 791		902.8		1 007		325.7		7.81		2 526 3	3 67	1 187 2		11 48		3 713 5
12/20/23											ļ		· · · · · · · · · · · · · · · · · · ·						
12/21/23   3.504																			
12/22/23         3.2         0.069         1.8         0.304         8.1         0.9         24.0         2.99         79.8         3.89         103.8           12/23/23         3.108         0.068         1.8         0.126         3.3         0.71         18.4         3.45         89.4         4.16         107.8           12/25/23         3.066         1         0.439         10.9         1.15         28.6         2.54         63.1         3.69         91.7           12/25/23         3.845         0.662         0.147         4.0         0.38         10.3         1.09         29.6         3.03         82.3         4.12         111.9           12/28/23         3.845         0.662         2.1         1.485         47.6         2.24         78.2         1.67         53.6         4.11         131.8           12/29/23         3.445         3.632         104.4         7.596         218.2         8.72         250.5         0.11         3.2         8.83         253.7           12/30/23         3.208         4.027         107.7         9.969         266.7         10.86         290.6         0.08         2.1         10.94         292.7			0.0		21.7		1.703		04.7		3.03		112.0	2.14	77.0		5.25		109.0
12/23/23         3.108         0.068         1.8         0.126         3.3         0.71         18.4         3.45         89.4         4.16         107.8           12/24/23         3.065         0			0.060		1.0		0.204		0.1		0.0		24.0	2.00	70.0		2.00		102.0
12/24/23         3.105         3.066																			
12/25/23         3.066         0.168         4.2         0.439         10.9         1.15         28.6         2.54         63.1         3.69         91.7           12/27/23         3.256         0.147         4.0         0.38         10.3         1.09         29.6         3.03         82.3         4.12         111.9           12/28/23         3.845         0.662         21.2         1.485         47.6         2.44         78.2         1.67         53.6         4.11         131.8           12/29/23         3.445         3.632         104.4         7.596         218.2         8.72         250.5         0.11         3.2         8.83         253.7           12/30/23         3.208         4.027         107.7         9.969         266.7         10.86         290.6         0.08         2.1         10.94         292.7           12/31/23         3.018         10.7         9.969         266.7         10.86         290.6         0.08         2.1         10.94         292.7           1/2/24         2.887         0.545         13.1         5.637         135.7         6.85         164.9         2.69         64.8         9.54         229.7           1/3/			0.068		1.8		0.126		3.3		0.71		18.4	3.45	89.4		4.16		107.8
12/26/23         2.981         0.168         4.2         0.439         10.9         1.15         28.6         2.54         63.1         3.69         91.7           12/27/23         3.256         0.147         4.0         0.38         10.3         1.09         29.6         3.03         82.3         4.12         111.9           12/28/23         3.845         0.662         21.2         1.485         47.6         2.44         78.2         1.67         53.6         4.11         131.8           12/29/23         3.445         3.632         104.4         7.596         218.2         8.72         250.5         0.11         3.2         8.83         253.7           12/30/23         3.208         4.027         107.7         9.969         266.7         10.86         290.6         0.08         2.1         10.94         292.7           12/31/23         3.018         10.7         9.969         266.7         10.86         290.6         0.08         2.1         10.94         292.7           1/2/24         2.887         0.545         13.1         5.637         135.7         6.85         164.9         2.69         64.8         9.54         229.7           1/3/												1							
12/27/23         3.256         0.147         4.0         0.38         10.3         1.09         29.6         3.03         82.3         4.12         111.9           12/28/23         3.845         0.662         21.2         1.485         47.6         2.44         78.2         1.67         53.6         4.11         131.8           12/29/23         3.445         3.632         104.4         7.596         218.2         8.72         250.5         0.11         3.2         8.83         253.7           12/30/23         3.208         4.027         107.7         9.969         266.7         10.86         290.6         0.08         2.1         10.94         292.7           1/2/34/23         3.018         4.027         107.7         9.969         266.7         10.86         290.6         0.08         2.1         10.94         292.7           1/2/24         2.887         0.545         13.1         5.637         135.7         6.85         164.9         2.69         64.8         9.54         229.7           1/3/24         2.732         0.395         9.0         5.958         135.8         6.69         152.4         3.44         78.4         10.13         230.8 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><u> </u></td> <td></td>								<u> </u>											
12/28/23         3.845         0.662         21.2         1.485         47.6         2.44         78.2         1.67         53.6         4.11         131.8           12/29/23         3.445         3.632         104.4         7.596         218.2         8.72         250.5         0.11         3.2         8.83         253.7           12/30/23         3.208         4.027         107.7         9.969         266.7         10.86         290.6         0.08         2.1         10.94         292.7           12/31/23         3.018											ļ								
12/29/23         3.445         3.632         104.4         7.596         218.2         8.72         250.5         0.11         3.2         8.83         253.7           12/30/23         3.208         4.027         107.7         9.969         266.7         10.86         290.6         0.08         2.1         10.94         292.7           12/31/23         3.018<	12/27/23						0.38							3.03			4.12		
12/30/23       3.208       4.027       107.7       9.969       266.7       10.86       290.6       0.08       2.1       10.94       292.7         12/31/23       3.018       0.00 <td< td=""><td>12/28/23</td><td></td><td></td><td></td><td>21.2</td><td></td><td></td><td></td><td>47.6</td><td></td><td></td><td></td><td>78.2</td><td>1.67</td><td>53.6</td><td></td><td>4.11</td><td></td><td></td></td<>	12/28/23				21.2				47.6				78.2	1.67	53.6		4.11		
12/30/23       3.208       4.027       107.7       9.969       266.7       10.86       290.6       0.08       2.1       10.94       292.7         12/31/23       3.018       0.00 <td< td=""><td>12/29/23</td><td>3.445</td><td>3.632</td><td><u> </u></td><td>104.4</td><td></td><td>7.596</td><td></td><td>218.2</td><td></td><td>8.72</td><td></td><td>250.5</td><td>0.11</td><td> 3.2</td><td>L_ T</td><td>8.83</td><td> [</td><td>253.7</td></td<>	12/29/23	3.445	3.632	<u> </u>	104.4		7.596		218.2		8.72		250.5	0.11	 3.2	L_ T	8.83	[	253.7
1/1/24         2.914         0.545         13.1         5.637         135.7         6.85         164.9         2.69         64.8         9.54         229.7           1/3/24         2.732         0.395         9.0         5.958         135.8         6.69         152.4         3.44         78.4         10.13         230.8           1/4/24         2.503         0.333         7.0         4.159         86.8         5.78         120.7         5.19         108.3         10.97         229.0           1/5/24         2.374         0.359         7.1         3.562         70.5         4.19         83.0         5.31         105.1         9.50         188.1           1/6/24         2.667         0.183         4.1         3.936         87.5         4.1         91.2         6.51         144.8         10.61         236.0           1/8/24         4.76         0.118         4.7         0.727         28.9         1.08         42.9         7.0         277.9         8.08         320.8           1/9/24         10.189         0.103         8.8          0.016         1.4         0.67         56.9         5.71         485.2         6.38         542.1	12/30/23	3.208	4.027		107.7		9.969		266.7		10.86		290.6	0.08	2.1		10.94		
1/2/24         2.887         0.545         13.1         5.637         135.7         6.85         164.9         2.69         64.8         9.54         229.7           1/3/24         2.732         0.395         9.0         5.958         135.8         6.69         152.4         3.44         78.4         10.13         230.8           1/4/24         2.503         0.333         7.0         4.159         86.8         5.78         120.7         5.19         108.3         10.97         229.0           1/5/24         2.374         0.359         7.1         3.562         70.5         4.19         83.0         5.31         105.1         9.50         188.1           1/6/24         2.667         0.183         4.1         3.936         87.5         4.1         91.2         6.51         144.8         10.61         236.0           1/8/24         4.76         0.118         4.7         0.727         28.9         1.08         42.9         7.0         277.9         8.08         320.8           1/9/24         10.189         0.103         8.8          0.016         1.4         0.67         56.9         5.71         485.2         6.38         542.1	12/31/23	3.018											-						
1/2/24         2.887         0.545         13.1         5.637         135.7         6.85         164.9         2.69         64.8         9.54         229.7           1/3/24         2.732         0.395         9.0         5.958         135.8         6.69         152.4         3.44         78.4         10.13         230.8           1/4/24         2.503         0.333         7.0         4.159         86.8         5.78         120.7         5.19         108.3         10.97         229.0           1/5/24         2.374         0.359         7.1         3.562         70.5         4.19         83.0         5.31         105.1         9.50         188.1           1/6/24         2.667         0.183         4.1         3.936         87.5         4.1         91.2         6.51         144.8         10.61         236.0           1/8/24         4.76         0.118         4.7         0.727         28.9         1.08         42.9         7.0         277.9         8.08         320.8           1/9/24         10.189         0.103         8.8          0.016         1.4         0.67         56.9         5.71         485.2         6.38         542.1	1/1/24	2.914																	
1/3/24         2.732         0.395         9.0         5.958         135.8         6.69         152.4         3.44         78.4         10.13         230.8           1/4/24         2.503         0.333         7.0         4.159         86.8         5.78         120.7         5.19         108.3         10.97         229.0           1/5/24         2.374         0.359         7.1         3.562         70.5         4.19         83.0         5.31         105.1         9.50         188.1           1/6/24         2.667         0.183         4.1         3.936         87.5         4.1         91.2         6.51         144.8         10.61         236.0           1/8/24         4.76         0.118         4.7         0.727         28.9         1.08         42.9         7.0         277.9         8.08         320.8           1/9/24         10.189         0.103         8.8         < 0.016			0.545		13.1		5.637		135.7		6.85		164.9	2.69	64.8		9.54		229.7
1/4/24         2.503         0.333         7.0         4.159         86.8         5.78         120.7         5.19         108.3         10.97         229.0           1/5/24         2.374         0.359         7.1         3.562         70.5         4.19         83.0         5.31         105.1         9.50         188.1           1/6/24         2.667         0.183         4.1         3.936         87.5         4.1         91.2         6.51         144.8         10.61         236.0           1/7/24         4.707         4.76         0.118         4.7         0.727         28.9         1.08         42.9         7.0         277.9         8.08         320.8           1/9/24         10.189         0.103         8.8         < 0.016																			
1/5/24     2.374     0.359     7.1     3.562     70.5     4.19     83.0     5.31     105.1     9.50     188.1       1/6/24     2.667     0.183     4.1     3.936     87.5     4.1     91.2     6.51     144.8     10.61     236.0       1/7/24     4.707     4.707     4.70     4.7																			
1/6/24     2.667     0.183     4.1     3.936     87.5     4.1     91.2     6.51     144.8     10.61     236.0       1/7/24     4.707     0.118     4.7     0.727     28.9     1.08     42.9     7.0     277.9     8.08     320.8       1/9/24     10.189     0.103     8.8     0.016     1.4     0.67     56.9     5.71     485.2     6.38     542.1												1							
1/7/24     4.707       1/8/24     4.76     0.118     4.7     0.727     28.9     1.08     42.9     7.0     277.9     8.08     320.8       1/9/24     10.189     0.103     8.8     < 0.016																			
1/8/24     4.76     0.118     4.7     0.727     28.9     1.08     42.9     7.0     277.9     8.08     320.8       1/9/24     10.189     0.103     8.8     < 0.016			0.163		4.1		3.930		07.0		4.1		91.2	0.51	144.0		10.01		230.0
1/9/24 10.189 0.103 8.8 < 0.016 < 1.4 0.67 56.9 5.71 485.2 6.38 542.1			0.440		4.7		0.707		00.0		4.00	-	40.0	7.0	077.0		0.00		200.0
								<u> </u>		1									
1/10//24 13:295			0.103		8.8	<	0.016	<	1.4		0.67	1	56.9	5.71	485.2		6.38		542.1
	1/10/24	13.295						<u> </u>											

												ı		ı						
1/11/24	5.951	0.319		15.8		0.874		43.4		1.67		82.9		3.97		197.0		5.64		279.9
1/12/24	4.726	0.274		10.8		0.14		5.5		1.04		41.0		5.41		213.2		6.45		254.2
1/13/24	6.546	0.25		13.6		0.152		8.3		0.54		29.5		6.31		344.5		6.85		374.0
1/14/24	5.122																			
1/15/24	4.083																			
1/16/24	3.632	0.428		13.0		0.074		2.2		0.56		17.0		6.45		195.4		7.01		212.3
1/17/24	3.263	0.495		13.5		0.024		0.7	<	0.17	<	4.6		7.08		192.7	<	7.25	<	197.3
1/18/24	3.313	0.512		14.1		0.025		0.7	<	0.17	<	4.7		8.01		221.3	<	8.18	<	226.0
1/19/24	3.021	0.605		15.2		0.019		0.5	<	0.17	<	4.3		8.49		213.9	<	8.66	<	218.2
1/20/24	2.893	0.839		20.2	<	0.016	<	0.4	<	0.17	\ \	4.1		9.19		221.7	<	9.36	<	225.8
1/21/24	2.869	0.059		20.2	`	0.010	_	0.4		0.17	,	4.1		9.19		221.1		9.30		223.0
		4.000		00.0		0.004		0.7		0.40		4.0	-	40.40		000.4		40.05		000.0
1/22/24	2.672	1.209		26.9		0.031		0.7		0.19		4.2		10.16		226.4		10.35	-	230.6
1/23/24	2.462																			
1/24/24	2.767	1.445		33.3	<	0.016	<	0.4	<	0.17	<	3.9		10.35		238.8	<	10.52	<	242.8
1/25/24	4.373	1.523		55.5	<	0.016	<	0.6	<	0.17	<	6.2		9.74		355.2	<	9.91	<	361.4
1/26/24	5.96	1.243		61.8		0.017		0.8		0.46		22.9		8.37		416.0		8.83		438.9
1/27/24	4.945	1.055		43.5		1.092		45.0		1.78		73.4		3.23		133.2		5.01		206.6
1/28/24	8.699																			
1/29/24	7.117	1.191		70.7		2.265		134.4		3.26		193.5		2.23		132.4		5.49		325.9
1/30/24	5.495																			
1/31/24	4.582	0.343		13.1		1.201		45.9		1.68		64.2	ĺ	1.71		65.3		3.39		129.5
2/1/24	3.877	0.369		11.9		1.266		40.9		1.75		56.6		2.29		74.0		4.04		130.6
2/2/24	3.683	0.276		8.5		0.394		12.1		0.9		27.6		3.5		107.5		4.40		135.2
2/3/24	3.37	0.347		9.8		0.05		1.4		0.68		19.1		3.26		91.6		3.94		110.7
2/4/24	3.149	0.017		0.0		0.00		1.1		0.00		10.1		0.20		01.0		0.01		110.7
2/5/24	2.993	0.66		16.5		0.162		4.0		0.73		18.2		3.12		77.9		3.85	-	96.1
2/6/24	2.993	0.74		17.9		0.102		4.0		0.73		16.9		4.4						123.3
			-													106.4		5.10	-	
2/7/24	2.919	0.756		18.4		0.218		5.3		0.74		18.0	-	4.7		114.4		5.44		132.4
2/8/24	2.874	0.801		19.2		0.2		4.8		0.37		8.9		5.09		122.0		5.46	-	130.9
2/9/24	3.14																		-	
2/10/24	3.78	0.775		24.4		0.028		0.9		0.44		13.9		5.33		168.0		5.77		181.9
2/11/24	4.108																			
2/12/24	3.878																			
2/13/24	5.171	0.601		25.9		0.016		0.7		0.68		29.3		3.9		168.2		4.58		197.5
2/14/24	5.189	1.923		83.2		3.369		145.8		4.22		182.6		3.76		162.7		7.98		345.3
2/15/24	4.679	1.321		51.5		3.621		141.3		4.26		166.2		3.94		153.8		8.20		320.0
2/16/24	4.516	0.622		23.4		1.781		67.1		2.65		99.8		2.84		107.0		5.49		206.8
2/17/24	4.612	1.245		47.9		0.167		6.4		0.63		24.2		7.81		300.4		8.44		324.6
2/18/24	4.247																			
2/19/24	3.798	0.888		28.1		0.016		0.5		0.42		13.3		6.61		209.4		7.03		222.7
2/20/24	3.418	0.836		23.8		0.016		0.5		0.56		16.0		6.6		188.1		7.16		204.1
2/21/24	3.072																			
2/22/24	3.237	0.902		24.4		0.191		5.2		0.38		10.3		6.21		167.6		6.59	+	177.9
2/23/24	4.086	0.804		27.4		0.107		3.6		0.58		19.8		5.2		177.2		5.78	$\vdash$	197.0
2/24/24	4.433	0.773		28.6		0.107		0.6		0.36				4.65		171.9		5.12	$\vdash$	189.3
2/25/24	3.916	0.113		20.0		0.017		0.0		0.47		17.4		7.00		111.0		0.12	$\vdash$	100.0
		1.044		29.9		0.452		4.4		0.6		17.0		4.50		120.6		E 40	$\vdash$	146.7
2/26/24	3.43	1.044				0.153		4.4		0.6		17.2		4.53		129.6	<b>-</b>	5.13	$\vdash \vdash \vdash$	146.7
2/27/24	3.211	1.295	-	34.7		0.021		0.6		0.21		5.6		5.9	<b> </b>	158.0	<b> </b>	6.11	<b>  </b>	163.6
2/28/24	2.935	1.796	-	44.0		0.016		0.4		0.34		8.3		6.28	<b> </b>	153.7	<b> </b>	6.62	<b>  </b>	162.0
2/29/24	3.044																			
3/1/24	2.881	2.026		48.7	<	0.016	<	0.4		1.35		32.4		5.79		139.1		7.14		171.6
3/2/24	4.784	1.902		75.9		0.022		0.9		0.86		34.3		6.06		241.8		6.92		276.1
3/3/24	4.689																			
3/4/24	3.822	1.347		42.9		0.048		1.5		0.67		21.4		4.2		133.9		4.87		155.2
3/5/24	3.959																			
3/6/24	3.842	1.956		62.7		0.023		0.7	<	0.17	<	5.4		9.43		302.2	<	9.60	<	307.6
3/7/24	3.893	1.878		61.0	<	0.016	<	0.5	<	0.17	<	5.5		8.74		283.8	<	8.91	<	289.3
			1				•		-		1		1				•			

2/0/24	2.406	1 500		46.0		0.016	1 .	0.5		0.17		4.0	0.40	226.4	1 . 1	0.00	1 . 1	244.0
3/8/24	3.486	1.589		46.2	<	0.016	<	0.5	<	0.17	<	4.9	8.12	236.1	<	8.29	<	241.0
3/9/24	5.784	1.448		69.8		0.023		1.1	<	0.17	<	8.2	7.94	383.0	<	8.11	<	391.2
3/10/24	9.266						-								-			
3/11/24	6.521	1.301		70.8		1.72		93.5		4.1		223.0	1.58	85.9		5.68		308.9
3/12/24	5.27	0.471		20.7		0.563		24.7		1.31		57.6	2.83	124.4		4.14		182.0
3/13/24	4.218	0.308		10.8		0.016		0.6		1.04		36.6	4.51	158.7		5.55		195.2
3/14/24	3.631	0.351		10.6		0.169		5.1		0.79		23.9	5.57	168.7		6.36		192.6
3/15/24	3.385																	
3/16/24	3.252	0.373		10.1		0.225		6.1		0.37		10.0	4.59	124.5		4.96		134.5
3/17/24	3.29																	
3/18/24	3.149																	
3/19/24	2.921	0.764		18.6		0.984		24.0		1.98		48.2	3.01	73.3		4.99		121.6
3/20/24	2.853	0.657		15.6		0.475		11.3		1.18		28.1	4.25	101.1		5.43		129.2
3/21/24	3.124	0.776		20.2		0.248		6.5		1.13		29.4	4.62	120.4		5.75		149.8
3/22/24	3.64	0.842		25.6		0.271		8.2		1.09		33.1	4.65	141.2		5.74		174.3
3/23/24	5.784	0.901		43.5		0.079		3.8		0.9		43.4	6.17	297.6		7.07		341.0
3/24/24	4.737	0.501		40.0		0.073		0.0		0.5		40.4	0.17	257.0		7.07		041.0
3/25/24	3.584	0.517	<del>   </del>	15.5		0.363		10.9		1.61		48.1	2.09	62.5	1	3.70	+	110.6
3/26/24	3.262					0.363									1	3.70		
		0.43		11.7				0.6		0.84		22.9	2.88	78.4			$\vdash$	101.2
3/27/24	3.175	0.509		13.5	<	0.016	<	0.4		0.69		18.3	3.47	91.9		4.16		110.2
3/28/24	3.124	0.704	$\vdash$	18.3	<	0.016	<	0.4		1.18		30.7	3.97	103.4	1	5.15		134.2
3/29/24	3.063						-								-			
3/30/24	2.851	0.916		21.8	<	0.016	<	0.4		0.84		20.0	4.2	99.9		5.04		119.8
3/31/24	2.921																	
4/1/24	8.701	1.27		92.2		0.092		6.7		0.79		57.3	3.14	227.9		3.93		285.2
4/2/24	20.113	1.247		209.2		0.576		96.6		1.78		298.6	2.42	405.9		4.20		704.5
4/3/24	27.904																	
4/4/24	23.994	0.894		178.9		0.787		157.5		3.61		722.4	2.12	424.2		5.73		1,146.6
4/5/24	16.327	0.357		48.6		1.262		171.8		2.12		288.7	1.92	261.4		4.04		550.1
4/6/24	11.967	0.218		21.8		0.928		92.6		1.74		173.7	1.57	156.7		3.31		330.4
4/7/24	9.504																	
4/8/24	7.862	0.311		20.4		1.794		117.6		2.67		175.1	1.29	84.6		3.96		259.7
4/9/24	6.887																	
4/10/24	6.341	0.212		11.2		0.037		2.0		0.57		30.1	3.7	195.7		4.27		225.8
4/11/24	6.012	0.247		12.4		0.02		1.0		0.41		20.6	3.74	187.5		4.15		208.1
4/12/24	6.66	0.358		19.9		0.031		1.7		0.61		33.9	4.1	227.7		4.71		261.6
4/13/24	6.193	0.502		25.9		0.025		1.3		0.63		32.5	4.16	214.9		4.79		247.4
4/14/24	5.651	0.502		20.0		0.023		1.0		0.03		32.3	4.10	214.3		4.73		247.4
4/15/24	5.391	0.714	<del>                                     </del>	32.1		0.027	-	1.2		0.55		24.7	4.3	193.3		4.85		218.1
4/16/24	4.85	0.803	<del>                                     </del>	32.5		0.027	-	0.9		0.62		25.1	4.17	168.7		4.79		193.8
4/17/24	4.492	1.036	-	38.8	<	0.016	<	0.6		0.49		18.4	4.77	178.7	1	5.26	<del>├</del>	197.1
4/18/24	4.253	1.31	<del>                                     </del>	46.5	<	0.016	<	0.6		0.57		20.2	5.09	180.5		5.66	$\vdash$	200.8
4/19/24	4.146	4.674		50.0		0.010		0.0		0.0		00.0	0.07	000.1		0.07	$\vdash$	0.40.0
4/20/24	4.186	1.671		58.3	<	0.016	<	0.6		0.6		20.9	6.37	222.4		6.97	$\vdash$	243.3
4/21/24	4.077	4.6				0.515				0.55		401-				0		
4/22/24	3.606	1.874	$\vdash$	56.4	<	0.016	<	0.5		3.38		101.7	6.18	185.9		9.56		287.5
4/23/24	3.388																	
4/24/24	3.245	1.303		35.3		0.07		1.9		0.69		18.7	6.32	171.0		7.01		189.7
4/25/24	3.25	1.334		36.2	<	0.016	<	0.4		0.6		16.3	6.56	177.8		7.16		194.1
4/26/24	3.122	1.232		32.1	<	0.016	<	0.4		0.84		21.9	5.51	143.5		6.35		165.3
4/27/24	3.234	1.193		32.2	<	0.016	<	0.4		0.89		24.0	4.93	133.0		5.82		157.0
4/28/24	3.67																	
4/29/24	3.53	1.073		31.6		0.066		1.9		1.15		33.9	4.2	123.6		5.35		157.5
4/30/24	3.455	0.773		22.3		0.081		2.3		1.24		35.7	2.73	78.7		3.97		114.4
5/1/24	3.43	0.684		19.6		0.029		0.8		0.81		23.2	3.86	110.4		4.67		133.6
5/2/24	3.405																	
5/3/24	3.322	1.312		36.3		0.045		1.2		1.25		34.6	5.0	138.5		6.25		173.2
5,5/21	U.ULL		ı İ.	55.5		0.010	1			0	1	01.0	0.0	 .00.0		J0		

5/4/24	3.439		1.01		29.0		0.03		0.9		0.7	1	20.1	5.06		145.1	5.76	165.2
5/5/24	4.871		1.01		23.0		0.00		0.3		0.1		20.1	3.00		140.1	3.70	100.2
5/6/24	4.135		0.72		24.8		0.03		1.0		0.9		31.0	5.15		177.6	6.05	208.6
5/7/24	3.726		0.12		24.0		0.00		1.0		0.9		31.0	3.13		177.0	0.00	200.0
5/8/24	3.54		0.374		11.0		0.038		1.1		0.9		26.6	3.6		106.3	4.50	132.9
5/9/24	3.433		0.431		12.3		0.038		0.8		0.86		24.6	3.61		103.4	4.47	128.0
5/10/24	4.22		0.589		20.7		0.020		1.1		0.75		26.4	4.2		147.8	4.95	174.2
5/11/24	4.117		0.571		19.6		0.03		1.0		0.76		26.1	5.42		186.1	6.18	212.2
5/12/24	4.718		0.57 1		13.0		0.023		1.0		0.70	-	20.1	5.42	-	100.1	0.10	212.2
5/13/24	4.716		0.653		23.2		0.02		0.7		0.91		32.4	5.11		181.8	6.02	214.2
5/14/24	4.081		0.48		16.3		0.068		2.3		0.74	-	25.2	4.14	-	140.9	4.88	166.1
5/15/24	4.723		0.40		10.5		0.000		2.5	<u> </u>	0.74		25.2	4.14		140.9	4.00	100.1
5/16/24	4.723		0.407		14.6	<	0.016	<	0.6	<u> </u>	0.73		26.1	6.64		237.7	7.37	263.8
5/17/24	3.927		0.407		16.1	<	0.016	1 1	0.5	<u> </u>	0.73		22.3	3.39		111.0	4.07	133.3
5/18/24	4.091		0.492		19.2	<	0.016	<	0.5	<u> </u>	0.69		23.5	3.28		111.9	3.97	135.5
5/19/24	3.981		0.304		19.2	<	0.016	-	0.5		0.09		23.5	3.20		111.9	3.91	133.5
5/20/24	3.812		0.612		19.5	<	0.016	<	0.5		0.71		22.6	2.86		90.9	3.57	113.5
						<		_										
5/21/24 5/22/24	3.887 3.802	1	0.365		11.8		0.033		0.7		0.84		27.2	2.07		67.1	2.91 2.85	94.3
			0.295		9.4		0.023		0.7		0.67		21.2	2.18		69.1	2.00	90.4
5/23/24	3.752 3.624	1	0.506		15.3		0.022		1.0		0.77		22.2	2.62		70.2	3.39	100 F
5/24/24 5/25/24			0.506		19.6		0.033		1.0		0.77		23.3	2.62		79.2 94.5		102.5
	3.599		0.653		19.6		0.035		1.1		0.7		21.0	3.15		94.5	3.85	115.6
5/26/24 5/27/24	3.613 4.212																	
			0.504		40.0		0.04		4.0		0.00		07.0	0.44		70.0	0.00	404.0
5/28/24	3.762		0.534		16.8		0.04		1.3		0.88	1	27.6	2.44	1	76.6	3.32	104.2
5/29/24	3.508		0.429		12.6		0.061		1.8		0.84		24.6	3.54		103.6	4.38	128.1
5/30/24	3.521		1.388		40.8		0.038		1.1		0.53		15.6	6.97		204.7	7.50	220.2
5/31/24	3.462		1.845		53.3		0.036		1.0		0.7		20.2	6.51		188.0	7.21	208.2
6/1/24	3.51		1.872		54.8		0.036		1.1		0.68		19.9	6.58		192.6	7.26	212.5
6/2/24	3.496		4.505		40.0		0.044				0.00		00.4	4.44		440.0	F 40	440.0
6/3/24	3.16		1.525		40.2		0.041		1.1		0.99	1	26.1	4.41	1	116.2	5.40	142.3
6/4/24	3.16		0.97		25.6		0.063		1.7		0.81		21.3	3.22		84.9	4.03	106.2
6/5/24	3.604		0.772		23.2		0.062		1.9		0.8	1	24.0	2.87	1	86.3	3.67	110.3
6/6/24	3.98		0.993		33.0		0.067		2.2		0.98		32.5	3.15		104.6	4.13	137.1
6/7/24	3.439		0.70		00.0		0.040				0.40	1	00.0	0.00	1	00.0	0.05	404.0
6/8/24	3.429		0.73		20.9		0.048		1.4		3.46		98.9	2.89		82.6	6.35	181.6
6/9/24	3.374		0.04		04.0		0.05				0.00	1	04.0	4.00	1	445.4	F 40	440.0
6/10/24	3.24	-	0.81	-	21.9		0.05		1.4		0.92	-	24.9	4.26	-	115.1	5.18	140.0
6/11/24	3.137		0.6		15.7		0.095		2.5		1.14	1	29.8	3.82	1	99.9	4.96	129.8
6/12/24	3.128		0.502		13.1		0.056		1.5		0.93		24.3	3.35		87.4	4.28	111.7
6/13/24	3.158		0.400		40.0		0.054		4.4		1.0		22.7	4.00		100.0	F 00	420.0
6/14/24	3.112		0.493		12.8		0.054		1.4		1.3		33.7	4.09		106.2	5.39	139.9
6/15/24	3.053		0.543		13.8		0.056		1.4		1.04		26.5	4.2		106.9	5.24	133.4
6/16/24	3.106		0.047		45.0		0.054		4.4		4.05		07.0	4.40		445.0	5.54	440.0
6/17/24	3.079		0.617		15.8		0.054		1.4		1.05		27.0	4.49		115.3	5.54	142.3
6/18/24	2.972		0.000		04.0		0.055		4.4		0.00		04.0	4.05		440.5	F 00	405.4
6/19/24	3.047		0.839		21.3		0.055		1.4		0.98		24.9	4.35		110.5	5.33	135.4
6/20/24	3.045		1.517		38.5		0.057		1.4		0.98		24.9	4.44		112.8	5.42	137.6
6/21/24	3.025		1.655		41.8		0.056		1.4		0.98		24.7	4.44		112.0	5.42	136.7
6/22/24	3.112		1.594		41.4		0.142		3.7		1.04		27.0	3.63		94.2	4.67	121.2
6/23/24	3.12		0.045		00.0		0.000		0.0		0.00		00.0	0.70		07.0	0.05	00.0
6/24/24	2.951		0.945		23.3		0.083		2.0		0.92		22.6	2.73		67.2	3.65	 89.8
6/25/24	2.932		0.557		13.6		0.056		1.4		0.84		20.5	2.47		60.4	3.31	 80.9
6/26/24	3.025		0.574		44-		0.004		0.0		0.65	-	04.0	0.67	-	70.0	0.00	400.0
6/27/24	3.087		0.571		14.7		0.091		2.3		0.85		21.9	3.07		79.0	3.92	100.9
6/28/24	2.921		0.669		16.3		0.062		1.5		0.88		21.4	3.74		91.1	4.62	112.5
6/29/24	3.241		0.798		21.6		0.057		1.5		0.8		21.6	3.86		104.3	4.66	126.0

0/00/04	4.047										 Ţ		
6/30/24	4.217	0.504	4	2.247					2.24		0.74		1010
7/1/24	3.335	0.564	15.7	0.047	1.3	0.8		22.3	2.94	81.8	3.74		104.0
7/2/24	3.275	0.459	12.5	0.041	1.1	0.9		24.6	2.41	65.8	3.31		90.4
7/3/24	3.277	0.566	15.5	0.037	1.0	0.75		20.5	3.13	85.5	3.88		106.0
7/4/24	3.193												
7/5/24	3.143	1.152	30.2	0.058	1.5	0.81		21.2	4.5	118.0	5.31		139.2
7/6/24	3.023	0.875	22.1	0.056	1.4	0.77		19.4	4.83	121.8	5.60		141.2
7/7/24	3.123												
7/8/24	3.077	0.661	17.0	0.064	1.6	0.82		21.0	4.58	117.5	5.40		138.6
7/9/24	2.913	0.432	10.5	0.054	1.3	0.9		21.9	4.26	103.5	5.16		125.4
7/10/24	2.919	0.393	9.6	0.047	1.1	0.92		22.4	4.52	110.0	5.44		132.4
7/11/24	2.569												
7/12/24	2.534	1.978	41.8	0.045	1.0	0.21		4.4	10.52	222.3	10.73		226.8
7/13/24	2.658	3.355	74.4	0.044	1.0	0.17		3.8	12.39	274.7	12.56		278.4
7/14/24	2.793												
7/15/24	2.679												
7/16/24	2.615	1.602	34.9	0.068	1.5	0.87		19.0	5.34	116.5	6.21		135.4
7/17/24	2.825	1.101	25.9	0.062	1.5	1.4		33.0	4.86	114.5	6.26		147.5
7/18/24	3.166	1.2	31.7	0.088	2.3	1.03		27.2	5.43	143.4	6.46		170.6
7/19/24	2.814	0.892	20.9	0.048	1.1	0.82		19.2	5.48	128.6	6.30		147.9
7/20/24	2.812	1.002	23.5	0.027	0.6	0.79		18.5	5.49	128.8	6.28		147.3
7/21/24	2.85												
7/22/24	2.735	1.036	23.6	0.045	1.0	0.86		19.6	5.66	129.1	6.52		148.7
7/23/24	3.247	0.835	22.6	0.066	1.8	0.51		13.8	5.37	145.4	5.88		159.2
7/24/24	2.954	4.040				2 75			0.70	1010			400.0
7/25/24	2.899	1.842	44.5	0.093	2.2	0.75		18.1	6.79	164.2	7.54		182.3
7/26/24	2.833	2.168	51.2	0.071	1.7	0.65		15.4	7.45	176.0	8.10		191.4
7/27/24	2.894	1.911	46.1	0.062	1.5	0.36		8.7	6.97	168.2	7.33		176.9
7/28/24	2.967	4.405		0.074		0.00			2.00	4500			105.0
7/29/24	2.844	1.135	26.9	0.071	1.7	0.63		14.9	6.36	150.9	6.99		165.8
7/30/24	2.755	0.77		2 222		0.00		45.0	- 07	1010	0.00		450.4
7/31/24	2.707	0.77	17.4	0.093	2.1	0.69		15.6	5.97	134.8	6.66		150.4
8/1/24	2.717	0.817	18.5	0.069	1.6	0.72		16.3	6.33	143.4	7.05		159.8
8/2/24	2.712	1.036	23.4	0.071	1.6	1.15		26.0	6.46	146.1	7.61		172.1
8/3/24	2.761	1.201	27.7	0.078	1.8	0.59		13.6	6.61	152.2	7.20		165.8
8/4/24	3.052	0.000	00.5	0.050	4.4	0.07		45.7	0.50	450.7	7.40		400.4
8/5/24	2.809	0.962	22.5	0.058	1.4	0.67		15.7	6.52	152.7	7.19		168.4
8/6/24	4.099	4.75	400.0	4.007	400.0	2.05		200 5	2.0	207.0	7.55		
8/7/24 8/8/24	8.852 4.946	1.75	129.2 27.7	1.887	139.3	3.65		269.5	3.9 1.7	287.9 70.1	7.55		557.4
		0.671	37.1	0.787	32.5 5.6	1.61		66.4 82.7		222.7	3.31 3.14		136.5
8/9/24 8/10/24	11.66 8.525	0.382 1.991	141.6	0.058 1.617	115.0	0.85 2.78		197.7	2.29 2.71	192.7	5.49	-+	305.3 390.3
8/11/24	6.186	1.991	141.0	1.017	110.0	2.10		181.1	2.11	134.1	3.48		390.3
8/12/24	5.088	0.198	8.4	0.05	2.1	0.75		31.8	2.63	111.6	3.38	-	143.4
	4.354	0.190	0.4	0.05	2.1	0.75		31.0	2.03	111.0	3.30	-	143.4
8/13/24 8/14/24	3.912	1.314	42.9	0.035	1.1	0.8		26.1	4.19	136.7	4.99	-	162.8
8/15/24	3.912	1.603	48.6	0.035	0.8	0.8		18.5	5.42	136.7	6.03	-	182.9
8/16/24	3.464	1.709	49.4	0.026	0.8	0.61		17.6	5.42	145.9	5.66	-+	163.5
8/17/24	3.632	1.501	45.5	0.028	0.8	0.61		22.1	4.88	145.9	5.61	-+	169.9
8/18/24	3.877	1.301	40.0	0.020	0.0	0.73		ZZ. I	4.00	147.0	3.01	-+	8.601
8/19/24	3.57	0.74	22.0	0.044	1.3	0.87		25.9	3.67	109.3	4.54	-	135.2
8/20/24	3.352	0.406	11.4	0.074	2.1	0.63		17.6	2.87	80.2	3.50	-+	97.8
8/21/24	3.211	0.318	8.5	0.053	1.4	0.03		20.9	3.38	90.5	4.16	-	111.4
8/22/24	3.096	0.446	11.5	0.033	1.2	0.76		19.6	4.77	123.2	5.53	-+	142.8
8/23/24	2.971	0.440	11.0	0.040	1.2	0.70		13.0	7.77	120.2	0.00	-+	172.0
8/24/24	3.083	1.293	33.2	0.045	1.2	0.45		11.6	6.3	162.0	6.75	-+	173.6
8/25/24	3.142	1.233	33.2	0.043	1.2	0.40		11.0	0.3	102.0	0.73	-+	173.0
0/23/24	J. 14Z											1	

8/26/24	2.803		1.076	25.2		0.056		1.3		0.66		15.4		5.6	130.9		6.26		146.3
8/27/24	2.756		0.562	12.9		0.062		1.4		0.67		15.4		4.41	101.4		5.08		116.8
8/28/24	2.797																		
8/29/24	2.797		0.728	17.0		0.032		0.7		0.54		12.6		5.99	139.7		6.53		152.3
8/30/24	2.713		0.99	22.4		0.03		0.7		0.51		11.5		6.46	146.2		6.97		157.7
8/31/24	2.778		1.151	26.7		0.016		0.4		0.4		9.3		6.81	157.8		7.21		167.0
9/1/24	2.835																		
9/2/24	2.928		1.217	29.7		0.026		0.6		0.49		12.0		7.22	176.3		7.71		188.3
9/3/24	2.728		1.034	23.5		0.029		0.7		0.68		15.5		5.9	134.2		6.58		149.7
9/4/24	2.656																		
9/5/24	2.647		0.685	15.1		0.037		0.8		0.8		17.7		5.77	127.4		6.57		145.0
9/6/24	2.597		1.125	24.4		0.023		0.5		0.4		8.7		6.89	149.2		7.29		157.9
9/7/24	2.82		1.62	38.1		0.024		0.6		0.39		9.2		7.16	168.4		7.55		177.6
9/8/24	2.974																		
9/9/24	2.732		1.699	38.7		0.035		0.8		2.79		63.6		5.37	122.4		8.16		185.9
9/10/24	2.711		1.03	23.3		0.077		1.7		0.81		18.3		3.93	88.9		4.74		107.2
9/11/24	2.644		0.808	17.8		0.062		1.4		0.76		16.8		4.27	94.2		5.03		110.9
9/12/24	2.583		0.871	18.8		0.063		1.4		0.93		20.0		4.68	100.8		5.61		120.9
9/13/24	2.546																		
9/14/24	2.638		1.023	22.5		0.069		1.5		0.81		17.8		5.52	121.4		6.33		139.3
9/15/24	2.764																		
9/16/24	2.574		1.021	21.9		0.082		1.8		0.77		16.5		6.06	130.1		6.83		146.6
9/17/24	2.544		0.7	14.9		0.068		1.4		0.77		16.3		5.17	109.7		5.94		126.0
9/18/24	2.563																		
9/19/24	2.42		0.971	19.6		0.088		1.8		0.71		14.3		5.97	120.5		6.68		134.8
9/20/24	2.401		0.88	17.6		0.081		1.6		0.77		15.4		5.81	116.3		6.58		131.8
9/21/24	2.46		0.56	11.5		0.072		1.5		0.87		17.8		4.33	88.8		5.20		106.7
9/22/24	2.645																		
9/23/24	2.644		0.593	13.1		0.09		2.0		0.97		21.4		4.04	89.1		5.01		110.5
9/24/24	2.851																		
9/25/24	2.627		0.41	9.0		0.064		1.4		0.82		18.0		4.48	98.2		5.30		116.1
9/26/24	3.015		0.695	17.5		0.052		1.3		0.78		19.6		5.26	132.3		6.04		151.9
9/27/24	2.857		0.981	23.4		0.044		1.0		0.48		11.4		6.9	164.4		7.38		175.8
9/28/24	2.926		1.181	28.8		0.041		1.0		0.4		9.8		6.75	164.7		7.15		174.5
9/29/24	3.023																		
9/30/24	3.972		1.29	42.7		0.034		1.1		0.67		22.2		6.34	210.0		7.01		232.2
Avg	4.005		0.865	31	<	0.3958	<	15.9	<	1.21	<	52.3		4.58	142.3	<	5.79	<	194.6
A	nnual Total N	Mass Loa	ds (lbs):	11336			<	5828			<	19146	I		52077			<	71222

No P Credits Generated N Credits Generated: 746

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:	Christian L. Jordan	License No.:	S17219
Title:	Superintendent	Date:	10/22/2024

Version 2.2, 10/15/2020



## CHESAPEAKE BAY SUPPLEMENTAL REPORT ANNUAL NUTRIENT BUDGET

Facility Name:	Dover Twp STP		Compliance Year:	2024	Outfall:	001
Municipality:	Conewago Township	County: York	NPDES Permit No.:	PA0020826		
Watershed:	7-F	<u> </u>	This permit will expire of	n: <b>June 30</b> ,	2022	

Were Credits Purchased During Compliance Year?
Were Credits Sold During Compliance Year?
No
Were Offsets Generated During Compliance Year?
No

TN Delivery Ratio: 0.543
TP Delivery Ratio: 0.185

### SUMMARY

Annual Total Mass Load (lbs) Lbs from Credits Purchased Lbs from Credits Sold Lbs from Offsets Generated Annual Net Mass Load (lbs) Cap Load (lbs)

TN	TP
< 71222	11,336
0	0
0	0
0	0
< 71222	11,336
146,117	19,482

Compliance Compliance

(Annual Total Mass Load + Lbs from Credits Sold - Lbs from Credits Purchased - Offsets)

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:Christian L. JordanLicense No.:\$17219Title:SuperintendentDate:10/22/2024



## INSTRUCTIONS FOR COMPLETING ANNUAL CHESAPEAKE BAY SPREADSHEET

The Annual Chesapeake Bay Spreadsheet is intended to replace all prior forms of supplemental reporting for facilities with "cap loads" in NPDES permits, and is required by DEP's Nutrient Trading Program if a facility intends to generate nutrient credits. Attach this completed spreadsheet to the Annual DMR due by November 28th each year. Cells that are available for data entry are highlighted in yellow throughout the spreadsheet; all other cells are locked. The spreadsheet is formatted to allow users to hit the Tab key to move between editable cells. For questions concerning this spreadsheet, contact DEP at (717) 787-2137.

#### ANNUAL NUTRIENT MONITORING WORKSHEET

- Continuous Discharge Checkbox By default this box is checked. DO NOT UNCHECK this box unless there is no (0) discharge from the outfall for an entire day during the Compliance Year. Flow values must be entered every day if the Continuous Discharge Checkbox is not checked (if the Continuous Discharge Checkbox is checked, flow may only be reported on days in which samples were collected). If there is any day in which there is no discharge, un-check this box and enter a flow of "0" into the appropriate cell in the table. When this box is not checked, the spreadsheet calculates Monthly and Annual T he actual number of days in which there is a discharge > 0, rather than assuming there is a discharge every day.
- 2 Header Information Enter Facility Name, Muncipality, County, Watershed No., NPDES Permit No., Outfall No., and Permit Expiration Date. Select Compliance Year from the drop-down list. Enter the TN and TP Delivery Ratios for the facility Delivery Ratios are found in the Phase 2 WIP Wastewater Supplement, available on DEP's website at <a href="https://www.dep.pa.gov/npdes-bay">www.dep.pa.gov/npdes-bay</a>. Enter cap loads (Annual Net Mass Load limits) for TN and TP from the NPDES permit. If the selected outfall discharges industrial waste instead of sewage, select the radio button for "Industrial Waste". Note that when Industrial Waste is selected, nutrient credit calculations are disabled and the Credits Sold table on the Nutrient Budget worksheet becomes disabled.
- 3 Enter the average daily effluent Flow, in million gallons per day (MGD) and nutrient parameter concentrations (mg/L) for the entire Compliance Year. Enter results exactly as received from the laboratory. The worksheet will automatically calculate the daily loading (lbs/day) for all parameters and Total Nitrogen concentrations (in blue). If no monitoring data are available for the day, leave the row blank. Use the drop-down list in the "Q" (Qualifier) column to select the less than symbol ("<") for any result reported as "non-detect."
- 4 Average annual concentrations and mass loadings are automatically calculated. Daily concentrations for Total Nitrogen are computed by summing the concentrations for TKN and NO<sub>2</sub> + NO<sub>3</sub> as N.

Annual Total Mass Loads (lbs/yr) for TN and TP are calculated and shown at the bottom of the table. **Prior to the end of the Compliance Year, the value displayed is an estimate based on the data entered thus far.** In addition, if TP and/or TN credits were generated, the amount of credits that may be verified and registered by DEP are shown. The formula for calculating credit values is contained within DEP's Phase II WIP Wastewater Supplement (see <a href="https://www.dep.pa.gov/npdes-bay">www.dep.pa.gov/npdes-bay</a>).

**NOTE** - The sum of Monthly Total Mass Loads will generally not match the Annual Total Mass Load because of how the calculations are performed. Monthly Total statistics consider the number of days in the month, and loads associated with longer months are weighted more heavily than loads associated with shorter months. Annual Total statistics consider the number of days in the year and smooth the variability in the number of days in each month. However, both statistics are appropriate for the type of DMR associated with the statistics - Monthly Totals for monthly DMRs and Annual Totals for annual DMRs.

5 Enter the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

Below the form is a table of Monthly Total Mass Loads and Average Monthly Concentrations that is calculated upon entry of flow and nutrient concentrations. These calculated loads and concentrations may be used to report required data on Monthly DMRs.

#### ANNUAL NUTRIENT BUDGET WORKSHEET

- 1 Most header information is automatically populated when entered on the Annual Nutrient Monitoring sheet. Answer each question concerning whether credits were purchased or sold or offsets were generated during the compliance year by selecting "Yes" or "No" from the drop-down menus. If "Yes" is selected, a corresponding table is made available for data entry.
- Use the tables "Credits Purchased" and "Credits Sold" to report all credits that were purchased and sold, respectively during the Compliance Year AND Truing Period (Oct 1 Nov 28). Select the Credit Type ("Nitrogen" or "Phosphorus"), and enter the Registry Number, Contract Effective Date, DEP Approval Date (date of DEP's letter or email registering credits), and the number of credits purchased or sold during the Compliance Year. Each purchase or sale transaction should be reported on a separate line. Credits purchased and sold are adjusted by dividing the credits by the TN/TP Delivery Ratio (entered on the Annual Nutrient Monitoring sheet). Click the box for "Add Rows" if additional lines are needed to report credits purchased or sold.
- 3 Use the table "Offsets" to report all offsets for the Compliance Year. Select the Offset Type ("Nitrogen" or "Phosphorus"), the Source of Offsets and enter the number of offsets claimed (lbs). For septage (only septage, not holding tank or other hauled in wastes), divide the total gallons of septage received by 1,000 and multiply by 3 to determine the total amount (lbs) of offsets to report in the Offsets table. Enter the DEP Approval Date for the Offsets and the method of the approval. For Offsets identified and approved in permits, list the date of permit issuance, otherwise list the date of written DEP approval.

A summary table is provided to allow tracking of a facility's compliance with cap loads.

4 Enter the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

DOVER TOWNSHIP 2024 CHAPTER 94 REPORT

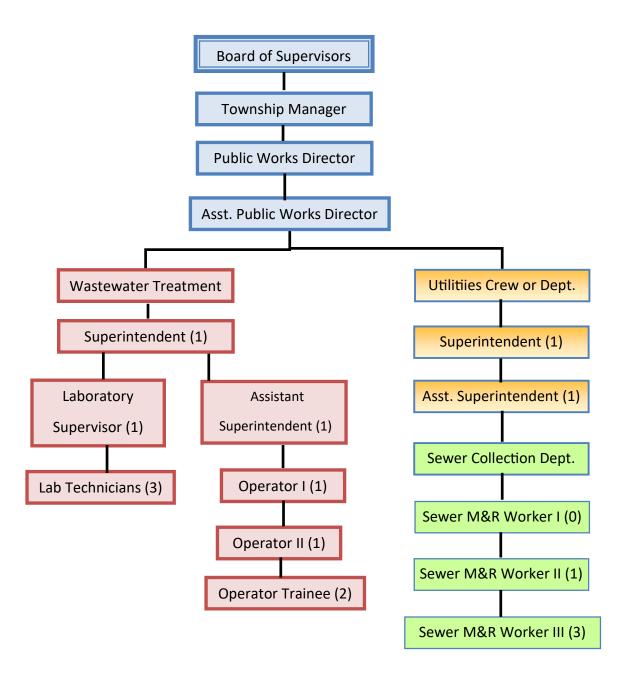
## **EDU CONNECTED FOR NUTRIENT CREDITS\***

Year	Manchester Twp	West Manchester Township	Conewago Township	Dover Township
2003	4	0	19	0
2004	0	0	13	0
2005	0	0	1	5
2006	2	2	0	3
2007	8	2	1	0
2008	1	0	0	3
2009	11	1	0	0
2010	23	0	1	0
2011	1	0	0	0
2012	2	0	1	0
2013	0	0	0	0
2014	0	0	0	0
2015	0	1	0	0
2016	0	0	0	0
2017	0	0	0	0
2018	0	0	0	0
2019	0	0	0	0
2020	0	0	0	0
2021	0	0	0	0
2022	0	0	0	0
2023	0	0	0	0
2024	0	0	0	5

<sup>\*</sup>Number of septic tanks permanently decommissioned and EDU then connected to sewer system.

**ORGANIZATIONAL CHART: 2024** 

(#) = Number of employees



DOVER TOWNSHIP 2024 CHAPTER 94 REPORT

## Wastewater Treatment Plant Certified Operators

NAME	PA DEP ID#	CLASS	ISSUED	EXPIRATION
Christian Jordan	293816	A,E 1,4	4/1/2024	3/31/2027
Chase Billet	359042	A,E 1,2,3,4	4/1/2024	3/31/2027
Ryan Gentzler	267278	A 1,5	10/1/2023	9/30/2026
Beverly Root	267285	A 1	10/1/2023	9/30/2026
Tom Holdsworth	267280	A,E 1	10/1/2024	9/30/2027
Joel Chronister	358207	B,E 1,2,3,4	4/1/2023	3/31/2026
Aaron Laird	299287	A,E 1	10/1/2023	9/30/2026

# 2024 ORGANIC OVERLOAD NARATIVE

There was no organic overload in 2024 as demonstrated in the Chapter 94 spreadsheet.

## Instructions for Using DEP Chapter 94 Spreadsheet

This spreadsheet has been developed by the Pennsylvania Department of Environmental Protection (PADEP) to provide consistency in the presentation of existing and projected hydraulic and organic loads for treatment plants for annual municipal wasteload management (Chapter 94) reports due March 31 annually. The spreadsheet contains one data entry worksheet named "Treatment Plants." The "Hydraulic Graph" and "Organic Graph" worksheets are developed automatically from the data into the "Treatment Plants" worksheet. Cells with **green borders** are those where data are requested. All other cells are locked. Questions on the use of this spreadsheet should be directed to PADEP's Bureau of Clean Water at 717-787-2137. **Note** - You must enable Macros to use this spreadsheet. This spreadsheet has been tested using Excel versions 2007 and above.

### **Treatment Plants Worksheet**

- 1 Enter the Facility Name and Permit No. Select the Reporting Year from the drop-down menu. The "Persons/EDU" field is used to estimate per capita hydraulic and organic contributions; by default the value is 3.5 but may be modified.
- Enter the Existing Hydraulic Design Capacity, in MGD, and the Existing Organic Design Capacity, in lbs BOD5/day, from the WQM permit for the treatment plant as of December 31 of the Reporting Year. If an upgrade is planned that would increase the hydraulic design capacity and/or organic design capacity in the next 5 years, select "YES" from the drop-down menu(s) and select the Year of the planned upgrade from the menu. Then enter the Future Hydraulic Design Capacity, in MGD, and/or Future Organic Design Capacity, in lbs BOD5/day. If an upgrade is not planned in the next 5 years, all fields in this section may remain blank except Existing Hydraulic/Organic Design Capacity.
- Record the Monthly Average Flows (MGD) and Monthly Average (Influent) BOD5 Loads (lbs/day) for the past 5 years in the tables provided.
- 4 Enter the existing equivalent dwelling units (EDUs) for each of the past 5 years.
- 5 Enter additional EDUs that are planned for connection to the treatment plant over the next 5 years.
- For "New EDU Flow" and "New EDU Load," the user may accept the calculated values or overwrite them with other projected Flow/EDU and/or Load/EDU data. The default calculation is the average Flow/EDU and Load/EDU values for the past 5 years. If the cells for Existing EDUs are left blank, the calculation assumes 350 GPD/EDU x No. EDUs for New EDU Flow and 0.584 lbs/day/EDU x No. EDUs for New EDU Load.

Upon entry of data in all green bordered cells, calculations are made and existing ("Exist.") and projected ("Proj.") overload conditions are determined ("YES" or "NO"). The worksheets named "Hydraulic Graph" and "Organic Graph" are populated in accordance with the data entered.

Optionally users may enter total monthly precipitation data at the bottom of the Treatment Plants worksheet to chart precipitation along with hydraulic loads. By default the precipitation data are not shown on the Hydraulic Graph; to enable the data on the graph click the "YES" button above the precipitation data entry table. You may click on the "NO" button at any time to hide precipitation data.

Mouse over cells with **red corners** \( \screen \) view comments and explanations on how calculations are performed.

Click on the NEW button if you would like to shift data in the hydraulic, organic, and precipitation tables one column to the left in preparation for a new year of reporting.



### PADEP Chapter 94 Spreadsheet **Sewage Treatment Plants**

Reporting Year: 2024

Dover Township STP Facility Name:

PA0020826 Permit No.:

Persons/EDU: 3.5

**Existing Hydraulic Design Capacity:** Upgrade Planned in Next 5 Years? Future Hydraulic Design Capacity:

8 MGD NO MGD

Year:

**Existing Organic Design Capacity:** Upgrade Planned in Next 5 Years? **Future Organic Design Capacity:** 

12,460 NO

Monthly Average BOD5 Loads for Past Five Years (lbs/day)

lbs BOD5/day Year: lbs BOD5/day

Monthly	Average	Flows	for	Past	Five	Years	(MGD

	WOII	illy Average i	TOWS TOT FAST	rive rears (r	VIGD)
Month	2020	2021	2022	2023	2024
January	4.832	4.564	3.921	2.952	4.63
February	4.627	5.645	4.785	1.962	3.709
March	4.052	5.916	3.931	3.081	4.005
April	4.058	4.133	4.595	3.281	7.534
May	4.245	3.186	5.123	2.846	3.88
June	3.066	2.909	2.511	1.613	3.229
July	2.511	2.591	2.204	1.684	2.917
August	4.263	4.524	2.188	2.282	4.047
September	2.782	9.031	2.213	3.111	2.744
October	2.523	3.271	2.703	3.192	2.676
November	3.248	3.436	2.708	3.172	2.648
December	5.801	2.582	3.317	4.972	2.98
Annual Avg	3.834	4.316	3.35	2.846	3.75
Max 3-Mo Avg	4.504	5.609	4.55	3.779	5.14
lax : Avg Ratio	1.17	1.30	1.36	1.33	1.37
Existing EDUs	14,629.0	14,781.0	14,954.0	15,061.0	15,206.0

Month
January
February
March
April
May
June
July
August
September
October
November
December

	2020	2021	2022	2023	2024
	4,070	5,829	5,890	3,024	3,584
	4,424	6,267	5,684	2,956	3,145
	4,537	5,062	4,347	3,878	3,388
	3,743	5,070	4,181	4,298	5,715
	4,000	4,610	4,336	3,560	5,665
	3,987	4,199	3,588	2,855	5,856
	3,583	3,490	3,817	2,546	5,256
	4,200	4,813	3,426	3,869	5,982
	4,047	4,698	3,122	4,802	4,877
	4,379	4,324	3,222	5,309	5,185
	4,587	4,494	4,171	5,500	5,501
	5,993	5,445	3,922	4,641	7,119
	4,296	4,858	4,142	3,937	5,106
	5,993	6,267	5,890	5,500	7,119
io	1 40	1 29	1 42	1 40	1 39

Max 3-Mo Avg	4.504	5.609	4.55	3.779	5.14
Max : Avg Ratio	1.17	1.30	1.36	1.33	1.37
Existing EDUs	14,629.0	14,781.0	14,954.0	15,061.0	15,206.0
Flow/EDU (GPD)	262.1	292.0	224.0	189.0	246.6
Flow/Capita (GPD)	74.9	83.4	64.0	54.0	70.5
Exist. Overload?	NO	NO	NO	NO	NO

xist. Overload?	NO	NO	NO	NO	NO
Load/Capita	0.084	0.094	0.079	0.075	0.096
Load/EDU	0.294	0.329	0.277	0.261	0.336
Existing EDUs	14,629	14,781	14,954	15,061	15,206
Max : Avg Ratio	1.40	1.29	1.42	1.40	1.39
Max Mo Avg	5,993	6,267	5,890	5,500	7,119
Annual Avg	4,296	4,858	4,142	3,937	5,106

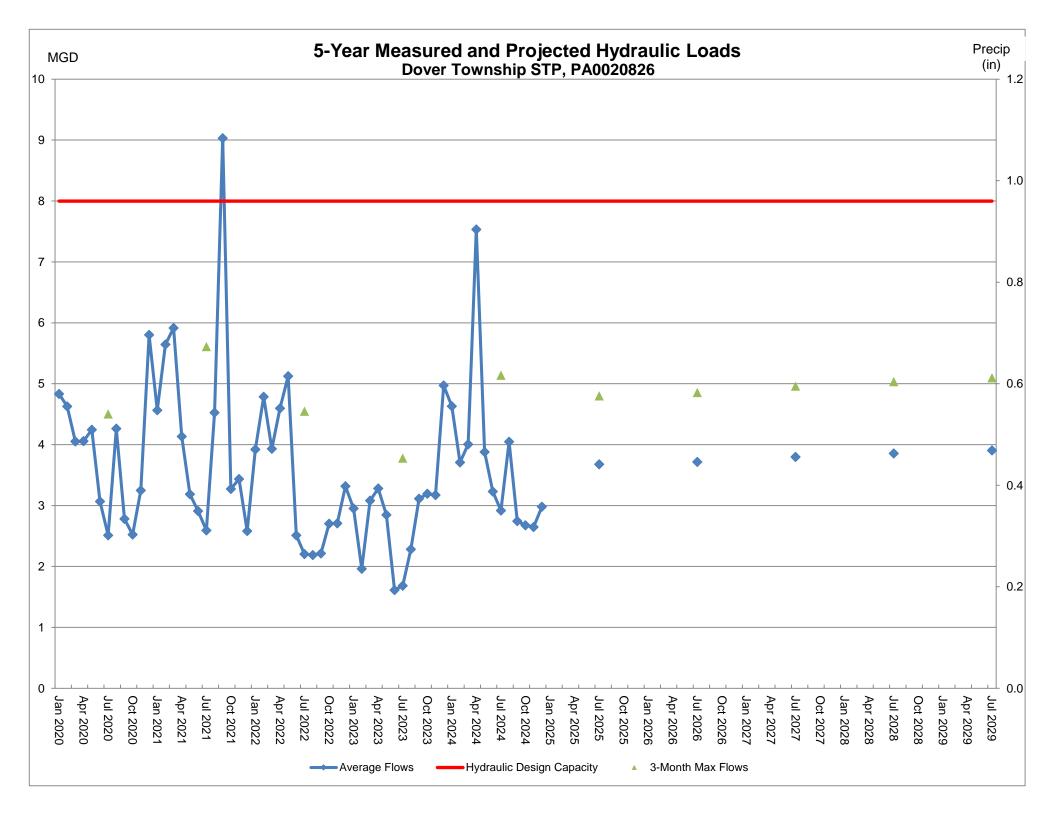
	2025	2026	2027	2028	2029
New EDUs	234.0	167.0	332.0	241.0	199.0
New EDU Flow	0.0568	0.0405	0.0806	0.0585	0.0483
Proj. Annual Avg	3.676	3.7165	3.7971	3.8556	3.9039
Proj. Max 3-Mo Avg	4.802	4.855	4.96	5.036	5.099
Proj. Overload?	NO	NO	NO	NO	NO

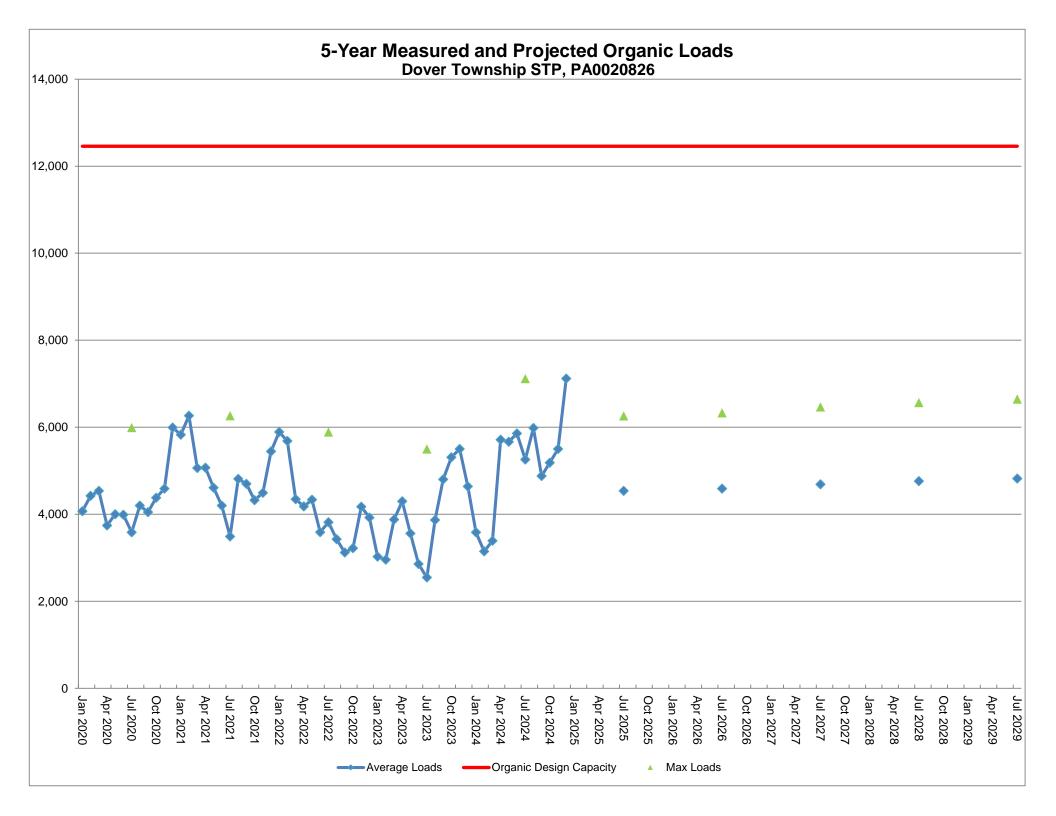
	Projec	cted BOD5 Lo	ads for Next I	-ive Years (lb	s/day)
	2025	2026	2027	2028	2029
New EDUs	234	167	332	241	199
New EDU Load	70.036	49.983	99.368	72.132	59.561
Proj. Annual Avg	4,538	4,588	4,687	4,759	4,819
Proj. Max Avg	6,261	6,330	6,467	6,566	6,648
Proj. Overload?	NO	NO	NO	NO	NO

Show Precipitation Data on Hydraulic Graph?

#### Total Monthly Precipitation for Past Five Years (Inches)

	- Total IVI	Total monthly i recipitation for rast rive rears (mones)								
Month	2020	2021	2022	2023	2024					
January	3.27	1.67	2.405	2.39	4.63					
February	2.44	3.62	2.32	1.04	2.41					
March	3.58	2.55	2.25	2.81	3.73					
April	4.08	1.9	3.1	4.75	4.0					
May	2.53	3.24	6.13	0.2	2.71					
June	3.7	1.8	2.44	2.3	2.2					
July	2.81	4.04	2.83	4.57	1.82					
August	5.6	9.2	1.75	1.23	5.21					
September	1.75	10.4	3.7	4.62	2.19					
October	2.79	2.76	3.81	1.99	0.27					
November	2.88	1.19	2.62	2.31	2.33					
December	3.2	0.065	3.77	4.02	3.14					





## **2024 SEWER EXTENSIONS**

- 1. 650 LF of 8-inch PVC sewers and 3 grinder pump systems were installed on Harmony Grove Road to provide sewer facilities to these properties. A new pump station was installed on a township parcel on George Street which will provide sewerage facilities for existing properties along George Street and Carlisle Road. 1,500 LF of 8-inch PVC sewers was installed to provide sewer services along George Street and Carlisle Road. The new sewer pipe installation on Harmony Grove Road, George Street and Carlisle Road will include the installation of new sanitary sewer service connections in the public rights-of-way between the new pipe and each property's sanitary sewer service clean-out at the right-of-way line.
- 2. The Season's is an 8" extension on Pebble Run Drive. The sewer extension consists of approximately 2033 linear feet of 8" SDR pipe and 9 precast manholes.
- 3. Brownstone is an 8" extension on Pebble Run Drive. The sewer extension consists of approximately 933 linear feet of 8" SDR pipe and 4 precast manholes.

DOVER TOWNSHIP D4 2024 CHAPTER 94 REPORT

### 2024 ANNUAL REPORT OF PERMITS & CONNECTIONS CONTRIBUTING TO THE DOVER TOWNSHIP WASTEWATER TREATMENT FACILITY

## PERMITS (EDU) 2024

	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
DOVER New permits	9	10	6	5	31	8	22	5	5	4	10	0	115

## NEW CONNECTIONS FROM EACH TOWNSHIP (EDU) 2024

	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
DOVER	8	9	11	11	13	11	13	6	15	8	18	18	141
MANCHESTER				2		1							3
WEST MANCHESTER, TOTAL MONTHLY				1									1
WEST MANCHESTER, UNMETERED													0
CONEWAGO, TOTAL MONTHLY													0
CONEWAGO, UNMETERED													0
TOTAL:	8	9	11	14	13	12	13	6	15	8	18	18	145

## Total EDUs connected to Dover Township Wastewater Treatment Plant

Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
#EDUs	14,052	14,105	14,142	14,188	14,247	14,302	14,358	14,478	14,629	14,781
Year	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
i eai	2022	2023	2024	2023	2020	2021	2020	2029	2030	2031
#EDUs	14954	15061	15206							

DOVER TOWNSHIP 2024 CHAPTER 94 REPORT

## 2023 ANNUAL REPORT OF PROJECTED CONNECTIONS CONTRIBUTING TO THE DOVER TOWNSHIP WASTEWATER TREATMENT FACILITY

## **CALCULATED PROJECTIONS (EDU) 2024-2028**

## PROJECTED TOTAL ADDITIONAL EDU PER YEAR NOT PEAKING FACTOR

	2025	2026	2027	2028	2029
DOVER	234	167	332	241	199
WEST MANCHESTER	3	3	3	3	1
MANCHESTER	12	14	10	10	59
CONEWAGO	26	22	25	32	21
TOTAL PROJECTED EDU:	275	206	370	286	280

USED 300 GAL/EDU

## **2024 SEWER CONNECTIONS**

Connection Date	Permit #	Street Address	Subdivision	Developer	Туре	# EDU	Equiv. Flow G.P.D.	Monthly Total Connections
1/4/2024	23-0461	2647 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
1/5/2024	23-0233	3724 Castle Rd	Brownstone Manor 4B	JA Myers Homes	R	1	230	
1/5/2024	23-0232	3728 Castle Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
1/5/2024	23-0226	3747 Castle Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
1/8/2024	23-0548	3555 Winter Dr	The Seasons II	Berks Homes LLC	R	1	230	
1/26/2024	23-0594	3505 Winter	The Seasons II	Berks Homes LLC	R	1	230	
1/29/2024	23-0274	3723 Castle Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
1/29/2024	23-0275	3727 Castle Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	8
2/28/2024	23-0457	2639 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
2/7/2024	23-0266	904 Shadowbrooke Dr	Sagebrook 2	Garman Builders Inc	R	1	230	
2/12/2024	18-0410	1825 Fountain Rock Dr	Fountain Rock I	E.G. Stoltzfus Homes	R	1	230	
2/14/2024	23-0308	2600 Village Rd	Brownstone Manor 4B	JA Myers Homes	R	1	230	
2/15/2024	23-0593	3530 Summer Dr	The Seasons II	Berks Homes LLC	R	1	230	
2/16/2024	23-0600	3550 Winter Dr	The Seasons II	Berks Homes LLC	R	1	230	
2/21/2024	23-0576	2624 Village Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
2/27/2024	23-0300	2613 Village Rd	Brownstone Manor 4B	JA Myers Homes	R	1	230	
2/28/204	23-0457	2639 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	9
3/1/2024	23-0459	2641 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
3/5/2024	23-0449	2674 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
3/6/2024	23-0448	2672 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
3/8/2024	23-0647	3625 Winter Dr	The Seasons II	Berks Homes LLC	R	1	230	
3/8/2024	23-0301	2654 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
3/11/2024	23-0265	910 Shadowbrooke Dr	Sagebrook 2	Garman Builders Inc	R	1	230	
3/12/2024	23-0686	3615 Winter Dr	The Seasons II	Berks Homes LLC	R	1	230	
3/14/2024	23-0552	3525 Winter Dr	The Seasons II	Berks Homes LLC	R	1	230	
3/25/2024	23-0698	1618 Fountain Rock Dr	Fountain Rock I	E.G. Stoltzfus Homes	R	1	230	
3/25/2024	23-0685	3585 Summer Dr	The Seasons II	Berks Homes LLC	R	1	230	
3/27/2024	23-0460	2649 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	11
4/1/2024	23-0662	891 Shadowbroooke Dr	Sagebrook 2	Garman Builders Inc	R	1	230	
4/2/2024	23-0661	895 Shadowbrooke Dr	Sagebrook 2	Garman Builders Inc	R	1	230	
4/12/2024	24-0013	3640 Pebble Run Dr	The Seasons II	Berks Homes LLC	R	1	230	
4/12/2024	23-0305	2652 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
4/18/2024	23-0538	3828 Country DR	Donwood Estates	Millwood Homes LLC	R	1	230	
4/18/2024	23-0717	3645 Winter Dr	The Seasons II	Berks Homes LLC	R	1	230	
4/22/2024	23-0304	2662 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
4/22/2024	23-0297	2666 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
4/24/2024	24-0014	3650 Pebble Run Dr	The Seasons II	Berks Homes LLC	R	1	230	
4/25/2024	23-0299	2664 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
4/25/2024	23-0302	2660 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	11
5/3/2024	23-0716	3560 Winter Dr	The Seasons II	Berks Homes LLC	R	1	230	

## **2024 SEWER CONNECTIONS**

5/8/2024	24-0022	3620 Winter Dr	The Seasons II	Berks Homes LLC	R	1	230	
5/13/2024	24-0023	3570 Winter Dr	The Seasons II	Berks Homes LLC	R	1	230	
5/15/2024	23-0306	2609 Village Rd	Brownstone Manor 4B	JA Myers Homes	R	1	230	
5/23/2024	24-0029	3600 Winter Dr	The Seasons II	Berks Homes LLC	R	1	230	
5/23/2024	24-0027	3605 Winter Dr	The Seasons II	Berks Homes LLC	R	1	230	
5/23/2024	24-0058	2617 Village Rd	Brownstone Manor 4B	JA Myers Homes	R	1	230	
5/24/2024	24-0048	1626 Fountain Rock Dr	Fountain Rock I	E.G. Stoltzfus Homes	R	1	230	
5/29/2024	24-0044	3610 Winter Dr	The Seasons II	Berks Homes LLC	R	1	230	
5/6/2024	23-0617	1701 Hilton Ave-Buchmyer Pools	Individual Lot	Campbell & Assoc.		3	690	
5/29/2024	23-0537	3824 Country Dr	Donwood Estates	Millwood Homes LLC	R	1	230	13
6/5/2024	23-0462	2645 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	13
6/5/2024	23-0463	2643 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
6/10/2024	23-0403		Brownstone Manor 4B	<u> </u>	R	1	230	
6/17/2024	24-0018	2613 Village Rd 3655 Winter Dr	The Seasons II	JA Myers Homes  Berks Homes LLC	R	1	230	
6/17/2024	24-0049	3635 Pebble Run Dr	The Seasons II	Berks Homes LLC	R	1	230	
6/17/2024	24-0060	3580 Winter Dr	The Seasons II	Berks Homes LLC	R	1	230	
6/21/2024	24-0046	887 Shadowbrooke Dr	Sagebrook 2	Garman Builders Inc	R	1	230	
6/25/2024	24-0059	3590 Winter DR	The Seasons II	Berks Homes LLC	R	1	230	
6/26/2024	23-0295	2656 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
6/26/2024	23-0303	2658 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
6/28/2024	24-0092	1628 Fountain Rock Dr	Fountain Rock I	E.G. Stoltzfus Homes	R	1	230	11
7/5/2024	23-0277	3736 Castle Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
7/5/2024	23-0289	3748 Castle Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
7/5/2024	23-0276	3732 Castle Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
7/5/2024	23-0296	2650 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
7/5/2024	23-0294	2648 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
7/10/2024	24-0095	3635 Winter Dr	The Seasons II	Berks Homes LLC	R	1	230	
7/12/2024	24-0094	1624 Fountain Rock Dr	Fountain Rock I	E.G. Stoltzfus Homes	R	1	230	
7/11/2024	23-0679	3575 Summer Dr	The Seasons II	Berks Homes LLC	R	1	230	
7/16/2024	23-0230	3744 Castle Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
7/16/2024	23-0290	3752 Castle Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
7/22/2024	24-0068	3660 Pebble Run Dr	The Seasons II	Berks Homes LLC	R	1	230	
7/16/2024	23-0227	3740 Castle Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
7/30/2024	24-0171	3755 Castle Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	13
8/12/2024	23-0539	3701 Castle Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
8/15/2024	23-0456	2651 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
8/15/2024	23-0458	2653 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
8/19/2024	24-0091	892 Shadowbrooke Dr	Sagebrook 2	Garman Builders Inc	R	1	230	
8/21/2024	24-0090	898 Shadowbrooke Dr	Sagebrook 2	Garman Builders Inc	R	1	230	
8/28/2024	23-0540	3703 Castle Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	6
9/4/2024	23-0451	2668 Brownstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
9/4/2024	23-0451	2670 Brownstone DR	Brownstone Manor 4B	JA Myers Homes	R	1	230	
9/11/2024	24-0181		Brownstone Manor 4B		R	1	230	
J/ 11/ 2024	24-0101	2625 Village Dr	DIOWIISTOILE INIGIIOI 4B	JA Myers Homes	n	1	230	

## **2024 SEWER CONNECTIONS**

9/18/2024 23-0365 112 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0365 112 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0369 110 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0369 110 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0367 106 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0365 106 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0365 106 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0365 107 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0366 107 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0365 107 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0365 107 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0365 107 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0365 107 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0365 107 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0365 107 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0365 107 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 15/25/2024 24-0172 37-350 Castle Dr Brownstone Manor 48 Ja Myers Homes R 1 230 15/25/2024 24-0172 37-350 Castle Dr Brownstone Manor 48 Ja Myers Homes R 1 230 15/25/2024 23-034 39 25 Shadowbrooke Dr Sagebrook 2 Garman Builders Inc R 1 230 15/25/2024 23-034 39 25 Shadowbrooke Dr Sagebrook 2 Garman Builders Inc R 1 230 15/25/2024 24-0314 3601 Fieldstone Dr Brownstone Manor 48 Ja Myers Homes R 1 230 15/25/2024 23-034 3602 Fieldstone Dr Brownstone Manor 48 Ja Myers Homes R 1 230 15/25/2024 23-034 3602 Fieldstone Dr Brownstone Manor 48 Ja Myers Homes R 1 230 15/25/2024 23-034 3602 Fieldstone Dr Brownstone Manor 48 Ja Myers Homes R 1 230 15/25/2024 23-034 3602 Fieldstone Dr Brownstone Manor 48 Brownstone Drive LIC R 1 230 15/25/2024 23-034 3602 Fieldstone Dr Brownstone Manor 48 Brownstone Drive LIC R 1 230 15/25/2024 24-0324 3707 Castle Dr Brownstone Manor									
9/25/2024 23-0369 110 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0367 106 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0367 106 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0367 106 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0366 102 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0366 102 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0359 103 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0359 103 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0358 101 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0358 101 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0361 105 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0362 107 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0363 109 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0363 109 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0363 109 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0363 109 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0363 109 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 10/11/2024 23-0132 37:59 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/11/2024 23-0143 922 Shadowbrooke Dr Sagebrook 2 Garman Builders Inc R 1 230 10/12/2024 24-0313 3603 Fieldstone Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/23/2024 24-0314 3601 Fieldstone Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/23/2024 23-0342 3707 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/25/2024 23-0342 3707 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/25/2024 23-0342 3707 Castle Dr Brownstone Manor 4B BROWnstone Drive LLC R 1 230 10/25/2024 23-0364 3708 Castle Dr Brownstone Manor 4B BROWnstone Drive LLC R 1 230 11/22/2024 23-0369 3704 Castle Dr Brownstone Manor 4B BROWnstone Drive LLC R 1 230 11/22/2024 23-0360 3704 Castle Dr Brownstone Manor 4B BROWnstone D	9/18/2024	23-0421	903 Shadowbrooke Dr	Sagebrook 2	Garman Builders Inc	R	1	230	
9/25/2024 23-0368 108 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0367 106 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0366 102 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0366 102 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0369 103 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0359 103 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0359 103 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0358 101 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0351 105 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0361 107 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0362 107 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0363 109 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0363 109 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0363 109 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 10/12/2024 23-0363 109 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 10/12/2024 23-0363 109 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 10/12/2024 23-0363 109 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 10/12/2024 23-0363 109 Jack Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/12/2024 23-0424 911 Shadowbrooke Dr Sagebrook 2 Garman Builders Inc R 1 230 10/12/2024 23-0424 911 Shadowbrooke Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/23/2024 24-0313 3603 Fieldstone Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/23/2024 23-0361 3705 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/23/2024 23-0364 3705 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/25/2024 23-0364 3705 Castle Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/12/2024 23-0367 3705 Castle Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/12/2024 23-0365 3712 Castle Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/12/2024 23-0360 3706 Castle Dr Brownstone Manor 4B Brownstone D	9/25/2024	23-0365	112 JacK Dr	Normas Ridge	Heartland Builders Inc	R	1	230	
9/25/2024 23-0367 106 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0364 104 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0366 102 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0359 103 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0359 103 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0358 101 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0358 101 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0361 105 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0362 107 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0363 109 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0363 109 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0363 109 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0363 109 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 10/14/2024 23-0413 23/95 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/14/2024 23-0413 23-0424 911 Shadowbrooke Dr Sagebrook 2 Garman Builders Inc R 1 230 10/23/2024 24-0313 3603 Fieldstone Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/23/2024 24-0314 3601 Fieldstone Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/23/2024 23-0541 3705 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/25/2024 23-0541 3705 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/25/2024 23-0542 33-054 23-0541 3705 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/25/2024 23-0542 33-054 23-0541 3705 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/25/2024 23-0542 33-054 23-0541 3705 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/25/2024 23-0560 3712 Castle Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/25/2024 23-0560 3712 Castle Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/22/2024 23-0560 3712 Castle Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/22/2024 23-0560 3712 Castle Dr Brownstone Manor 4B Brownstone Drive LLC R 1	9/25/2024	23-0369	110 Jack Dr	Normas Ridge	Heartland Builders Inc	R	1	230	
9/25/2024   23-0364   104 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0366   102 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0358   101 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0358   101 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0361   105 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0362   107 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0363   109 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0363   109 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0363   109 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     15/2024   23-0436   23-0404   24-0472   23-0436   29-25 Jack Downtooke Dr   Sagebrook 2   Garman Builders Inc   R   1   230     10/11/2024   23-0434   922 Shadowbrooke Dr   Sagebrook 2   Garman Builders Inc   R   1   230     10/23/2024   24-0313   3603 Fleidstone Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/23/2024   24-0314   3601 Fleidstone Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0541   3705 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0542   3707 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0540   3705 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0540   3705 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0540   3705 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0540   3705 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0560   3705 Castle Dr   Brownstone Manor 4B   Brownstone Drive LIC   R   1   230     11/22/2024   23-0560   3705 Castle Dr   Brownstone Manor 4B   Brownstone Drive LIC   R   1   230     11/22/2024   23-0560	9/25/2024	23-0368	108 Jack Dr	Normas Ridge	Heartland Builders Inc	R	1	230	
9/25/2024   23-0366   102 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0359   103 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0358   101 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0361   105 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0362   107 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0363   109 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0363   109 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230   15     10/1/2024   24-0172   3759 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230   15     10/1/1/2024   23-0424   911 Shadowbrooke Dr   Sagebrook 2   Garman Builders Inc   R   1   230     10/1/1/2024   23-0424   911 Shadowbrooke Dr   Sagebrook 2   Garman Builders Inc   R   1   230     10/1/3/2024   24-0313   3603 Fleidstone Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/23/2024   24-0314   3601 Fleidstone Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0541   3705 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0542   3707 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0542   3707 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0542   3705 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0542   3705 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0542   3707 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0560   3712 Castle Dr   Brownstone Manor 4B   Brownstone Drive LLC   R   1   230     11/27/2024   23-0605   3712 Castle Dr   Brownstone Manor 4B   Brownstone Drive LLC   R   1   230     11/27/2024   23-0606   3704 Castle Dr   Brownstone Manor 4B   Brownstone Drive LLC   R   1   230     11/25/2024   24-0352   26054	9/25/2024	23-0367	106 Jack Dr	Normas Ridge	Heartland Builders Inc	R	1	230	
9/25/2024   23-0359   103 lack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/26/2024   23-0358   101 lack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0351   105 lack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0362   107 lack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0362   107 lack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0363   109 lack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     10/11/2024   23-0143   23-0362   107 lack Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/11/2024   23-0143   922 Shadowbrooke Dr   Sagebrook 2   Garman Builders Inc   R   1   230     10/11/2024   23-0424   911 Shadowbrooke Dr   Sagebrook 2   Garman Builders Inc   R   1   230     10/12/3/2024   23-0431   3603 Fieldstone Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/23/2024   24-0314   3601 Fieldstone Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0541   3705 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0542   3707 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0542   3707 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0542   3707 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0542   3707 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     10/25/2024   23-0504   3707 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230     11/21/2024   24-0179   2941 Carlisle Rd   Individual Lot   WAWA   C   4   920     11/18/2024   24-0322   2621 Village Rd   Brownstone Manor 4B   Brownstone Drive LLC   R   1   230     11/22/2024   23-0602   3704 Castle Dr   Brownstone Manor 4B   Brownstone Drive LLC   R   1   230     11/22/2024   23-0602   3704 Castle Dr   Brownstone Manor 4B   Brownstone Drive LLC   R   1   230     11/22/2024   23-0602   3704 Castle Dr	9/25/2024	23-0364	104 Jack Dr	Normas Ridge	Heartland Builders Inc	R	1	230	
9/26/2024   23-0358   101 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0361   105 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0363   109 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230     9/25/2024   23-0363   109 Jack Dr   Normas Ridge   Heartland Builders Inc   R   1   230   15     10/1/2024   23-0143   23-595 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230   15     10/1/1/2024   23-0143   922 Shadowbrooke Dr   Sagebrook 2   Garman Builders Inc   R   1   230   10/11/1/2024   23-0143   922 Shadowbrooke Dr   Sagebrook 2   Garman Builders Inc   R   1   230   10/11/1/2024   23-0424   911 Shadowbrooke Dr   Sagebrook 2   Garman Builders Inc   R   1   230   10/23/2024   24-0313   3603 Fieldstone Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230   10/23/2024   24-0313   3603 Fieldstone Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230   10/23/2024   23-0541   3705 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230   10/25/2024   23-0541   3705 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230   10/25/2024   23-0542   3707 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230   10/25/2024   23-0307   2605 Village RD   Brownstone Manor 4B   JA Myers Homes   R   1   230   8   11/21/2024   24-0312   24-0313   3609 Fieldstone Dr   Brownstone Manor 4B   Brownstone Drive LLC   R   1   23	9/25/2024	23-0366	102 Jack Dr	Normas Ridge	Heartland Builders Inc	R	1	230	
9/25/2024 23-0362 107 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 9/25/2024 23-0362 107 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 15/25/2024 23-0363 109 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 15/25/2024 23-0363 109 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 15/25/2024 24-0172 3759 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/11/2024 23-0143 922 Shadowbrooke Dr Sagebrook 2 Garman Builders Inc R 1 230 10/11/2024 23-0424 911 Shadowbrooke Dr Sagebrook 2 Garman Builders Inc R 1 230 10/12/3024 24-0313 3603 Fieldstone Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/23/2024 24-0313 3603 Fieldstone Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/23/2024 24-0314 3601 Fieldstone Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/25/2024 23-0541 3705 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/25/2024 23-0542 3707 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/25/2024 23-0542 3707 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/25/2024 23-0542 3707 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/25/2024 23-0542 3707 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/25/2024 23-05042 3704 Castle Dr Brownstone Manor 4B BA Myers Homes R 1 230 10/25/2024 23-05043 3707 Castle Dr Brownstone Manor 4B BA Myers Homes R 1 230 11/12/2024 24-0322 2621 Village Rd Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/12/2024 23-0604 3708 Castle Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/12/2024 23-0604 3708 Castle Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/12/2024 23-0602 3704 Castle Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/12/2024 23-0602 3704 Castle Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/12/2024 23-0602 3704 Castle Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/12/2024 24-0432 3611 Fieldstone DR Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/12/2024 24-0432 3610 Fieldstone Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/12/2024 24-0432 3600 Fieldstone Dr Brownstone Manor 4	9/25/2024	23-0359	103 Jack Dr	Normas Ridge	Heartland Builders Inc	R	1	230	
9/25/2024 23-0362 107 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 15 10 10 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 15 15 10 10 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 15 15 10 Jack Dr Brownstone Manor 4B JA Myers Homes R 1 230 10 11 Jack 24-0172 23-0143 922 Shadowbrooke Dr Sagebrook 2 Garman Builders Inc R 1 230 10 Jack 24-0314 911 Shadowbrooke Dr Sagebrook 2 Garman Builders Inc R 1 230 10 Jack 24-0313 3603 Fieldstone Dr Brownstone Manor 4B JA Myers Homes R 1 230 10 Jack 24-0314 3603 Fieldstone Dr Brownstone Manor 4B JA Myers Homes R 1 230 10 Jack 24-0314 3601 Fieldstone Dr Brownstone Manor 4B JA Myers Homes R 1 230 10 Jack 24-0314 3601 Fieldstone Dr Brownstone Manor 4B JA Myers Homes R 1 230 10 Jack 24-0314 3707 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10 Jack 24-0314 3707 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10 Jack 24-0314 3707 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10 Jack 24-0314 3707 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10 Jack 24-032 25-03 11 Jack 24-032 25-03 11 Jack	9/26/2024	23-0358	101 Jack Dr	Normas Ridge	Heartland Builders Inc	R	1	230	
9/25/2024 23-0363 109 Jack Dr Normas Ridge Heartland Builders Inc R 1 230 10/1/2024 24-0172 3759 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/1/1/2024 23-0143 3922 Shadowbrooke Dr Sagebrook 2 Garman Builders Inc R 1 230 10/1/1/2024 23-0424 911 Shadowbrooke Dr Sagebrook 2 Garman Builders Inc R 1 230 10/1/1/2024 23-0424 911 Shadowbrooke Dr Sagebrook 2 Garman Builders Inc R 1 230 10/1/1/2024 24-0313 3603 Fieldstone Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/1/1/2024 24-0314 3601 Fieldstone Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/1/25/2024 23-0541 3705 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/1/25/2024 23-0542 3707 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/1/25/2024 23-0542 3707 Castle Dr Brownstone Manor 4B JA Myers Homes R 1 230 10/1/25/2024 23-0307 2605 Village RD Brownstone Manor 4B JA Myers Homes R 1 230 8 11/1/21/2024 24-03179 2941 Carlisle Rd Individual Lot WAWA C 4 920 11/1/1/2024 24-0322 2621 Village Rd Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/1/22/2024 23-0605 3712 Castle Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/1/22/2024 23-0600 3704 Castle Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/1/22/2024 23-0600 3704 Castle Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/1/22/2024 23-0601 3700 Castle Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/1/22/2024 23-0602 3704 Castle Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/1/22/2024 24-0324 2638 Village RD Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/1/25/2024 24-0324 3609 Fieldstone Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/1/25/2024 24-0343 3609 Fieldstone Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/1/25/2024 24-0343 3609 Fieldstone Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/1/25/2024 24-0343 3609 Fieldstone Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/1/25/2024 24-0343 3609 Fieldstone Dr Brownstone Manor 4B Brownstone Drive LLC R 1 230 11/1/25/2024 24-0343 3609 Fieldstone Dr Brownstone Manor 4B Brow	9/25/2024	23-0361	105 Jack Dr	Normas Ridge	Heartland Builders Inc	R	1	230	
10/11/2024   24-0172   3759 Castle Dr   Brownstone Manor 4B   JA Myers Homes   R   1   230   230   230   230   230   240   230   2	9/25/2024	23-0362	107 Jack Dr	Normas Ridge	Heartland Builders Inc	R	1	230	
10/11/2024         23-0143         922 Shadowbrooke Dr         Sagebrook 2         Garman Builders Inc         R         1         230           10/11/2024         23-0424         911 Shadowbrooke Dr         Sagebrook 2         Garman Builders Inc         R         1         230           10/23/2024         24-0314         3601 Fieldstone Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/23/2024         24-0314         3601 Fieldstone Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/25/2024         23-0541         3705 Castle Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/29/2024         23-0542         3707 Castle Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/29/2024         23-0542         3707 Castle Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/29/2024         23-0502         2605 Village RD         Brownstone Manor 4B         JA Myers Homes         R         1         230           11/21/2024         24-0179         2941 Carlisle Rd         Individual Lot         WAWA         C	9/25/2024	23-0363	109 Jack Dr	Normas Ridge	Heartland Builders Inc	R	1	230	15
10/11/2024         23-0424         911 Shadowbrooke Dr         Sagebrook 2         Garman Builders Inc         R         1         230           10/23/2024         24-0313         3603 Fieldstone Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/25/2024         24-0314         3601 Fieldstone Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/25/2024         23-0541         3705 Castle Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/25/2024         23-0542         3707 Castle Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/25/2024         23-0542         3707 Castle Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/25/2024         23-0542         23-0542         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/25/2024         23-0542         3703         2605 Village RD         Brownstone Manor 4B         JA Myers Homes         R         1         230           11/21/2024         24-0179         2941 Carlisle Rd         Individual Lot         WAWA	10/1/2024	24-0172	3759 Castle Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
10/23/2024         24-0313         3603 Fieldstone Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/23/2024         24-0314         3601 Fieldstone Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/25/2024         23-0541         3705 Castle Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/25/2024         23-0542         3707 Castle Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/29/2024         23-0307         2605 Village RD         Brownstone Manor 4B         JA Myers Homes         R         1         230         8           11/21/2024         24-0179         2941 Carlisle Rd         Individual Lot         WAWA         C         4         920           11/18/2024         24-0179         2941 Carlisle Rd         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230         8           11/22/2024         23-0605         3712 Castle Dr         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/22/2024         23-0601         3708 Castle Dr         Brownstone Manor 4B         <	10/11/2024	23-0143	922 Shadowbrooke Dr	Sagebrook 2	Garman Builders Inc	R	1	230	
10/23/2024         24-0314         3601 Fieldstone Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/25/2024         23-0541         3705 Castle Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/25/2024         23-0542         3707 Castle Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/29/2024         23-0307         2605 Village RD         Brownstone Manor 4B         JA Myers Homes         R         1         230         8           11/21/2024         24-0179         2941 Carlisle Rd         Individual Lot         WAWA         C         4         920           11/28/2024         24-0322         2621 Village Rd         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/22/2024         23-0605         3712 Castle Dr         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/22/2024         23-0602         3704 Castle Dr         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/22/2024         23-0601         3700 Castle Dr         Brownstone Manor 4B         Brownstone Driv	10/11/2024	23-0424	911 Shadowbrooke Dr	Sagebrook 2	Garman Builders Inc	R	1	230	
10/25/2024         23-0541         3705 Castle Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/25/2024         23-0542         3707 Castle Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230           10/29/2024         23-0307         2605 Village RD         Brownstone Manor 4B         JA Myers Homes         R         1         230         8           11/21/2024         24-0179         2941 Carlisle Rd         Individual Lot         WAWA         C         4         920           11/18/2024         24-0322         2621 Village Rd         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/22/2024         23-0605         3712 Castle Dr         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/22/2024         23-0604         3708 Castle Dr         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/22/2024         23-0601         3700 Castle Dr         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/25/2024         24-0354         2638 Village RD         Brownstone Manor 4B         Brownstone D	10/23/2024	24-0313	3603 Fieldstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
10/25/2024         23-0542         3707 Castle Dr         Brownstone Manor 4B         JA Myers Homes         R         1         230         8           10/29/2024         23-0307         2605 Village RD         Brownstone Manor 4B         JA Myers Homes         R         1         230         8           11/21/2024         24-0179         2941 Carlisle Rd         Individual Lot         WAWA         C         4         920           11/18/2024         24-0322         2621 Village Rd         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/22/2024         23-0605         3712 Castle Dr         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/22/2024         23-0604         3708 Castle Dr         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/22/2024         23-0602         3704 Castle Dr         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/25/2024         23-0601         3700 Castle Dr         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/25/2024         24-0324         2638 Village RD         Brownstone Manor 4B	10/23/2024	24-0314	3601 Fieldstone Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
10/29/2024         23-0307         2605 Village RD         Brownstone Manor 4B         JA Myers Homes         R         1         230         8           11/21/2024         24-0179         2941 Carlisle Rd         Individual Lot         WAWA         C         4         920           11/18/2024         24-0322         2621 Village Rd         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/22/2024         23-0605         3712 Castle Dr         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/22/2024         23-0604         3708 Castle Dr         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/22/2024         23-0602         3704 Castle Dr         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/22/2024         23-0601         3700 Castle Dr         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/25/2024         24-0354         2638 Village RD         Brownstone Manor 4B         Brownstone Drive LLC         R         1         230           11/25/2024         24-0024         Stony Lane         Dover Highlands Bldg # 6 (8 Units)	10/25/2024	23-0541	3705 Castle Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
11/21/2024       24-0179       2941 Carlisle Rd       Individual Lot       WAWA       C       4       920         11/18/2024       24-0322       2621 Village Rd       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/22/2024       23-0605       3712 Castle Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/22/2024       23-0604       3708 Castle Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/22/2024       23-0602       3704 Castle Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/22/2024       23-0601       3700 Castle Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/25/2024       24-0354       2638 Village RD       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/25/2024       24-0024       Stony Lane       Dover Highlands Bldg # 6 (8 Units)       Dover Highlands, LP       C       8       1840       18         12/3/2024       24-0432       3611 Fieldstone DR       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12	10/25/2024	23-0542	3707 Castle Dr	Brownstone Manor 4B	JA Myers Homes	R	1	230	
11/18/2024       24-0322       2621 Village Rd       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/22/2024       23-0605       3712 Castle Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/22/2024       23-0604       3708 Castle Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/22/2024       23-0602       3704 Castle Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/22/2024       23-0601       3700 Castle Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/25/2024       24-0354       2638 Village RD       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/25/2024       24-0024       Stony Lane       Dover Highlands Bldg # 6 (8 Units)       Dover Highlands, LP       C       8       1840       18         12/3/2024       24-0432       3611 Fieldstone DR       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/3/2024       24-0433       3609 Fieldstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230	10/29/2024	23-0307	2605 Village RD	Brownstone Manor 4B	JA Myers Homes	R	1	230	8
11/22/2024       23-0605       3712 Castle Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/22/2024       23-0604       3708 Castle Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/22/2024       23-0602       3704 Castle Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/25/2024       23-0601       3700 Castle Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/25/2024       24-0354       2638 Village RD       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/25/2024       24-0354       2638 Village RD       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/25/2024       24-0324       Stony Lane       Dover Highlands Bldg # 6 (8 Units)       Dover Highlands, LP       C       8       1840       18         12/3/2024       24-0432       3611 Fieldstone DR       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/3/2024       24-0358       3600 Fielstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230	11/21/2024	24-0179	2941 Carlisle Rd	Individual Lot	WAWA	С	4	920	
11/22/2024       23-0604       3708 Castle Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/22/2024       23-0602       3704 Castle Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/22/2024       23-0601       3700 Castle Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/25/2024       24-0354       2638 Village RD       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/25/2024       24-0024       Stony Lane       Dover Highlands Bldg # 6 (8 Units)       Dover Highlands, LP       C       8       1840       18         12/3/2024       24-0432       3611 Fieldstone DR       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/3/2024       24-0433       3609 Fieldstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/3/2024       24-0358       3600 Fielstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/11/2024       24-0357       2602 Fieldstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230	11/18/2024	24-0322	2621 Village Rd	Brownstone Manor 4B	Brownstone Drive LLC	R	1	230	
11/22/2024       23-0602       3704 Castle Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/22/2024       23-0601       3700 Castle Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/25/2024       24-0354       2638 Village RD       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/25/2024       24-0024       Stony Lane       Dover Highlands Bldg # 6 (8 Units)       Dover Highlands, LP       C       8       1840       18         12/3/2024       24-0432       3611 Fieldstone DR       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/3/2024       24-0433       3609 Fieldstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/3/2024       24-0358       3600 Fielstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/11/2024       24-0357       2602 Fieldstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/11/2024       24-0025       Stony Lane       Dover Highlands Bldg # 7 (12 Units)       Dover Highlands, LP       C       12       2	11/22/2024	23-0605	3712 Castle Dr	Brownstone Manor 4B	Brownstone Drive LLC	R	1	230	
11/22/2024       23-0601       3700 Castle Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/25/2024       24-0354       2638 Village RD       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/25/2024       24-0024       Stony Lane       Dover Highlands Bldg # 6 (8 Units)       Dover Highlands, LP       C       8       1840       18         12/3/2024       24-0432       3611 Fieldstone DR       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/3/2024       24-0433       3609 Fieldstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/3/2024       24-0358       3600 Fieldstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/11/2024       24-0357       2602 Fieldstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/11/2024       24-0025       Stony Lane       Dover Highlands Bldg # 7 (12 Units)       Dover Highlands, LP       C       12       2760         12/12/2024       24-0047       883 Shadowbrooke Dr       Sagebrook 2       Garman Builders Inc       R       1       230	11/22/2024	23-0604	3708 Castle Dr	Brownstone Manor 4B	Brownstone Drive LLC	R	1	230	
11/25/2024       24-0354       2638 Village RD       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         11/25/2024       24-0024       Stony Lane       Dover Highlands Bldg # 6 (8 Units)       Dover Highlands, LP       C       8       1840       18         12/3/2024       24-0432       3611 Fieldstone DR       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/3/2024       24-0433       3609 Fieldstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/3/2024       24-0358       3600 Fielstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/11/2024       24-0357       2602 Fieldstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/11/2024       24-0025       Stony Lane       Dover Highlands Bldg # 7 (12 Units)       Dover Highlands, LP       C       12       2760         12/12/2024       24-0047       883 Shadowbrooke Dr       Sagebrook 2       Garman Builders Inc       R       1       230	11/22/2024	23-0602	3704 Castle Dr	Brownstone Manor 4B	Brownstone Drive LLC	R	1	230	
11/25/2024       24-0024       Stony Lane       Dover Highlands Bldg # 6 (8 Units)       Dover Highlands, LP       C       8       1840       18         12/3/2024       24-0432       3611 Fieldstone DR       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/3/2024       24-0433       3609 Fieldstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/3/2024       24-0358       3600 Fielstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/11/2024       24-0357       2602 Fieldstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/11/2024       24-0025       Stony Lane       Dover Highlands Bldg # 7 (12 Units)       Dover Highlands, LP       C       12       2760         12/12/2024       24-0047       883 Shadowbrooke Dr       Sagebrook 2       Garman Builders Inc       R       1       230	11/22/2024	23-0601	3700 Castle Dr	Brownstone Manor 4B	Brownstone Drive LLC	R	1	230	
12/3/2024       24-0432       3611 Fieldstone DR       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/3/2024       24-0433       3609 Fieldstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/3/2024       24-0358       3600 Fielstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/11/2024       24-0357       2602 Fieldstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/11/2024       24-0025       Stony Lane       Dover Highlands Bldg # 7 (12 Units)       Dover Highlands, LP       C       12       2760         12/12/2024       24-0047       883 Shadowbrooke Dr       Sagebrook 2       Garman Builders Inc       R       1       230	11/25/2024	24-0354	2638 Village RD	Brownstone Manor 4B	Brownstone Drive LLC	R	1	230	
12/3/2024       24-0433       3609 Fieldstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/3/2024       24-0358       3600 Fielstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/11/2024       24-0357       2602 Fieldstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/11/2024       24-0025       Stony Lane       Dover Highlands Bldg # 7 (12 Units)       Dover Highlands, LP       C       12       2760         12/12/2024       24-0047       883 Shadowbrooke Dr       Sagebrook 2       Garman Builders Inc       R       1       230	11/25/2024	24-0024	Stony Lane	Dover Highlands Bldg # 6 (8 Units)	Dover Highlands, LP	С	8	1840	18
12/3/2024       24-0358       3600 Fielstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/11/2024       24-0357       2602 Fieldstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/11/2024       24-0025       Stony Lane       Dover Highlands Bldg # 7 (12 Units)       Dover Highlands, LP       C       12       2760         12/12/2024       24-0047       883 Shadowbrooke Dr       Sagebrook 2       Garman Builders Inc       R       1       230	12/3/2024	24-0432	3611 Fieldstone DR	Brownstone Manor 4B	Brownstone Drive LLC	R	1	230	
12/11/2024       24-0357       2602 Fieldstone Dr       Brownstone Manor 4B       Brownstone Drive LLC       R       1       230         12/11/2024       24-0025       Stony Lane       Dover Highlands Bldg # 7 (12 Units)       Dover Highlands, LP       C       12       2760         12/12/2024       24-0047       883 Shadowbrooke Dr       Sagebrook 2       Garman Builders Inc       R       1       230	12/3/2024	24-0433	3609 Fieldstone Dr	Brownstone Manor 4B	Brownstone Drive LLC	R	1	230	
12/11/2024       24-0025       Stony Lane       Dover Highlands Bldg # 7 (12 Units)       Dover Highlands, LP       C       12       2760         12/12/2024       24-0047       883 Shadowbrooke Dr       Sagebrook 2       Garman Builders Inc       R       1       230	12/3/2024	24-0358	3600 Fielstone Dr	Brownstone Manor 4B	Brownstone Drive LLC	R	1	230	
12/12/2024 24-0047 883 Shadowbrooke Dr Sagebrook 2 Garman Builders Inc R 1 230	12/11/2024	24-0357	2602 Fieldstone Dr	Brownstone Manor 4B	Brownstone Drive LLC	R	1	230	
	12/11/2024	24-0025	Stony Lane	Dover Highlands Bldg # 7 (12 Units)	Dover Highlands, LP	С	12	2760	
12/16/2024 23-0422 899 Shadowbrooke Dr Sagebrook 2 Garman Builders Inc R 1 230 <b>18</b>	12/12/2024	24-0047	883 Shadowbrooke Dr	Sagebrook 2	Garman Builders Inc	R	1	230	
-	12/16/2024	23-0422	899 Shadowbrooke Dr	Sagebrook 2	Garman Builders Inc	R	1	230	18

Permit_Typ SubType	Issued_Dat Perm	nit_Nur Owner	Parcel_ID	Property_Ad	Permit_Des Applicant
Building Pe Commercia	1/24/2024 24-0	024 DOVER	HIG 24000KF00	STONY LN	8-UNIT APA Douglas Ca
Building Pe Commercia	1/24/2024 24-0	025 DOVER	HIG 24000KF00	STONY LN	12-UNIT AP Douglas Ca
Building Pe SFD	1/10/2024 24-0	014 BRH at T	he 2.40E+12	3650 Pebbl	Build New § Berks at The
Building Pe SFD	1/10/2024 24-0	013 BRH at T	he 2.40E+12	3640 Pebbl	Build New § Berks at The
Building Pe SFD	1/19/2024 24-0	018 BRH at T	he 2.40E+12	3655 Winte	Build New § Berks at The
Building Pe SFD	1/24/2024 24-0	023 BRH at T	he 2.40E+12	3570 Winte	Build New § Berks at The
Building Pe SFD	1/24/2024 24-0	022 BRH at T	he 2.40E+12	3620 Winte	Build New § Berks at The
Building Pe SFD	1/30/2024 24-0	029 BRH at T	he 2.40E+12	3600 Winte	Build New § Berks at The
Building Pe SFD	1/26/2024 24-0	027 BRH at T	he 2.40E+12	3605 Winte	Build New § Berks at The

## Estimated\_ Permit\_Fees 1017000 85913.99 1017000 115238.3 212500 13838.15 190000 13025.93 222500 13467.12 200862 13181.01 205724 13535.77 195300 13481.24

215000 13268.19

Permit_Type	SubType	Issued_Date	Permit_Number	Owner	Parcel_ID
Building Permit	SFD	2/7/2024	24-0044	BRH at The	2.40E+12
Building Permit	SFD	2/16/2024	24-0050	3G Enterpri	24000JE0074
Building Permit	SFD	2/14/2024	24-0049	BRH at The	2.40E+12
Building Permit	SFD	2/12/2024	24-0046	GARMAN BI	2.40E+12
Building Permit	SFD	2/12/2024	24-0047	GARMAN BI	2.40E+12
Building Permit	SFD	2/28/2024	24-0068	BRH at The	2.40E+12
Building Permit	SFD	2/12/2024	24-0048	FOUNTAIN	2.40E+12
Building Permit	SFD	2/21/2024	24-0060	BRH at The	2.40E+12
Building Permit	SFD	2/21/2024	24-0059	BRH at The	2.40E+12
Building Permit	SFD	2/21/2024	24-0058	BROWNSTO	2.40E+12

Property_Address	Permit_Description	Applicant	Estimated_Construction_Cost
3610 Winter Dr	Build New Single Family I	Berks at The Se	200865
4885 Paradise Rd.	Build New Single Family I	Double BB Inc	1200000
3635 Pebble Run Dr	Build New Single Family I	Berks at The Se	214000
887 SHADOWBROOKE	Build New Single Family I	Myah Mojica -	131976
883 SHADOWBROOKE	Build New Single Family I	Myah Mojica -	131976
3660 Pebble Run Dr	Build New Single Family I	Berks at The Se	214000
1626 FOUNTAIN ROCK	Build New Single Family I	EG STOLTZFUS	314483
3580 Winter Dr	Build New Single Family I	Berks at The Se	200862
3590 Winter Dr	Build New Single Family I	Berks at The Se	201000
2617 Village Rd	Build New Single Family I	Ashley Hawkin	286000

Permit_Fees	Column1
13180.66	
19133.21	
14186.18	
14100.21	
14099.16	
14166.58	
14447.76	
13359.01	
13175.41	
13837.35	

Permit_Type	SubType	Issued_Date Permit_Number
Building Permit	SFD	3/13/2024 24-0095
<b>Building Permit</b>	SFD	3/12/2024 24-0091
<b>Building Permit</b>	SFD	3/12/2024 24-0090
<b>Building Permit</b>	SFD	3/13/2024 24-0094
<b>Building Permit</b>	SFD	3/18/2024 24-0109
<b>Building Permit</b>	SFD	3/12/2024 24-0092

Owner	Parcel_ID
BRH at The Seasons, LLC	2.40004E+12
GARMAN BUILDERS AT YORK LLC	2.40004E+12
GARMAN BUILDERS AT YORK LLC	2.40004E+12
FOUNTAIN ROCK DRIVE ASSOCIATES LLC	2.40004E+12
L&B INVESTMENT PROPERTIES LLC	24000LF0198A0
FOUNTAIN ROCK DRIVE ASSOCIATES LLC	2.40004E+12

Property_Address	Permit_Description
3635 Winter Dr	Build New Single Family Home
892 Shadowbrooke	Build New Single Family Home
898 Shadowbrooke Dr	Build New Single Family Home
1624 FOUNTAIN ROCK DR	Build New Single Family Home
2150 CONEWAGO RD	Install new manufactured home
1628 FOUNTAIN ROCK DR	Build New Single Family Home

Applicant	Estimated_Construction_Cost	Permit_Fees
Berks at The Seasons LLC, Tammy Henry	205725	14248.58
Myah Mojica - Garman Builders Inc	131976	14079.91
Myah Mojica - Garman Builders Inc	131976	14060.51
EG STOLTZFUS HOMES, LLC, Courtney Longenecker	307428	14408.12
Superior Homes	65000	960
EG STOLTZFUS HOMES, LLC, Courtney Longenecker	392083	14973.14
	10000	0
	11000	0
	20000	0
	12000	0

Permit_Type	SubType	Issued_Date	Permit_Number
<b>Building Permit</b>	SFD	4/23/2024	24-0181
<b>Building Permit</b>	Commercial	4/22/2024	24-0179
<b>Building Permit</b>	SFD	4/19/2024	24-0171
<b>Building Permit</b>	SFD	4/19/2024	24-0172
<b>Building Permit</b>	SFD	4/22/2024	24-0180

Owner	Parcel_ID
BROWNSTONE DRIVE LLC	2.40004E+12
NEWBERRY PLAZA LLC	2.4E+12
BROWNSTONE DRIVE LLC	24000350269
BROWNSTONE DRIVE LLC	24000350270
MILLWOOD HOMES LLC, QUINN NADU	2.40002E+12

Property_Address	Permit_Description
2625 Village Rd	Build New Single Family Home
2941 CARLISLE RD	Building M,E,P (Wawa)
3755 Castle Dr	Build New Single Family Home (Semi-Detached)
3759 Castle Dr	Build New Single Family Home (Semi-Detached)
3840 COUNTRY DR	Build New Single Family Home

Applicant	Estimated_Construction_Cost
Ashley Hawkins JA Myers Homes	250000
Matthew J Corsello - PE	1113000
Ashley Hawkins JA Myers Homes	180000
Ashley Hawkins JA Myers Homes	180000
MILLWOOD HOMES LLC, QUINN NADU	150000

Permit_Fees
13698.42
78275.6
13245.95
13247.7
13746.25

Permit_Type	SubType	Issued_Date	Permit_Number
<b>Building Permit</b>	Commercial	5/16/2024	24-0233
<b>Building Permit</b>	Commercial	5/16/2024	24-0234
<b>Building Permit</b>	SFD	5/2/2024	24-0198
<b>Building Permit</b>	SFD	5/2/2024	24-0203
<b>Building Permit</b>	SFD	5/16/2024	24-0246
<b>Building Permit</b>	SFD	5/16/2024	24-0245
<b>Building Permit</b>	SFD	5/16/2024	24-0244
<b>Building Permit</b>	SFD	5/16/2024	24-0243
<b>Building Permit</b>	SFD	5/16/2024	24-0242
<b>Building Permit</b>	SFD	5/16/2024	24-0241
<b>Building Permit</b>	SFD	5/16/2024	24-0251
<b>Building Permit</b>	SFD	5/16/2024	24-0250
<b>Building Permit</b>	SFD	5/16/2024	24-0249
<b>Building Permit</b>	SFD	5/16/2024	24-0248
<b>Building Permit</b>	SFD	5/16/2024	24-0247
<b>Building Permit</b>	SFD	5/16/2024	24-0237
<b>Building Permit</b>	SFD	5/16/2024	24-0236
<b>Building Permit</b>	SFD	5/16/2024	24-0235
<b>Building Permit</b>	SFD	5/16/2024	24-0238
<b>Building Permit</b>	SFD	5/16/2024	24-0239
<b>Building Permit</b>	SFD	5/16/2024	24-0240
<b>Building Permit</b>	SFD	5/14/2024	24-0219
<b>Building Permit</b>	SFD	5/14/2024	24-0216
<b>Building Permit</b>	SFD	5/14/2024	24-0217
<b>Building Permit</b>	SFD	5/14/2024	24-0218
<b>Building Permit</b>	Commercial	5/24/2024	24-0281
Building Permit	SFD	5/13/2024	24-0215
<b>Building Permit</b>	Commercial	5/27/2024	24-0259
<b>Building Permit</b>	SFD	5/23/2024	24-0277
Building Permit	SFD	5/29/2024	24-0292
Building Permit	SFD	5/29/2024	24-0291

Owner	Parcel_ID	Property_Address
DOVER HIGHLANDS, LP	24000KF004500	STONY LN
DOVER HIGHLANDS, LP	24000KF004500	STONY LN
HEARTLAND DEVELOPERS INC & DOVER HOME	S 24000JG007600	3040 EMIG MILL RD
NEBULA REALTY TRUST/TR	24000KG015300	196 FOX RUN RD
NORMAS RIDGE LLC	24000KG009800	1667 E CANAL RD
NORMAS RIDGE LLC	24000KG009800	1667 E CANAL RD
NORMAS RIDGE LLC	24000KG009800	1667 E CANAL RD
NORMAS RIDGE LLC	24000KG009800	1667 E CANAL RD
NORMAS RIDGE LLC	24000KG009800	1667 E CANAL RD
NORMAS RIDGE LLC	24000KG009800	1667 E CANAL RD
NORMAS RIDGE LLC	24000KG009800	1667 E CANAL RD
NORMAS RIDGE LLC	24000KG009800	1667 E CANAL RD
NORMAS RIDGE LLC	24000KG009800	1667 E CANAL RD
NORMAS RIDGE LLC	24000KG009800	1667 E CANAL RD
NORMAS RIDGE LLC	24000KG009800	1667 E CANAL RD
NORMAS RIDGE LLC	24000KG009800	1667 E CANAL RD
NORMAS RIDGE LLC	24000KG009800	1667 E CANAL RD
NORMAS RIDGE LLC	24000KG009800	1667 E CANAL RD
NORMAS RIDGE LLC	24000KG009800	1667 E CANAL RD
NORMAS RIDGE LLC	24000KG009800	1667 E CANAL RD
NORMAS RIDGE LLC	24000KG009800	1667 E CANAL RD
BROWNSTONE DRIVE LLC	2.40E+12	2 3760 Castle Dr
BROWNSTONE DRIVE LLC	2.40E+12	2 3756 Castle Dr
BROWNSTONE DRIVE LLC	24000358800	3768 Castle Dr
BROWNSTONE DRIVE LLC	2.40E+12	2 3764 Castle Dr
DOVER HIGHLANDS, LP	24000KF004500	STONY LN
NEBULA REALTY TRUST/TR	24000240001A0	S SALEM CHURCH RD
DOVER AREA SCHOOL DIST	24000KF0043B0	4500 INTERMEDIATE AVE
NEBULA REALTY TRUST/TR	24000240001A0	S SALEM CHURCH RD
UPDIKE, HARLEY	24000KE0109F0	3581 COLONIAL RD
DEL BROOK MANAGEMENT LLC	24000JF0043A	4621 S SALEM CHURCH RD

Permit_Description	Applicant
12-UNIT APARTMENT BUILDING (BLDG 15)	Douglas Carl - Warehaus
8-UNIT APARTMENT BUILDING (BLDG 13)	Douglas Carl - Warehaus
Build New Single Family Home	Michael Bentzel - Bentzel Building LLC
191 Shawnee Ave -New 26'8"x48' Manufactured Home	Jason Fox - Superior Homes
145 Jack Dr (lot #23)-Build New Townhomes	Scott Provanzo - Heartland Builders Inc
147 Jack Dr (lot #24)-Build New Townhomes	Scott Provanzo - Heartland Builders Inc
149 Jack Dr (lot 25)-Build New Townhome	Scott Provanzo - Heartland Builders Inc
151 Jack Dr (lot 26)-Build New Townhome	Scott Provanzo - Heartland Builders Inc
153 Jack Dr (lot 27)-Build New Townhome	Scott Provanzo - Heartland Builders Inc
155 Jack Dr (lot 28)-Build New Townhome	Scott Provanzo - Heartland Builders Inc
135 Jack Dr (lot #18)-Build New Townhomes	Scott Provanzo - Heartland Builders Inc
137 Jack Dr (lot #19)-Build New Townhomes	Scott Provanzo - Heartland Builders Inc
139 Jack Dr (lot #20)-Build New Townhomes	Scott Provanzo - Heartland Builders Inc
141 Jack Dr (lot #21)-Build New Townhomes	Scott Provanzo - Heartland Builders Inc
143 Jack Dr (lot #22)-Build New Townhomes	Scott Provanzo - Heartland Builders Inc
130 Jack Dr (lot #41)-Build New Townhomes	Scott Provanzo - Heartland Builders Inc
128 Jack Dr (lot #42)-Build New Townhomes	Scott Provanzo - Heartland Builders Inc
126 Jack Dr (lot #43)-Build New Townhomes	Scott Provanzo - Heartland Builders Inc
132 Jack Dr (lot #40)-Build New Townhomes	Scott Provanzo - Heartland Builders Inc
134 Jack Dr (lot #39)-Build New Townhomes	Scott Provanzo - Heartland Builders Inc
136 Jack Dr (lot #38)-Build New Townhomes	Scott Provanzo - Heartland Builders Inc
Build New Single Family Home	Ashley Hawkins JA Myers Homes
Build New Single Family Home	Ashley Hawkins JA Myers Homes
Build New Single Family Home	Ashley Hawkins JA Myers Homes
Build New Single Family Home	Ashley Hawkins JA Myers Homes
8-UNIT APARTMENT BUILDING (BLDG 14)	Douglas Carl - Warehaus
4175 Leah Ave Install new HUD home	Lebanon Valley Homes Inc, Dale Yingst
Electric for Veterans Memorial	Sarago Ascom Inc, Anthony
4595 Hikey St install new HUD home	STONYBROOK HOME SALES, John McCall
Replace 28x44 with a new 28x56 HUD home	UPDIKE, HARLEY
2754 Genna Cir Install new HUD home	Karen Lanza - ABC Home Sales

Estimated_Construction_Cost	Permit_Fees
\$1,017,000.00	\$118,363.27
\$1,017,000.00	\$117,632.06
\$260,000.00	\$4,685.20
\$102,000.00	\$1,391.00
\$180,000.00	\$11,051.57
\$180,000.00	\$11,051.57
\$180,000.00	\$11,051.57
\$180,000.00	\$11,051.57
\$180,000.00	\$11,051.57
\$180,000.00	\$11,051.57
\$180,000.00	\$10,938.92
\$180,000.00	\$10,938.92
\$180,000.00	\$10,938.92
\$180,000.00	\$10,938.92
\$180,000.00	\$10,938.92
\$180,000.00	\$11,051.57
\$180,000.00	\$11,051.57
\$180,000.00	\$11,051.57
\$180,000.00	\$11,051.57
\$180,000.00	\$11,051.57
\$180,000.00	\$11,051.57
\$180,000.00	\$13,169.65
\$180,000.00	\$13,178.05
\$180,000.00	\$13,174.55
\$180,000.00	\$13,172.10
\$1,017,000.00	\$86,232.06
\$140,000.00	\$1,550.00
\$2,500.00	\$50.00
\$105,000.00	\$1,290.00
\$170,000.00	\$1,770.00
\$24,500.00	\$925.04

Permit_Type	SubType	Issued_Date	Permit_Number	Owner	Parcel_ID
<b>Building Permit</b>	Commercial	6/17/2024	24-0325	DOVER HIG	3 24000KF0045
Building Permit	Commercial	6/17/2024	24-0324	DOVER HIG	3 24000KF0045
Building Permit	SFD	6/11/2024	24-0314	BROWNST	( 2.40E+12
Building Permit	SFD	6/11/2024	24-0313	BROWNST	( 2.40E+12
Building Permit	SFD	6/12/2024	24-0322	BROWNST	( 2.40E+12
Building Permit	SFD	6/13/2024	24-0323	WELLS, TH	(24000280017
Building Permit	SFD	6/7/2024	24-0302	NEBULA RI	24000240001
Building Permit	SFD	6/26/2024	24-0336	NEBULA RI	24000KG0153

Property_Address	Permit_Description	Applicant	Estimated_Construction_Cost
STONY LN	8-UNIT APARTMENT BU	IL Douglas Carl -	1017000
STONY LN	8-UNIT APARTMENT BU	IL Douglas Carl -	1017000
3601 Fieldstone Dr	Build New Single Famil	y F Ashley Hawkin	180000
3603 Fieldstone Dr	Build New Single Famil	y F Ashley Hawkin	180000
2621 Village Rd	Build New Single Famil	y F Ashley Hawkin	300000
4190 DAVIDSBURG RD	Build new industrialize	d r WELLS, THOM	300000
S SALEM CHURCH RD	4215 Leah Ave Install n	ev Jason Fox - Su	125000
196 FOX RUN RD	116 Seneca Ave Install	HIPMI, Kimberly	9000

Permit_Fees
86232.06
85614.27
13237.55
13238.95
14415.35
12077
1450
482

Permit_Type	SubType	Issued_Date	Permit_Number	Owner
Building Permit	SFD	7/10/202	4 24-0360	BROWNSTONE DRIVE LLC
Building Permit	SFD	7/10/202	4 24-0359	BROWNSTONE DRIVE LLC
Building Permit	SFD	7/9/202	4 24-0354	BROWNSTONE DRIVE LLC
Building Permit	SFD	7/10/202	4 24-0358	BROWNSTONE DRIVE LLC
Building Permit	SFD	7/9/202	4 24-0357	BROWNSTONE DRIVE LLC
Building Permit	SFD	7/9/202	4 24-0356	BROWNSTONE DRIVE LLC
Building Permit	SFD	7/9/202	4 24-0355	BROWNSTONE DRIVE LLC
Building Permit	SFD	7/8/202	4 24-0350	NORMAS RIDGE LLC
Building Permit	SFD	7/9/202	4 24-0351	NORMAS RIDGE LLC
Building Permit	SFD	7/9/202	4 24-0352	NORMAS RIDGE LLC
Building Permit	SFD	7/9/202	4 24-0353	NORMAS RIDGE LLC
Building Permit	SFD	7/10/202	4 24-0361	NORMAS RIDGE LLC
Building Permit	SFD	7/10/202	4 24-0374	NORMAS RIDGE LLC
Building Permit	SFD	7/10/202	4 24-0373	NORMAS RIDGE LLC
Building Permit	SFD	7/10/202	4 24-0372	NORMAS RIDGE LLC
Building Permit	SFD	7/10/202	4 24-0371	NORMAS RIDGE LLC
Building Permit	SFD	7/26/202	4 24-0418	LLEWELLYNS MOBILE HOME COURT INC
Building Permit	SFD	7/11/202	4 24-0376	GARMAN BUILDERS AT YORK LLC
Building Permit	SFD	7/11/202	4 24-0375	GARMAN BUILDERS AT YORK LLC
Building Permit	SFD	7/11/202	4 24-0377	GARMAN BUILDERS AT YORK LLC
Building Permit	SFD	7/11/202	4 24-0378	GARMAN BUILDERS AT YORK LLC
Building Permit	SFD	7/26/202	4 24-0420	NEBULA REALTY TRUST/TR

Parcel_ID	Property_Address	Permit_Description
2.40004E+12	3606 Fieldstone Dr	Build New Single Family Home (Semi-Detached)
2.40004E+12	3604 Fieldstone Dr	Build New Single Family Home (Semi-Detached)
2.40004E+12	2638 Village Rd	Build New Single Family Home
2.40004E+12	3600 Fieldstone Dr	Build New Single Family Home (Semi-Detached)
2.40004E+12	3602 Fieldstone Dr	Build New Single Family Home (Semi-Detached)
2.40004E+12	3608 Fieldstone Dr	Build New Single Family Home (Semi-Detached)
2.40004E+12	3610 Fieldstone Dr	Build New Single Family Home (Semi-Detached)
24000KG009800	1667 E CANAL RD	157 Jack Dr (lot #29)-Build New Townhomes
24000KG009800	1667 E CANAL RD	159 Jack Dr (lot #30)-Build New Townhomes
24000KG009800	1667 E CANAL RD	161 Jack Dr (lot #31)-Build New Townhomes
24000KG009800	1667 E CANAL RD	163 Jack Dr (lot #32)-Build New Townhomes
24000KG009800	1667 E CANAL RD	165 Jack Dr (lot #33)-Build New Townhomes
24000KG009800	1667 E CANAL RD	138 Jack Dr (lot #37)-Build New Townhomes
24000KG009800	1667 E CANAL RD	140 Jack Dr (lot #36)-Build New Townhomes
24000KG009800	1667 E CANAL RD	142 Jack Dr (lot #35)-Build New Townhomes
24000KG009800	1667 E CANAL RD	144 Jack Dr (lot #34)-Build New Townhomes
24000LG0130A0	4550 BULL RD	Lot 73 New HUD Home
2.40004E+12	879 Shadowbrooke Dr	Build New Single Family Home (Semi-Detached)
2.40004E+12	875 Shadowbrooke Dr	Build New Single Family Home (Semi-Detached)
2.40004E+12	880 Shadowbrooke Dr	Build New Single Family Home (Semi-Detached)
2.40004E+12	886 Shadowbrooke Dr	Build New Single Family Home (Semi-Detached)
24000240001A0	S SALEM CHURCH RD	4540 Hikey St Install New HUD Home

Applicant	Estimated_Construction_Cost	Permit_Fees
Ashley Hawkins JA Myers Homes	180000	13159.15
Ashley Hawkins JA Myers Homes	180000	13135.35
Ashley Hawkins JA Myers Homes	400000	15628.5
Ashley Hawkins JA Myers Homes	180000	13135.35
Ashley Hawkins JA Myers Homes	180000	13159.15
Ashley Hawkins JA Myers Homes	180000	13135.35
Ashley Hawkins JA Myers Homes	180000	13159.15
Scott Provanzo - Heartland Builders Inc	180000	11103.92
Scott Provanzo - Heartland Builders Inc	180000	11103.92
Scott Provanzo - Heartland Builders Inc	180	11103.92
Scott Provanzo - Heartland Builders Inc	180000	11103.92
Scott Provanzo - Heartland Builders Inc	180000	11103.92
Scott Provanzo - Heartland Builders Inc	180000	11103.92
Scott Provanzo - Heartland Builders Inc	180000	11103.92
Scott Provanzo - Heartland Builders Inc	180000	11103.92
Scott Provanzo - Heartland Builders Inc	180000	11103.92
STONYBROOK HOME SALES, John McCall	110000	1325
Myah Mojica - Garman Builders Inc	131976	14076.41
Myah Mojica - Garman Builders Inc	131976	14076.41
Myah Mojica - Garman Builders Inc	119340	13798.7
Myah Mojica - Garman Builders Inc	119340	13798.7
STONYBROOK HOME SALES, John McCall	140000	1565

Permit_Type	SubType	Issued_Date	Permit_Number
<b>Building Permit</b>	SFD	8/2/2024	24-0432
<b>Building Permit</b>	SFD	8/2/2024	24-0433
Building Permit	SFD	8/20/2024	24-0458
<b>Building Permit</b>	SFD	8/28/2024	24-0480
Plumbing Permit	Connect to Public Sewer	8/2/2024	24-0431

Owner	Parcel_ID	Property_Address
BROWNSTONE DRIVE LLC	2.40004E+12	3611 Fieldstone Dr
BROWNSTONE DRIVE LLC	2.40004E+12	3609 Fieldstone Dr
SHOEMAKER, TODD L	24000030085D0	3130 ALTA VISTA RD
BROWNSTONE DRIVE LLC	2.40003E+12	2608 Village Rd
IDEAL PROPERTY GROUP LLC	24000KF0150B0	2171 PALOMINO RD

<b>—</b>		
Permit_	Ilbecri	ntinn
ГСППП	Descii	มนบแ

Build New Single Family Home (Semi-Detached)

Build New Single Family Home (Semi-Detached)

Install new HUD Home

**Build New Single Family Home** 

Sewer Connection

Applicant	Estimated_Construction_Cost
Ashley Hawkins JA Myers Homes	180000
Ashley Hawkins JA Myers Homes	180000
Lebanon Valley Homes Inc, Jillian Marie Dry	70000
Ashley Hawkins JA Myers Homes	330000
IDEAL PROPERTY GROUP LLC	0

Final_CO_Issued	Status
	Active
	Active
	Active
	Active
	Active

SubType	Issued_Date	Permit_Number
SFD	9/6/2024	24-0488
SFD	9/10/2024	24-0504
SFD	9/10/2024	24-0505
SFD	9/10/2024	24-0502
SFD	9/10/2024	24-0503
	SFD SFD SFD	SFD         9/6/2024           SFD         9/10/2024           SFD         9/10/2024           SFD         9/10/2024

Owner	Parcel_ID	Property_Address
ROACH, JEREMY M	24000JF002400	4830 S SALEM CHURCH RD
BROWNSTONE DRIVE LLC	2.40004E+12	3613 Fieldstone Dr
BROWNSTONE DRIVE LLC	2.40004E+12	3615 Fieldstone Dr
BROWNSTONE DRIVE LLC	2.40004E+12	3605 Fieldstone Dr
BROWNSTONE DRIVE LLC	2.40004E+12	3607 Fieldstone Dr

<b>—</b>		
Permit_	Ilbecri	ntinn
ГСППП	Descii	มนบแ

Install 28'x62' Manufactored Home

Build New Single Family Home (Semi-Detached)

Build New Single Family Home (Semi-Detached)

Build New Single Family Home (Semi-Detached)

Build New Single Family Home (Semi-Detached)

Applicant	Estimated_Construction_Cost
ROACH, JEREMY M	25000
Ashley Hawkins JA Myers Homes	180
Ashley Hawkins JA Myers Homes	180000
Ashley Hawkins JA Myers Homes	180000
Ashley Hawkins JA Myers Homes	180000

Final_CO_Issued	Status
	Active
	Active
	Active
	Active
	Active

Permit_Type	SubType	Issued_Date	Permit_Number	Owner
<b>Building Permit</b>	SFD	10/10/2024	24-0533	Brownstone Drive LLC
Building Permit	SFD	10/10/2024	24-0532	Brownstone Drive LLC
Building Permit	SFD	10/28//2024	24-0565	Nebula Realty Trust/Tr
Building Permit	SFD	10/28//2024	24-0566	Nebula Realty Trust/Tr

Parcel_ID	Property_Address	Permit_Description	Applicant	Estimated_
2.40E+ 12	3612 Fieldstione Dr	Build new SFD semi det	a Ashley Hawkin	180000
2.40E+ 12	3614 Fieldstione Dr	Build new SFD semi det	a Ashley Hawkin	180000
24000KG015300	196 Fox Run rd	140 pawnee Ave-HUD H	lo Stonybrook Ho	130000
24000KG015300	196 Fox Run rd	104 Cherokee Ave-HUD	F Stonybrook Ho	140000

Permit_Type	SubType	Issued_Date	Permit_Number	Owner	Parcel_ID
<b>Building Permit</b>	SFD	11/14/2024	24-0609	YAROSHEV	2.40E+12
<b>Building Permit</b>	SFD	11/7/2024	24-0585	WELLS, TH	24000280017
<b>Building Permit</b>	SFD	11/27/2024	24-0631	NEBULA RE	24000KG0153
<b>Building Permit</b>	Commercial	11/27/2024	24-0639	DOVER HIG	24000KF0045
<b>Building Permit</b>	Commercial	11/27/2024	24-0640	DOVER HIG	24000KF0045
<b>Plumbing Permit</b>	Connect to P	11/21/2024	24-0617	D&D BISMA	24000KF0046
<b>Plumbing Permit</b>	Connect to P	11/19/2024	24-0616	PIKE, DANI	I 24000KF0072
<b>Plumbing Permit</b>	Connect to P	11/12/2024	24-0599	SUNDAY, R	24000KF0078
<b>Plumbing Permit</b>	Connect to P	11/12/2024	24-0600	MARKLE, V	I 24000KF0125
Plumbing Permit	Connect to P	11/12/2024	24-0601	MT TOP GR	24000KF0093

Property_Address	Permit_Description	Applicant	Estimated_Construction_	Cost	Status
3161 CLAREMONT RD	Demo old house & build r	YAROSHEVICH		150000	Active
4190 DAVIDSBURG RD	Install new 26'8"x72' HU[	Bonnie Height		247000	Active
196 FOX RUN RD	94 Cherokee Ave Install n	ı Jason Fox - Su <sub>l</sub>		100000	Active
STONY LN	12-UNIT APARTMENT BUI	Douglas Carl -		1100000	Active
STONY LN	8-UNIT APARTMENT BUIL	l Douglas Carl -		1100000	Active
5010 CARLISLE RD	Connect to Public Water	D&D BISMARC		0	Active
5030 CARLISLE RD	Connect to Public Sewer	PIKE, DANIEL		0	Active
4900 CARLISLE RD	Sewer Connection	SUNDAY, RAY		0	Active
4754 CARLISLE RD	New Water Connection	MARKLE, VICK		0	Active
4840 HARMONY GROV	Connect to Public Water	MT TOP GROW		0	Active

2024 CHAPTER 94 REPORT

#### **DOVER TOWNSHIP**

### SEWER CONNECTION PROJECTIONS FOR DOVER TOWNSHIP

SEWER CON	NECTIONTE	COLCITO	75 16	JK D(	)	101	VINDII	11
								Total
Development	Sewer status	2024 Actual	2025	2026	2027	2028	2029	Possible
								EDUs
Alda Ketterman	Paid in full	0	0	0	0	0	0	3
Ashcombe South	Approved		0	0	0	0	0	0
Duran at an a Dh. 2	In Approval	0	24	2.4	27	27	•	00
Brownstone Ph 3	Process	0	24	24	27	27	0	99
Brownstone 4A	Paid in full		0	0	0	0	0	0
Brownstone 4B		60	24	0	0	0	0	96
Bupp/McNaughton Farm		10	4.5	4.5	4.5	4.5		106
(Sagebrook)	Approved	12	15	15	15	15	0	196
Norma Ridge	Approved	11	44	0	0	0	0	55
Cornerstone Bible Church	Paid in full	0	0	0	0	0	0	5
Creekside Village	Paid in full	0	0	5	0	0	0	5
Donwood	Paid in full	0	0	0	0	0	0	4
Danish of Fit /Dan Zianlan/ UC	Daid in full	2		0	0	0		2
Donwood Ext./Don Ziegler/ IIC	Paid in full	2		0	0	0	0	2
Donwood IIB		0	11	10	0	0	0	54
Dover Highlands 1&2	Planning Stage	20	116	0	0	0	0	136
Dover Highlands 3				34	34			68
Fountain Rock Phase 1	Approved	5	0	0	0	0	0	9
Fountain Rock Phase 2	Early Planning	0	0	23	23	23	23	115
Fox Run Apartments		0	0	0	0	0	0	54
Grandview Golf Course	Paid in full	0	0	0	0	0	0	400
Kinsley/Dover Industrial	Paid in full	0	0	0	0	0	0	34
Ort farm on D-burg Rd.	Approved	0	0	0	0	0	0	5
			0	0	0	0	0	0
		0	0	0	0	0	0	
		0	0	0	0	0	0	0
Spang's, Inc./Ethel Shaffer	Paid in full	0	0	0	0	0	0	3
			0	0	0	0	0	0
			0	0	0	0	0	0
Seasons 2	Approved	24						
The Seasons 4	Approved	0	0	0	0	0	0	58
The Seasons III A	Approved	0	0	56	56	0	0	112
Thunderbird MHP Expansion	Approved	0	0	0	0	0	0	58
L	1							

2024 CHAPTER 94 REPORT

#### DOVER TOWNSHIP

Development	Sewer status	2024 Actual	2025	2026	2027	2028	2029	Total Possible EDUs
North of Dover Borough: reroute existing sewer to township sewer	Engineering Stage	0	0	0	0	0	0	34
Miscellaneous lots	Calculated	0	0	0	0	0	0	58
Hilton Ave. & Bull	Potential Future Growth	0	0	0	150	150	150	500
Hines York Industrial Development	Early Planning	0	0	0	26	26	26	78
George Gerber Farm	Potential Future Growth	0	0	0	0	0	0	120
Eagle View Park	Early Planning	0	0	0	1	0	0	2
Wawa	1 , 1 5	4	0		0	0		
Buchmyer Pools		3						
TOTA	L	141	234	167	332	241	199	2363

# DOVER TOWNSHIP SANITARY SEWER SYSTEM MAINTENANCE PROGRAM 2024

- **1.** As of February 3, 2025, the Dover Township Sanitary Sewer System consists of 78 miles of sewer collector lines and 15 miles of interceptor lines. These lines range in size from 6 inch to 60 inch. Dover Township Sanitary Sewer System also consists of 2,311 Manholes. All of Dover Township's sewage goes to the Dover Township Wastewater Facility.
- 2. The Dover Township Sewer Department has (6) full time licensed employees and (1) new hire that will be licensed. They are responsible for daily maintenance of the 93 miles of sanitary sewer lines and 2,311 manholes. They are also responsible for marking routine PA ONE Calls and any emergency PA ONE CALL. In the year 2023, they responded to 2,214 requests.
- 3. Wastewater Collection System Operators and Certificate Information

Name	Client ID#	Exp. Date
Chris Hamme	290067	12/31/2027
Matthew Helwig	267279	12/31/2025
Stanley Jett	331203	12/31/2025
Shawn Appler	251818	6/30/2025
Matthew Miller	376654	9/30/2027
Jeffrey Merrifield	386477	9/30/2027
Canaan Fletcher	N/A	N/A

- **4.** Dover Township's sewer department has the following equipment to perform their daily tasks.
  - **a.** 2012 Chevrolet 2500 Silverado (various hand tools)
  - **b.** 2022 Ford F-350 Crew Cab Utility Bed (various hand tools, clean out caps, safety equipment)
  - **c.** 2020 Ford F550 which contains a Cues mainline and lateral launch system with Granite software.
  - d. 2023 Western Star ECO-900 Combo Truck
  - e. Polaris ATV which is used to navigate muddy or wet right-of-ways.
  - f. Various pumps and generators
  - g. Mr. Manhole Six Shooter
  - h. Easement Machine
  - i. Rinnovision RV Max 360 Manhole Camera

- 5. Dover Township's sewer maintenance activities during 2023 included.
  - **a.** 119 manholes inspected.
  - **b.** 77 cleanouts inspected.
  - **c.** 40 cleanouts repaired.
  - d. 21,731 linear feet of mainline inspections
  - **e.** 6,050 linear feet of lateral inspections
  - f. 31,720 linear feet of mainline cleaning
  - g. 27 watertight frame and covers installed

See attached charts, tables, and maps.

#### **Pipe Replacement Projects:**

#### Project 1 Virginia Avenue

This project will replace the existing sewer main from cardinal lane to the dead end of virginia avenue. This replacement includes approximately 6,100 linear feet of 8" pipe, new 6" laterals to the ROW line for each property and 17 manholes. This project is currently being designed with construction in 2025.

#### Project 2 **Pineview ROW**

This project will replace the existing sewer main from Carlisle Road to the Joint Interceptor. This replacement includes approximately 5700 linear feet of 24" pipe, new 6" laterals to the ROW line for each property and 16 manholes. This project is currently being designed with construction in 2025.

#### Project 3 Joint Interceptor Replacement Project Phase II/III

This project is an extension of phase one. It starts just east of Bull Rd and extends west past Carlisle Rd. The replacement includes approximately 10,000 linear feet of 42-inch pipe with 60-inch pipe and 36 manholes. This project is currently being designed with construction in 2025.

#### Project 4 Fox Run Interceptor Replacement Project Phases I

The first phase is immediately upstream of the Dover Wastewater Treatment Plant. The replacement includes approximately 7,560 linear feet of 24-inch pipe with 36-inch pipe, and 25 manholes. This project is scheduled to be designed in 2025, with construction to follow. Currently there are no known overflows on the Fox Run Interceptor since the completion of phase one of the Joint Interceptor. Dover does not know the conditions under which the interceptor was in during the hurricane/tropical storm, as the interceptor was under water.

See attached charts, tables, and maps.

# YORK COUNTY, PA Established 1743 OWNSHIP

# GIS Map Legend

→ Other Sewer Lines

End of Line (AEP)

# **Dover Township** Fox Run Interceptor Replacement Phase I

**Created For:** Matthew Helwig **Creation Date:** 2/22/2024

**File Save Location:** 

R:\SEWER\Chapter 94\2023\Fox Run Interceptor Replacement Phase I.pdf





York County Parcels

MH Repair Necessary?

Road Names (AGOL)

# **Dover Township** Joint Interceptor Phases II/III

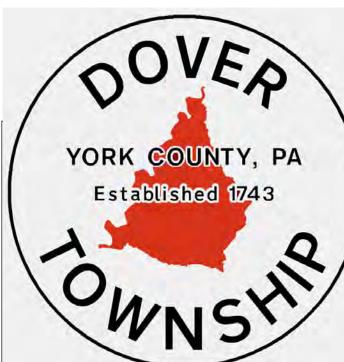
Matthew Helwig **Created For: Creation Date:** 2/22/2024

**File Save Location:** R:\SEWER\Chapter 94\2023\

Nathan W. Stone
Technology Specialist
2480 W Canal Rd
Dover, PA 17315

Phone: (717) 292-3634 Fax: (717) 292-1136 nstone@dovertownship.org





## GIS Map Legend

Interceptor Manholes

Interceptor Lines

Conveyance

Fox Run Joint

Palomino

## Collector Lines

Inspections

- → Completed TV
- → No TV
- → Laterals

## Other Manholes

- Conewago Township
- Manchester Township
- West Manchester Township

Other

→ Other Sewer Lines

## 2024 Cleanout Inspections

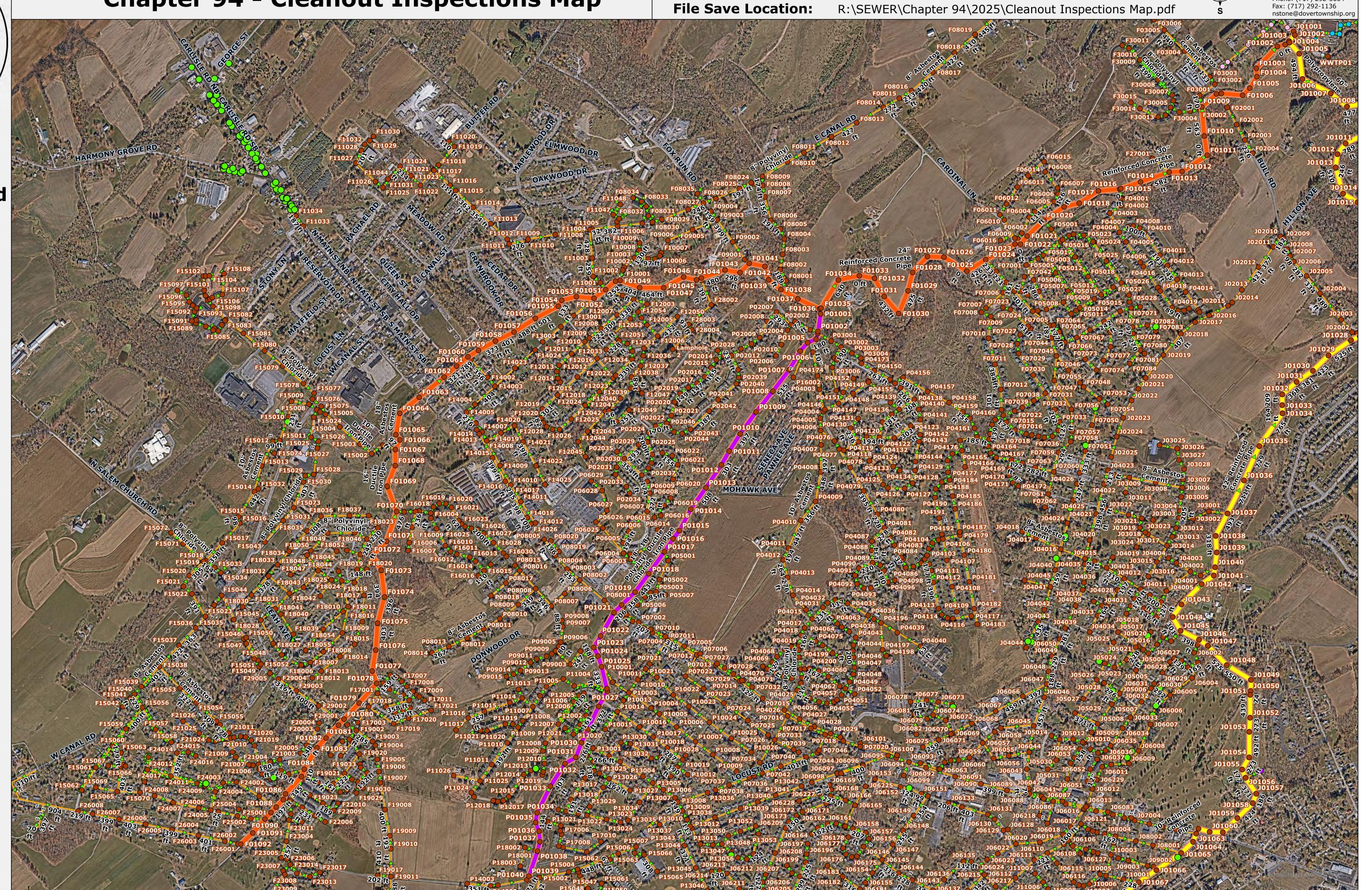
2024 Cleanout Inspections

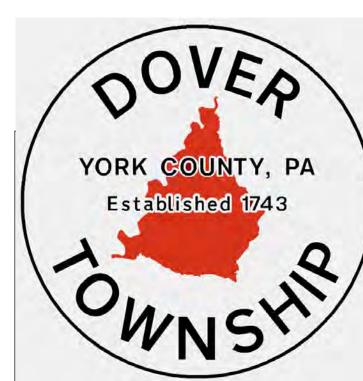
## **Dover Township Chapter 94 - Cleanout Inspections Map**

Stanley Jett **Created For: Creation Date:** 2/11/2025

R:\SEWER\Chapter 94\2025\Cleanout Inspections Map.pdf







## GIS Map Legend

Interceptor Manholes

Interceptor Lines

Conveyance

Collector Lines

Inspections → Completed TV

→ No TV

→ Laterals

## Other Manholes

- Conewago Township
- Manchester Township
- West Manchester Township
- → Other Sewer Lines
- 2024 Manhole Inspections

## **Dover Township Chapter 94 - Manhole Inspections Map**

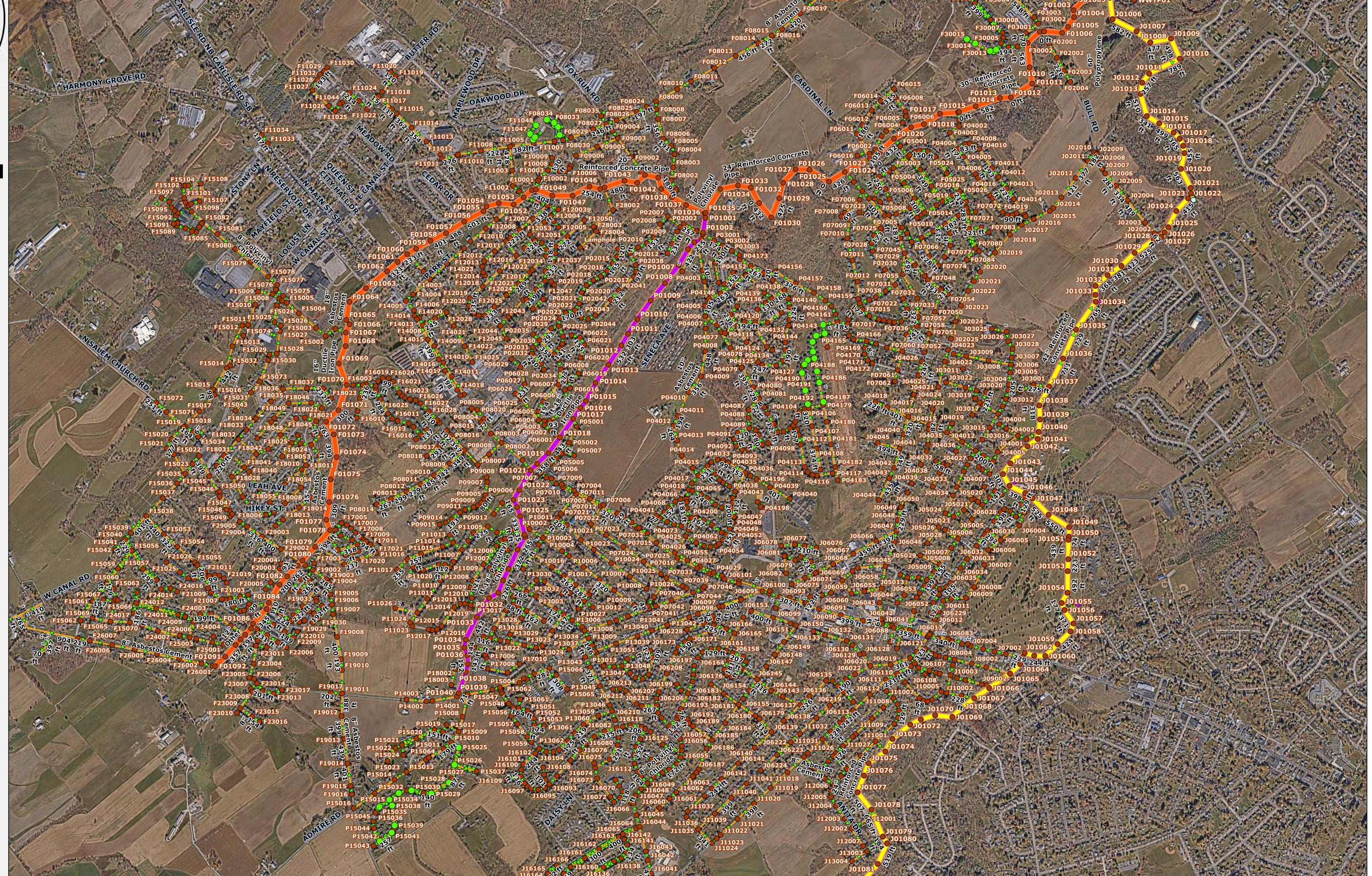
**Created For:** Stanley Jett **Creation Date:** 2/11/2025

**File Save Location:** 

R:\SEWER\Chapter 94\2025\Manhole Inspections Map.pdf



Phone: (717) 292-3634 Fax: (717) 292-1136



#### North of the Borough Sewer System Improvements

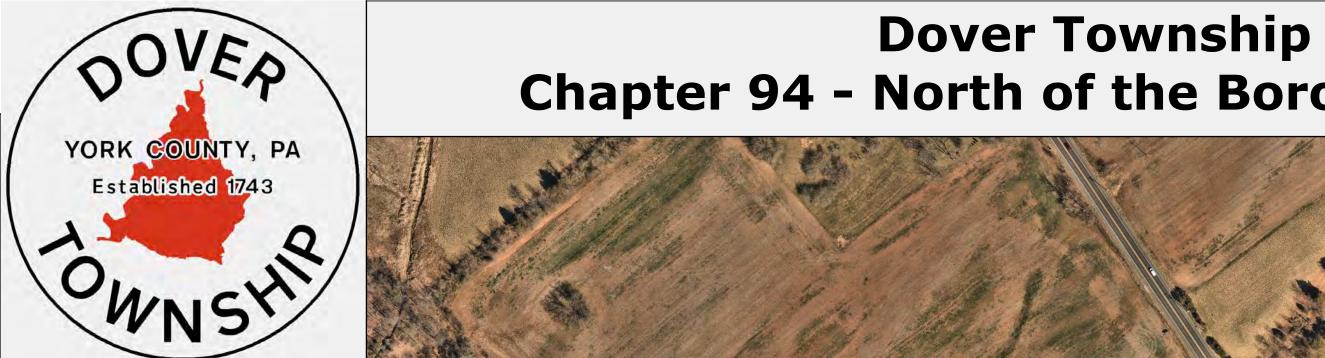
The existing sewers from the Dover Borough Line to a location near the Dollar General Store will be replaced with 2,600 LF of new 8-inch PVC sewer pipe. The replacement of the existing sewers will include the replacement of sanitary sewer service connections in the public rights-of-way between the new pipe and each property's sanitary sewer service clean-out at the rights-of-way line.

Additionally, 650 LF of 8-inch PVC sewers and 3 grinder pump systems are to be installed in Harmony Grove Road to provide sewer facilities to these properties.

A new pump station is being installed on a township parcel on George Street which will provide sewerage facilities for existing properties along George Street and Carlisle Road.

1,500 LF of 8-inch PVC sewers are to be installed to provide sewer services along George Street and Carlisle Road.

The new sewer pipe installation on Harmony Grove Road, George Street and Carlisle Road will include the installation of new sanitary sewer service connections in the public rights-of-way between the new pipe and each property's sanitary sewer service clean-out at the rights-of-way line.



GIS Map Legend

Interceptor Manholes

Interceptor Lines

Collector Manholes

Collector Lines

→ Completed TV

Other Manholes

Conewago Township

→ Other Sewer Lines

Interceptor Lines

Collector Manholes

Collector Lines

→ Completed TV

Other Manholes

Conewago Township Manchester Township

→ Other Sewer Lines

West Manchester Township

North of the Borough Project

Conveyance Fox Run

Palomino

Inspections

→ No TV

→ Laterals

WWTP

Other

**Joint** 

Interceptor Manholes

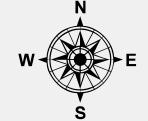
West Manchester Township

Inspections

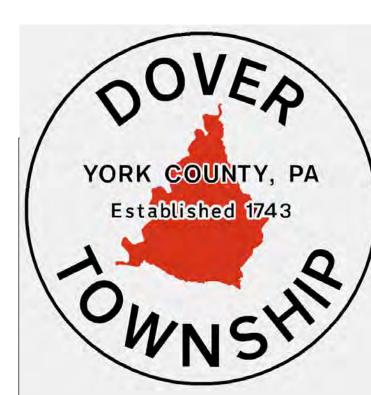
Conveyance Fox Run

Joint

**Created For:** Matthew Helwig







**Created For:** Stanley Jett **Creation Date:** 2/11/2025

0 5001,000 2,000 3,000 4,000 US

Nathan W. Stone Technology Specialis 2480 W Canal Rd Phone: (717) 292-3634 Fax: (717) 292-1136

## GIS Map Legend

Interceptor Manholes

Interceptor Lines Conveyance

Fox Run

Joint

Collector Lines Inspections

→ Completed TV

→ No TV

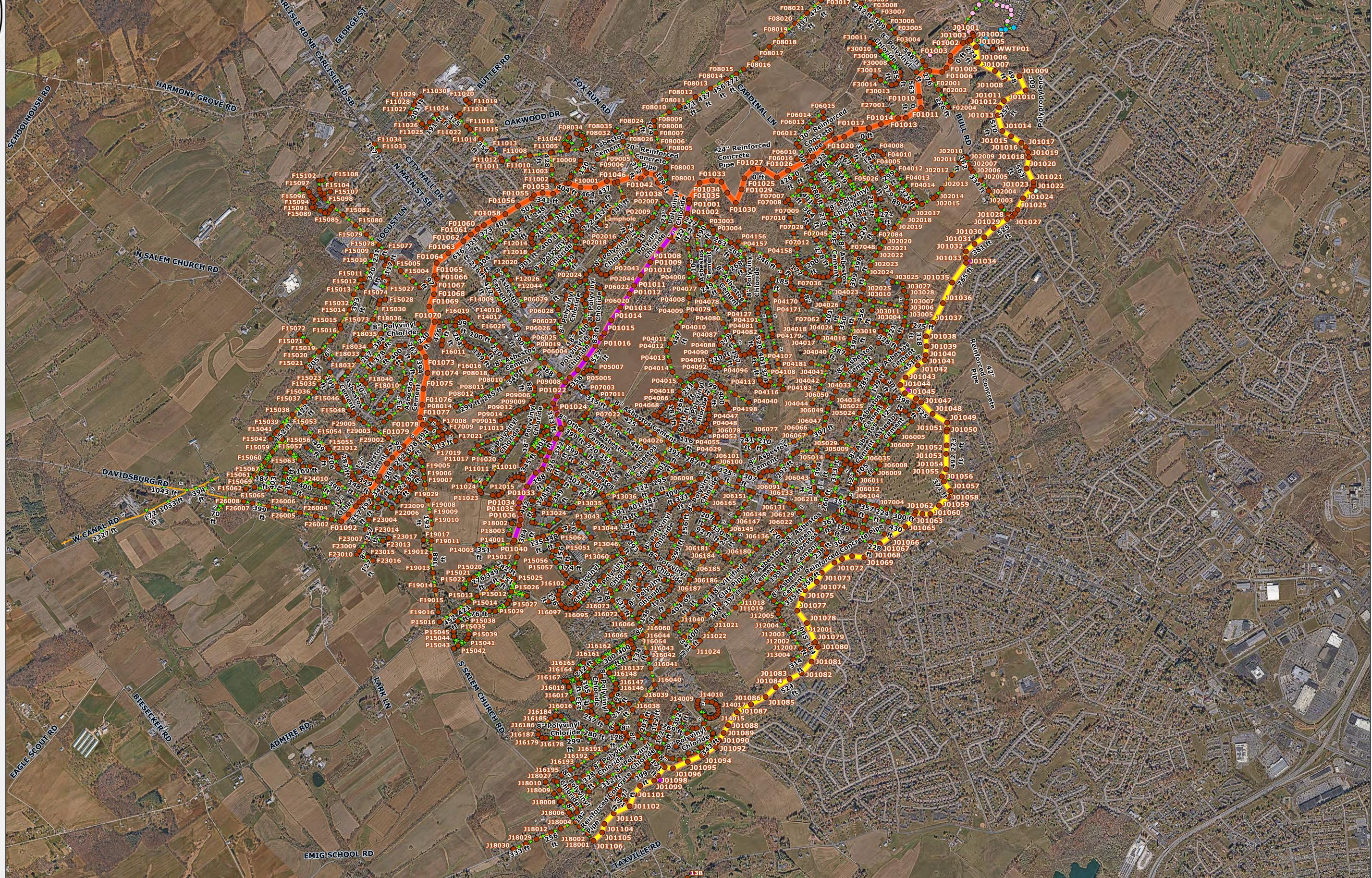
→ Laterals

## Other Manholes

- Conewago Township
- Manchester Township
- West Manchester Township
- → Other Sewer Lines

# **Dover Township Chapter 94 - Sanitary Sewer Map**

**File Save Location:** R:\SEWER\Chapter 94\2025\Sanitary Sewer Map.pdf



### **2024 SANITARY SEWER OVERLOWS:**

There was one Sanitary Sewer Overflow in 2024. It occurred on April 3<sup>rd</sup>, 2024.

From April 1<sup>st</sup> to 3<sup>rd</sup>, 2024, the service area of the Dover Township Wastewater Treatment Plant received a total of 3.2 inches of rain as measured by the WWTP rain gauge. The flow exceeded the carrying capacity of the piping in the case of the manhole included in this report, as well as the pumping capabilities of the WWTP's influent pumping station. There was no observed negative impact to the local environment during this SSO.

Although Dover Township's STP is designed for a normal daily average flow of 8 MGD, the facility is designed for a peak storm flow of 20 MGD. The headworks flow meters (magmeters calibrated annually but not used for DMR flows) recorded an average flow through the plant of 29.4 MGD on the 3rd. The hydraulic load conveyed to the headworks pump station exceed the pumping capability. The resulting overflow of sewage from Manhole# J16007(listed and described below) is due to that overload.

Manhole #J06007 located behind 2002 and 2004 Pineview Dr. On April 6<sup>th</sup>, 2024, the resident contacted Dover Township to report that the manhole appeared to have overflowed during the rain event. We are unsure of an estimated average of the sewage flow out of Manhole #J06007, as it was not seen overflowing by Dover Township staff. No negative impact to the Little Conewago were detected. PA DEP Emergency Line was called at 1711 on April 6, 2024, to notify of the SSO.

### DOVER TOWNSHIP WASTEWATER TREATMENT FACILITY

851 Graffius Road York, PA 17404 (717) 292-4911 fax (717) 292-6889 E-mail: cjordan@dovertownship.org

April 8, 2024

Pennsylvania Department of Environmental Protection Southcentral Regional Office 909 Elmerton Avenue Harrisburg, PA 17110-8200

Attention: Shawn Lesitsky

Environmental Officer Clean Water Program

RE: NPDES Permit # PA0020826

Sanitary Sewer Overflow April 6, 2024

Dear Mr. Lesitsky:

From April 1st to 3rd, 2024, the service area of the Dover Township Wastewater Treatment Plant received a total of 3.2 inches of rain as measured by the WWTP rain gauge. This resulted in one Sanitary Sewer Overflow, during this time, being experienced by the Dover Township sewer collection system. The flow exceeded the carrying capacity of the piping in the case of the manhole included in this report, as well as the pumping capabilities of the WWTP's influent pumping station. There was no observed negative impact to the local environment during this SSO.

Although Dover Township's STP is designed for a normal daily average flow of 8 MGD, the facility is designed for a peak storm flow of 20 MGD. The headworks flow meters (magmeters calibrated annually but not used for DMR flows) recorded an average flow through the plant of 29.4 MGD on the 3rd. The hydraulic load conveyed to the headworks pump station exceed the pumping capability. The resulting overflow of sewage from Manhole# J16007(listed and described below) is due to that overload.

Manhole #J06007 located behind 2002 and 2004 Pineview Dr. On April 6<sup>th</sup>, 2024, the resident contacted Dover Township to report that the manhole appeared to have overflowed during the rain event. We are unsure of an estimated average of the sewage flow out of Manhole #J06007, as it was not seen overflowing by Dover Township staff. No negative impact to the Little Conewago were detected. PA DEP Emergency Line was called at 1711 on April 6, 2024, to notify of the SSO.

If you have any questions, please call (717)292-4911 for Christian or (717) 292-3634 for Matthew.

Sincerely,

Christian Jordan Superintendent

#### **SEWAGE PUMPING STATIONS**

A new pump station was constructed in the northern part of the collection system. It was part of the "North of the Borough" sewer improvement project. This pump station picked up 5 EDU's and was completed in October of 2024. The pump station features twin Gorman Rupp V- Series pumps with a built-in generator backup. The station also features a built in SCADA system that records flow and pump data and sends alarms to the on-call operators.

## 2024 INDUSTRIAL WASTE

No problems have been observed with the system resulting from industry as of 12/31/2024, there were no industrial wastes discharged within the system. Dover Township and the contributing townships are unaware of any significant dischargers of industrial waste into the system at this time. An industrial pretreatment ordinance was adopted by three municipalities in 1998, and Conewago Township adopted this ordinance in 2001.

With the completion of the Northern Interceptor in 1999, several light, non-impacting industries were transferred to the Dover Township wastewater system and removed from the Dover Borough system. The only industrial user permitted within the system, Pfaltzgraff, sold its property in Dover Township in mid-2003. The current owners have no industrial discharge. Industrial waste surveys have been completed, and no industrial permits are in use. EPA has sent a notice that we are exempt from filing an annual industrial report until further notice or until there is an industrial discharger brought online to this system.

## **Solids Management (Sludge) Calculator**

This worksheet calculates the expected sludge volume that should be produced by various treatment processes over a one-year period.

Enter data into green cells - hit the Tab key to move between cells. Red cells are calculated.

Facility Name:	Dover Township Wastev	vater Treatment Faci	Permit No.: PA0020826				Ī
			Enter Dat	е	_		
<b>Evaluation Perio</b>	d: <b>1/1/2024</b>		to	12/31/2	2024		I
							7
Design Flow:	8 MGD		Actual A	Annual Avera	ge Flow:	3.75	MGD
Type of Biologica	al Treatment Process:	Oxida	tion Ditch		Treatm	ent Factor:	0.65
Type of Digestio	n Process:	Aerobic Dig	estion, HDT	= 15	Digestic	on Factor:	0.8
Total Population	Served by Treatment Pla	nt: <b>53,141</b>	]				
Average Annual	Influent BOD5 Load (per 0	Ch. 94 Report):		5,106.0	lbs/day		
Average Annual	Influent BOD5 Load (Expe	cted based on Popula	ntion):	9,034.0	lbs/day	(Population	x 0.17)
% of Influent BO	D5 Load per Ch. 94 Repor	t / Influent Load Expe	cted:	56.5%		ad per Ch. 94 I d based on Pop	
Average Annual	Effluent Concentration of	CBOD5 :	2	mg/L	Assume 2	.4 mg/L BOD	05
Average Annual	Pounds (lbs) of BOD5 Disc	harged:	75.06	lbs/day		ow x Effluent I	
Influent BOD5 Load per Person per Day (based on Ch. 94):			0.096			er Ch. 94 Repo 0.22 is typica	
Pounds of BOD5	Removed (based on Ch. 9	94):	5,030.9	lbs/day		OD5 Load per BOD5 Dischar	
Pounds of BOD5	Removed (based on Popu	ılation):	8,958.9	lbs/day		3OD5 Load Exp Population - E	
Sludge Removed	I from Treatment Plant (P	revious Year):	409.4	Dry Tons	= 8	<b>18,720</b> [	Dry lbs

#### **Sludge Production and Wasting Calculations**

	Based	on Chapter 94 Report		Ва	sed on Population
х	5,030.9 0.65	BOD5 Removed / Day (lbs) Treatment Factor	х	8,958.9 0.65	BOD5 Removed / Day (lbs) Treatment Factor
х	3,270.11 0.8	Daily Solids Production (lbs) Digestion Factor	х	5,823.29 0.8	Daily Solids Production (lbs) Digestion Factor
х	2,616.09 365	Daily Digested Solids (lbs) Days per Year	х	4,658.63 365	Daily Digested Solids (lbs) Days per Year
-	954,872 818,720	Solids Generated / Year (lbs) Solids Actually Wasted / Year (lbs)		1,700,401 818,720	Solids Generated / Year (lbs) Solids Actually Wasted / Year (lbs)
	136,152 86%	Difference (lbs)  % of Expected Volume Wasted (85 - 115% is generally acceptable)		881,681 48%	Difference (lbs)  % of Expected Volume Wasted (85 - 115% is generally acceptable)
	19.2%	Percent Solids of Wasted Solids		19.2%	Percent Solids of Removed Solids
	597,251	Volume of Solids to Remove Annually (gallons)		1,063,563	Volume of Solids to Remove Annually (gallons)
-	512,091 <i>85,160</i>	Volume of Solids Actually Removed Annually (gallons) Difference (gallons)	-	512,091 <i>551,472</i>	Volume of Solids Actually Removed Annually (gallons) Difference (gallons)
	,			,	

## **Alkalinity Required for Nitrification**

Alkalinity is needed for nitrification to meet effluent limits for Ammonia-Nitrogen (NH3-N). For every pound of NH3-N that must be removed / nitrified, 7.2 lbs of alkalinity is required. A residual alkalinity of 50 mg/L is assumed for final effluent to meet pH limits but this value can be adjusted.

Check box if treatment plant has primary clarifier(s):

		Average Monthly				
<b>Influent Flow</b>	Influent NH3-N	Influent Alkalinity	NH3-N Effluent Limit	Alkalinity Desired in		
(MGD)	Concentration (mg/L)	Concentration (mg/L)	(mg/L)	Final Effluent (mg/L)		
3.747	18.635	230	0.363	50		

#### NH3-N that must be removed / nitrified:

 $(18.635 \text{ mg/L} - 0.363 \text{ mg/L}) \times 3.747 \text{ MGD} \times 8.34 = 570.99963456 \text{ lbs/day}$ 

Alkalinity needed for nitification:

570.99963456 lbs/day x 7.2 = 4111.197368832 lbs/day

Alkalinity available for nitrification:

 $(230 \text{ mg/L} - 50 \text{ mg/L}) \times 3.747 \text{ MGD} \times 8.34 = 5624.9964 \text{ lbs/day}$ 

There is sufficient alkalinity for nitrification to achieve NH3-N effluent limits

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	sylvania F ENVIRONMENTAL PROT		SEWAGE SL	SUPPLEME UDGE / BIOSOLII	_		POSAL		
acility Name: lunicipality: /atershed:		wnship STP go Township	Co	ounty: York	<u> </u>	Month: <u>Ja</u> NPDES Per Renewal ap		Year	
			SOLIDS PRODU	ICTION INFORMATION	ON (Identify e	This permit	will expire on: June	9 30, 2022	
Date	Liquid Sev	wage Sludge/B lauled Off-site		Dewatered :	Sewage Sludge lauled Off-site			ge Sludge/Bios and Incinerate	
G	allons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons
/2/24				23.48	19.27	4.52			
10/24				23.15	19.27	4.46			
12/24				23.14	19.27	4.46			
23/24				24.20	19.27	4.66			
24/24				24.46	19.27	4.71			
29/24				24.24	19.27	4.67			
		TOTAL: SEWAGE SLU		S AND INCINERATOR				TOTAL:	
Site I	Name		Ken Moore		wl Farm		en Moore		
	ipality		Fawn		Chanceford		Fawn		
	ınty		York		York		York		
	rmit No.	PA-Y	R-00034-0-0006-l	B PA-YR-00	019-0-00B7-B	PA-YF	R-00034-0-0004		
Type of Material*			biosolids	hio	osolids		biosolids		

Dry Tons Applied/Disposed

Type of Disposal/Use\*

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).

13.89

agricultural utilization

Synagro

Prepared By: Christian L. Jordan	License No.:	S17213
Title: Superintendent	Date:	February 26, 2024

4.70

agricultural utilization

Synagro

4.66

agricultural utilization

Synagro

**Hauler Name** \* See Instructions for explanation.

## INSTRUCTIONS FOR COMPLETING SEWAGE SLUDGE / BIOSOLIDS SUPPLEMENTAL REPORT

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

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

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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	pennsylvania
E	DEPARTMENT OF ENVIRONMENTAL PROTECTION

## SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name:	Dover Township STP		Month: February	Year:	2024
Municipality:	Conewago Township	County: York	NPDES Permit No.:	<del>_</del>	
Watershed:	7-F		Renewal application due 180 days	prior to expiration	on
			This permit will expire on: June 3	0, 2022	_

#### SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

Liquid Sewage Sludge/Biosolids			Dewatered	Dewatered Sewage Sludge/Biosolids			Sewage Sludge/Biosolids				
Date		Hauled Off-site	•	1	Hauled Off-site			Dewatered and Incinerated On-s			
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons		
2/29/24				23.49	19.27	4.53					
2/29/24				23.44	19.27	4.52					
2/29/24				22.94	19.27	4.42					

TOTAL: TOTAL: 13.464 TOTAL:

## SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Hess Family Farm	Spahr Family Farms	Spahr Family Farms	Moore/Matson Farm
Municipality	Licking Creek & Todd	Reading	Reading	Fawn
County	Fulton	Adams	Adams	York
DEP Permit No.	PA-FU-00008-0-0012	PA-AD-00027-0-0009	PA-AD-00027-0-0007	PA-YR-00031-0-0014
Type of Material*	biosolids	biosolids	biosolids	biosolids
Dry Tons Applied/Disposed	9.15	4.72	4.80	4.60
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization
Hauler Name	Synagro	Synagro	Synagro	Synagro

<sup>\*</sup> See Instructions for explanation.

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:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	March 22, 2024

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	pennsylvania	
	permayevania	

## SUPPLEMENTAL REPORT

	penns DEPARTMENT OF	SYLVANI ENVIRONMENTAL PRO	a TECTION	SEWAGE SL	UDGE /	BIOSOLI	DS PRODUC	CTION AND I	DISPOSA	AL		
Facility N	Name:	Dover To	wnship STP					Month:	February	v	Year	: <b>2024</b>
Municipa			go Township		unty: Y	ork			Permit No			
Watersh	•	7-F			, <u> </u>			Renewal	l application	on due <b>180 da</b>	ys prior to exp	iration
										pire on: Jun		
		NEW 4 0 E 0		001 100 000011	OTIONI	NEODIA.	1011 (1)			·		
	S	SEWAGE SI	LUDGE / BIO	SOLIDS PRODU	CHONI	NFORMAI	ION (Identify	each off-site	removal	event and inc	ineration eve	nt)
Che	ck here it	f there were	no off-site remo	oval events during t	ne month	)						
		Liquid Se	wage Sludge/l	Biosolids		Dewatered	Sewage Sludg	je/Biosolids		Sewa	ge Sludge/Bios	olids
Date			Hauled Off-site	•			Hauled Off-site	e		Dewatered	I and Incinerate	ed On-site
	G	allons	% Solids	Dry Tons	Tons	Dewatered	% Solids	Dry Tons	Tor	ns Dewatered	% Solids	Dry Tons
			TOTAL:				TOTAL:				TOTAL:	
			SEWAGE SL	UDGE / BIOSOLID	S AND IN	NCINERATO	R ASH DISPOS	SAL AND BENE	EFICIAL U	SE INFORMAT	ION	
				(Identify all s	ites whe	re biosolids	or ash were d	isposed or lan	d applied)	)		
	Site N	lame	Mo	ore/Matson Farm								
	Munici	ipality		Fawn								
	Cou	nty		York								
	DEP Per	mit No.	PA	-YR-00031-0-0009								
7	Type of N	/laterial*		biosolids								
Dry Tons Applied/Disposed 4.71												
Type of Disposal/Use* agricultural utilization												
	Hauler	Name		Synagro								
* See Ins	tructions	for explanati	on.									
I certify un	der penalt	ty of law that th	nis document wa	s prepared under my	direction o	or supervision	in accordance wit	h a system desig	ned to assu	re that qualified p	ersonnel gather a	nd
evaluate th	ne informa	ation submitted	I. Based on my ir	nquiry of the person or	persons	who manage t	he system or tho	se persons directl	ly responsib	le for gathering th	e information, the	•
information	n submitte	ed is, to the be	st of my knowled	ge and belief, true, ac	curate an	d complete. I	am aware that the	ere are significant	t penalties fo	or submitting false	e information, incl	uding the
possibility	of fine and	d imprisonmen	t for knowing vio	lations. See 18 Pa. C	.S. § 4904	4 (relating to u	nsworn falsification	on).				
		Prenared	By: Christia	n I Jordan			Lice	ense No.:		S17213		
		Title:	Superin				Date		ch 22, 20			

## INSTRUCTIONS FOR COMPLETING SEWAGE SLUDGE / BIOSOLIDS SUPPLEMENTAL REPORT

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

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

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

3800-FM-E	3CW0438 3/2012
	pennsylvania
	DEPARTMENT OF ENVIRONMENTAL PROTECTION

## SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name:	Dover Township STP		Month: March	Year: <b>2024</b>	
Municipality:	Conewago Township	County: York	NPDES Permit No.:		
Watershed:	7-F		Renewal application due 180 da	ays prior to expiration	
			This permit will expire on: Jun	ne 30, 2022	

#### SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge/Biosolids				Dewatered Sewage Sludge/Biosolids			Sewage Sludge/Biosolids		
Date		Hauled Off-site			Hauled Off-site		Dewatered and Incinerated On-site			
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	
3/8/24				23.48	19.27	4.52				
3/11/24				23.82	19.27	4.59				
3/12/24				23.87	19.27	4.60				
3/12/24				23.25	19.27	4.48				
3/13/24				23.48	19.27	4.52				
3/26/24				23.44	19.27	4.52				
3/26/24				22.97	19.27	4.43				

TOTAL: TOTAL: 31.663 TOTAL:

## SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Long 1	Ken Moore	Ken Moore	Crowl Farm
Municipality	Milford	Fawn	Fawn	Lower Chanceford
County	Juniata	York	York	York
DEP Permit No.	PA-JU-00005-0-000G	PA-YR-00034-0-0006-B	PA-YR-00034-0-0002-A	PA-YR-00019-0-00B4
Type of Material*	biosolids	biosolids	biosolids	biosolids
Dry Tons Applied/Disposed	9.18	4.46	9.12	4.67
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization
Hauler Name	Synagro	Synagro	Synagro	Synagro

<sup>\*</sup> See Instructions for explanation.

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:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	April 24, 2024

3800-FM-E	3CW0438 3/2012	
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## **SUPPLEMENTAL REPORT**

per	NNSYWANIA MENT OF ENVIRONMENTAL PROTECT	TION	SEWAGE SLU	DGE / BIOSOL	IDS PRODUC	TION AN	ND DISP	OSAL		
Facility Nam	ne: <b>Dover Tow</b>	nship STP				Mont	th: <b>Mar</b> c	ch.	Year	2024
Municipality: Watershed:	Conewago 7-F	Township		nty: York		NPD Rene This	ES Perm ewal appli permit wi	it No.: ication due <u>180 da</u> Il expire on: <u>Jun</u>	<u>ys</u> prior to exp e <b>30, 2022</b>	iration
	SEWAGE SLU	IDGE / BIOS	SOLIDS PRODUC	TION INFORMA	TION (Identify	each off-s	site remo	val event and inc	ineration ever	nt)
Check he	ere if there were no									-
B		ige Sludge/B		Dewatere	d Sewage Sludg		ls		ge Sludge/Bios	
Date Hauled Off-sit Gallons % Solids			Dry Tons	Tons Dewatered	Hauled Off-site % Solids		[one	Dewatered Tons Dewatered	I and Incinerate % Solids	
	Gallons	% Solius	Dry Tons	Tons Dewatered	% 30llus	Dry T	IONS	Tons Dewatered	% Solids	Dry Tons
		TOTAL			TOTAL				TOTAL	
		TOTAL:			TOTAL:				TOTAL:	
	S	<b>EWAGE SLU</b>	DGE / BIOSOLIDS	AND INCINERATO	OR ASH DISPOS	SAL AND B	BENEFICIA	AL USE INFORMAT	ION	
			(Identify all site	es where biosolid	s or ash were d	isposed or	r land app	lied)		
S	ite Name		Long 1	Jin	n Jett Farm					
Mι	unicipality		Milford	Wes	t Providence					
	County		Juniata		Bedford					
	Permit No.	PA-	JU-00005-0-000M		00001-0-00001-B					
	of Material*		biosolids		biosolids					
	Applied/Disposed	<del>-</del>	8.94		8.95					
• •	f Disposal/Use*	agrı	cultural utilization		Itural utilization					
<u> </u>	uler Name		Synagro		Synagro					
	tions for explanation									
	•			•		•	ū	assure that qualified p	•	nd
		•		-	•	•		onsible for gathering th		allia as Ala a
	·	, ,		•		Ū	ricant penal	ties for submitting false	e information, inclu	iaing the
Possibility of th	ne and imprisonment fo	_		o. 8 4904 (relating to	unswom taisincatio	лт).				
		y: <b>Christian</b>				nse No.:		S17213		
	Title:	Superinte	endent	_	Date	e: _	April 24,	2024		

## INSTRUCTIONS FOR COMPLETING SEWAGE SLUDGE / BIOSOLIDS SUPPLEMENTAL REPORT

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

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

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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	DEPARTMENT OF ENVIRONMENTAL PROTECTION

## SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name:	Dover Township STP		Month: April	Year:	2024
Municipality:	Conewago Township	County: York	NPDES Permit No.:		
Watershed:	7-F		Renewal application due 180	days prior to expirate	tion
			This permit will expire on:	lune 30, 2022	<u>_</u>

#### SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge/Biosolids Hauled Off-site			Dewatered	Sewage Sludge	e/Biosolids	Sewage Sludge/Biosolids		
Date					Hauled Off-site			Dewatered and Incinerated On-site	
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons
4/9/24				24.04	19.27	4.63			
4/9/24				23.24	19.27	4.48			
4/10/24				23.77	19.27	4.58			
4/17/24				24.24	19.27	4.67			
4/18/24				24.22	19.27	4.67			
4/18/24				23.15	19.27	4.46			
4/19/24				23.44	19.27	4.52			
4/19/24				22.82	19.27	4.40			
4/19/24				22.51	19.27	4.34			

TOTAL: TOTAL: 40.743 TOTAL:

## SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Paul A. Martin Farm	Donald Wilson Farm	Malone	Crowl Farm
Municipality	Montgomery	Fawn	Peach Bottom	Lower Chanceford
County	Franklin	York	York	York
DEP Permit No.	PA-FR-00006-0-0009	PA-YR-00015-0-0022-A	PA-YR-00039-0-0009-B	PA-YR-00019-0-00A2
Type of Material*	biosolids	biosolids	biosolids	biosolids
Dry Tons Applied/Disposed	18.19	4.58	4.67	4.67
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization
Hauler Name	Synagro	Synagro	Synagro	Synagro

<sup>\*</sup> See Instructions for explanation.

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:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	May 27, 2024

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	pennsylvania

## SUPPLEMENTAL REPORT

		ylvania WIRONMENTAL PROTECTIO	ON	SEWAGE SL	UDGE / BIOSOLI	DS PRODUC		POSAL		
Facility N Municipa Watershe	ılity:	Dover Towr Conewago 7-F		Co	unty: <b>York</b>			mit No.: plication due <u>180 da</u>		
☐ Chec				SOLIDS PRODU		ION (Identify e	·	will expire on: <u>June</u>	•	nt)
Date		Liquid Sewa	ge Sludge/E led Off-site			Sewage Sludge Hauled Off-site	/Biosolids		ge Sludge/Bios and Incinerate	
Date	Gal		ied On-site % Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons
				· ·			•			· ·
			TOTAL:			TOTAL:			TOTAL:	
		SE	WAGE SLI	JDGE / BIOSOLID	S AND INCINERATO	R ASH DISPOS	AL AND BENEFIC	IAL USE INFORMATI	ON	
				(Identify all s	ites where biosolids	or ash were dis	sposed or land ap	oplied)		
	Site Na	ıme		Crowl Farm		owl Farm				
	Municip	ality	Lo	ower Chanceford	Lower	Chanceford				
	Coun	-		York		York				
I	DEP Perm	-	PA-	YR-00019-0-00B1	PA-YR-	00019-0-00B2				
Т	ype of Ma	aterial*		biosolids	b	iosolids				
Dry To	ns Applie	ed/Disposed		13.38		4.34				
Тур	e of Disp	osal/Use*	agı	icultural utilization	agricult	ural utilization				
	Hauler N	lame		Synagro	S	Synagro				
* See Inst	ructions for	or explanation.	_							
I certify und	der penaltv	of law that this of	document was	s prepared under my	direction or supervision	in accordance with	a system designed	to assure that qualified pe	ersonnel gather ar	ıd
•	. ,				•		,	sponsible for gathering th	•	
information	submitted	is, to the best of	my knowled	ge and belief, true, ac	curate and complete. I	am aware that the	e are significant per	nalties for submitting false	information, inclu	ding the
possibility of	of fine and i	imprisonment for	r knowing viol	ations. See 18 Pa. C	S.S. § 4904 (relating to u	nsworn falsification	n).			
		Prepared By	· Christia	l lordan		Licor	se No.:	S17213		
		Title:	Superint			Date				

## INSTRUCTIONS FOR COMPLETING SEWAGE SLUDGE / BIOSOLIDS SUPPLEMENTAL REPORT

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

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

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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	DEPARTMENT OF ENVIRONMENTAL PROTECTION

## SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name:	Dover Township STP		Month: May	Year:	2024
Municipality:	Conewago Township	County: York	NPDES Permit No.:		
Watershed:	7-F	<del>-</del>	Renewal application due 180	days prior to expirat	ion
			This permit will expire on: _J	une 30, 2022	_

#### SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge/Biosolids Hauled Off-site			Dewatered	Sewage Sludge	e/Biosolids	Sewage Sludge/Biosolids		
Date					Hauled Off-site			Dewatered and Incinerated On-site	
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons
5/10/24				23.13	19.27	4.46			
5/13/24				22.93	19.27	4.42			
5/21/24				23.51	19.27	4.53			
5/21/24				24.06	19.27	4.64			
5/29/24				24.21	19.27	4.67			
5/29/24				24.99	19.27	4.82			
5/30/24				23.70	19.27	4.57			
5/31/24				23.00	19.27	4.43			

TOTAL: TOTAL: 36.522 TOTAL:

## SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Deimler Farm	Watson Farm	Watson Farm	Watson #2	
Municipality	Juniata	Hopewell	Hopewell	Letterkenny & Lurgan	
County	Perry	Cumberland	Cumberland	Franklin	
DEP Permit No.	PA-PE-00006-0-0004-B	PA-CU-00010-0-0004-C	PA-CU-00010-0-0004-A	PA-FR-00025-0-0006	
Type of Material*	biosolids	biosolids	biosolids	biosolids	
Dry Tons Applied/Disposed	47.28	23.13	23.51	24.06	
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization	
Hauler Name	Synagro	Synagro	Synagro	Synagro	

<sup>\*</sup> See Instructions for explanation.

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:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	June 26, 2024

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	pennsylvania

## SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

	DEPARTMENT OF E	ENVIRONMENTAL PROTEC	TION	SEWAGE SLI	UDGE / BIOSOLII	DS PRODUC	TION AND DIS	POSAL			
Facility N	Name:	Dover Tow	nship STP				Month: <b>Ma</b>	V	Year	2024	
Municipality: Conewago T							NPDES Peri				
Watersh	ed:	7-F						olication due <u>180 da</u>		iration	
							This permit v	will expire on: Jun	e 30, 2022		
	S	EWAGE SLU	JDGE / BIOS	SOLIDS PRODUC	CTION INFORMATI	ON (Identify	each off-site rem	oval event and inc	ineration ever	nt)	
☐ Che				val events during th		` ,				,	
	lett Here H	Liquid Sewage Sludge/Biosolids				Dewatered Sewage Sludge/Biosolids		ids Sewage Sludge/Biosolids			
Date		Hauled Off-site			Hauled Off-site			Dewatered and Incinerated On-site			
I		llons	% Solids	Dry Tons	Tons Dewatered % Solids		Dry Tons	Tons Dewatered % Solids Dry Tons			
				<u> </u>						, in the second	
			TOTAL:			TOTAL:			TOTAL:		
		S	SEWAGE SLU					IAL USE INFORMAT	ION		
T:				(Identify all si	ites where biosolids	or ash were di	sposed or land ap	pplied)			
	Site N										
	Municip	-									
	Cour DEP Perr										
	Type of M										
	•	ed/Disposed									
		osal/Use*									
	Hauler I	Name									
* See Ins	tructions f	for explanatior	۱.								
I certify un	der penalty	of law that this	document was	prepared under my	direction or supervision i	n accordance with	n a system designed t	to assure that qualified p	ersonnel gather a	nd	
			•			•		sponsible for gathering th	·		
					•			alties for submitting false	e information, inclu	iding the	
possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).											
		Prepared B	y: <b>Christian</b>			Lice	nse No.:	S17213			
		Title:	Superinte	endent		Date	e: <u>June 18</u>	3, 2024			

## INSTRUCTIONS FOR COMPLETING SEWAGE SLUDGE / BIOSOLIDS SUPPLEMENTAL REPORT

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
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#### Biosolids and Incinerator Ash Disposal and Beneficial Use Information

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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	pennsylvania
	DEPARTMENT OF ENVIRONMENTAL PROTECTION

Facility Name:	Dover Township STP		Month: June	Year:	2024
Municipality:	Conewago Township	County: York	NPDES Permit No.:		,
Watershed:	7-F	<del>-</del>	Renewal application due 180	days prior to expirat	ion
			This permit will expire on:	une 30, 2022	_

### SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge/Biosolids Hauled Off-site			Dewatered	Dewatered Sewage Sludge/Biosolids			Sewage Sludge/Biosolids		
Date					Hauled Off-site		Dewatered	and Incinerate	ed On-site	
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	
6/4/24				23.69	19.27	4.57				
6/4/24				22.95	19.27	4.42				
6/12/24				23.53	19.27	4.53				
6/17/24				22.27	19.27	4.29				
6/17/24				23.46	19.27	4.52				
6/19/24				22.55	19.27	4.35				
6/20/24				24.08	19.27	4.64				
6/20/24				23.50	19.27	4.53				
6/27/24				23.54	19.27	4.54				

TOTAL: TOTAL: 40.384 TOTAL:

# SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Crowl Farm	Grosso Farm	Groso Farm	Grosso Farm
Municipality	Lower Chanceford	Saville	Saville	Saville
County	York	Perry	Perry	Perry
DEP Permit No.	PA-YR-00019-0-00B8	PA-PE-00005-0-0003-D	PA-PE-00005-0-0003-B	PA-PE-00005-0-0003-A
Type of Material*	biosolids	biosolids	biosolids	biosolids
Dry Tons Applied/Disposed	4.42	9.24	4.43	2.21
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization
Hauler Name	Synagro	Synagro	Synagro	Synagro

<sup>\*</sup> See Instructions for explanation.

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:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	July 25, 2024

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	pennsylvania

Facility Name: Municipality: Watershed:		ownship STP go Township		unty: York		Month: <u>Ju</u> NPDES Per	ne	Year	
watersneu.	7-1						will expire on: <b>Jun</b>		iration
	SEWAGE S	SLUDGE / BIO	SOLIDS PRODU	CTION INFORMAT	ION (Identify e	ach off-site ren	noval event and inc	ineration ever	nt)
			val events during the		, ,				,
	Liquid Se	ewage Sludge/E	Biosolids	Dewatered	Sewage Sludge	e/Biosolids	Sewa	ge Sludge/Bios	olids
Date		Hauled Off-site			Hauled Off-site			d and Incinerate	
(	Sallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons
				-					
		TOTAL:		<u> </u>	TOTAL:			TOTAL:	
		SEWAGE SLU					CIAL USE INFORMAT	ION	
Cito	Nama	<u> </u>	Grosso Farm	ites where biosolids				I	
	Name cipality		Tyrone & Saville		sso Farm Saville		osso Farm one & Saville		
	unty		Perry		Perry	Tyle	Perry		
	ermit No.	PA-F	PE-00005-0-0003-H		0005-0-0003-I	PA-PE-	00005-0-0003-G		
	Material*		biosolids		iosolids		biosolids		
Dry Tons App		ed	2.21		4.57		4.53		
	sposal/Use*		icultural utilization	agricult	ural utilization	agricu	Itural utilization		
Haule	r Name		Synagro	S	Synagro		Synagro		
* See Instructions	s for explanat	tion.							
I certify under pena	alty of law that t	this document was	prepared under my	direction or supervision	in accordance with	a system designed	to assure that qualified p	ersonnel gather a	nd
		•			-	•	sponsible for gathering th		
	•	,	•	•			nalties for submitting false	e information, inclu	iding the
possibility of fine ar	na imprisonmei	nt for knowing viol	ations. See 18 Pa. C	C.S. § 4904 (relating to u	nsworn falsification	1).			
	Prepared	d By: <b>Christia</b> r	ı L. Jordan		Licer	se No.:	S17213		
	Title:	Superint	endent		Date	: July 25	, 2024		

# INSTRUCTIONS FOR COMPLETING SEWAGE SLUDGE / BIOSOLIDS SUPPLEMENTAL REPORT

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

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

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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	pennsylvania
	DEFANTMENT OF ENVIRONMENTAL PROTECTION

Facility Name:	Dover Township STP		Month: <b>July</b>	Year:	2024
Municipality:	Conewago Township	County: York	NPDES Permit No.:		
Watershed:	7-F		Renewal application due 180 c	lays prior to expirat	tion
			This permit will expire on: Ju	ne 30, 2022	_

### SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge/Biosolids			Dewatered Sewage Sludge/Biosolids Hauled Off-site			Sewage Sludge/Biosolids		
Date	Hauled Off-site							and Incinerate	ed On-site
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons
7/1/24				23.38	18.83	4.40			
7/2/24				23.43	18.83	4.41			
7/2/24				23.86	18.83	4.49			
7/2/24				23.97	18.83	4.51			
7/2/24				23.34	18.83	4.39			
7/3/24				23.23	18.83	4.37			
7/23/24				23.48	18.83	4.42			
7/23/24				23.12	18.83	4.35			
7/30/24				22.60	18.83	4.26			
7/31/24				23.53	18.83	4.43			

TOTAL: TOTAL: 44.051 TOTAL:

# SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Long 2	Grosso Farm	Grosso Farm	Spahr Family Farms
Municipality	Milford	Tyron & Saville	Saville	Reading
County	Juniata	Perry	Perry	Adams
DEP Permit No.	PA-JU-00006-0-0004	PA-PE-00005-0-0004	PA-PE-00005-0-0003-J	PA-AD-00027-0-0004
Type of Material*	biosolids	biosolids	biosolids	biosolids
Dry Tons Applied/Disposed	4.53	8.81	13.52	8.94
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization
Hauler Name	Synagro	Synagro	Synagro	Synagro

<sup>\*</sup> See Instructions for explanation.

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:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	August 23, 2024

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	pennsylvania

	DEPARTMENT OF ENVIR	ONMENTAL PROTECTION	ИС	SEWAGE SL	UDGE / BIOSOLI	DS PRODUC	TION AI	ND DISF	POSAL		
Facility N	Name: D	over Town	ship STP				Mon	th: July	1	Year	2024
Municipa		onewago		Со	unty: York			ES Perm			
Watersh		-F							lication due 180 da	vs prior to exp	iration
	·		_						ill expire on: June		
								•			<del></del>
	SEW	VAGE SLUI	DGE / BIOS	SOLIDS PRODU	CTION INFORMAT	ION (Identify e	each off-	site remo	oval event and inc	ineration eve	nt)
Che	ck here if the	ere were no c	off-site remov	val events during t	he month						
	L	iquid Sewaç	ge Sludge/B	iosolids	Dewatered	Sewage Sludge	e/Biosolic	ls	Sewag	ge Sludge/Bios	olids
Date		Hau	led Off-site			Hauled Off-site			Dewatered	and Incinerate	ed On-site
	Gallo	ns %	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry 1	Tons	Tons Dewatered	% Solids	Dry Tons
		•	TOTAL:		-	TOTAL:				TOTAL:	
		C.F	WACE CLU	IDOE / BIOSOL ID	C AND INCINITRATO	D ACH DICDOC	AL AND F	CNEELOL	AL LICE INCODMATI	ON	
		30	WAGE SLU		S AND INCINERATO sites where biosolids					ON	
	Site Name		Sna	hr Family Frams		ong 1	sposeu o			Lom	in Farm
	Municipali		Эра	Reading		Milford			Long 2 Milford		Todd
	County	ity		Adams		Juniata			luniata		ntington
	DEP Permit	No.	PA-	AD-00027-0-0003		00005-0-000H			00006-0-0006		0005-0-0005
	Type of Mate			biosolids		iosolids			iosolids		osolids
	ons Applied/			22.71		4.42			4.35		4.26
	e of Dispos		agri	cultural utilization	agricult	ural utilization		agricultu	ural utilization	agricultu	ral utilization
Hauler Name Synagro		S	Synagro		S	ynagro	Sy	nagro			
* See Ins	tructions for	explanation.									
I certify un	der penalty of	law that this d	document was	prepared under my	direction or supervision i	in accordance with	a system o	designed to	assure that qualified pe	ersonnel gather a	nd
-					r persons who manage t		•	-	·	-	
information	n submitted is,	to the best of	my knowledg	e and belief, true, ad	ccurate and complete. I	am aware that the	re are signi	ficant pena	lties for submitting false	information, inclu	uding the
possibility	of fine and imp	prisonment for	r knowing viola	ations. See 18 Pa. 0	C.S. § 4904 (relating to u	nsworn falsification	n).				
	Р	repared By	: Christian	L. Jordan		Licer	nse No.:		S17213		
		itle:	Superinte			Date		August 2			
					_				•		

# INSTRUCTIONS FOR COMPLETING SEWAGE SLUDGE / BIOSOLIDS SUPPLEMENTAL REPORT

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

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

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

3800-FM-E	3CW0438 3/2012
	pennsylvania
	DEPARTMENT OF ENVIRONMENTAL PROTECTION

Facility Name:	Dover Township STP		Month: August	Year: <b>2024</b>
Municipality:	Conewago Township	County: York	NPDES Permit No.:	
Watershed:	7-F		Renewal application due 180 day	ys prior to expiration
			This permit will expire on: June	2 30, 2022

### SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge/Biosolids Hauled Off-site			Dewatered	Sewage Sludge	e/Biosolids	Sewage Sludge/Biosolids		
Date					Hauled Off-site		Dewatered and Incinerated On-site		
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons
8/12/24				23.64	18.83	4.45			
8/12/24				23.63	18.83	4.45			
8/14/21				23.23	18.83	4.37			
8/14/24				23.50	18.83	4.43			
8/15/24				23.40	18.83	4.41			
8/20/24				23.30	18.83	4.39			
8/26/24				23.10	18.83	4.35			
8/29/24				23.68	18.83	4.46			
	·		·			·			

TOTAL: TOTAL: 35.302 TOTAL:

# SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Grosso Farm	Lemin Farm	Deimler Farm	Lemin Farn
Municipality	Tyrone	Todd	Juniata	Todd
County	Perry	Huntington	Perry	Huntington
DEP Permit No.	PA-PE-00005-0-0002	PA-HU-00005-0-0004	PA-PE-00005-0-0004-A	PA-HU-00005-0-0002
Type of Material*	biosolids	biosolids	biosolids	biosolids
Dry Tons Applied/Disposed	4.43	17.66	4.45	8.74
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization
Hauler Name	Synagro	Synagro	Synagro	Synagro

<sup>\*</sup> See Instructions for explanation.

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:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	September 23, 2024

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	pennsylvania	

# **SUPPLEMENTAL REPORT**

	DETITIES DEPARTMENT OF	ENVIRONMENTAL PROTE	CTION	SEWAGE SLU	UDGE / BIOSOLII	DS PRODUC	TION AND DIS	POSAL		
Facility Municip	Name:		wnship STP o Township	Cou	unty: <b>York</b>		Month: <u>Au</u> NPDES Peri	gust	Year:	2024
Waters		7-F	<u> </u>				Renewal app	olication due 180 da		ration
☐ Ch				SOLIDS PRODUCTION  val events during the		ON (Identify of	each off-site rem	oval event and inc	ineration ever	nt)
Liquid Sewage Sludge/Biosolids Dewatered Sewage Sludge/Biosolids Sewage Sludge/Biosolids Date Hauled Off-site Dewatered and Incinerated										
20	G	allons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered  % Solids		
	-		TOTAL:			TOTAL:			TOTAL:	-
		;	SEWAGE SLU		S AND INCINERATO			IAL USE INFORMAT	ION	
	Site N	lame		Deimler Farm				1		
	Munici	ipality		Juniata						
	Cou			Perry						
	DEP Per		PA-	PE-00006-0-0015						
Dm.	Type of N		.	biosolids 4.46						
		lied/Disposed posal/Use*		icultural utilization						
• .	Hauler		agi	Synagro						
* See Ir		for explanatio	n.	<del>, , , , , , , , , , , , , , , , , , , </del>					<u> </u>	
I certify ι	ınder penal	tv of law that thi	s document was	prepared under my o	direction or supervision i	n accordance with	h a system designed t	to assure that qualified p	ersonnel gather ar	nd
•	•	•			•		,	sponsible for gathering th	•	
					·			alties for submitting false	e information, inclu	iding the
possibilit	y of fine and	d imprisonment	for knowing viol	ations. See 18 Pa. C	S.S. § 4904 (relating to un	nsworn falsificatio	n).			
		Prepared E	By: <b>Christian</b>	L. Jordan		Lice	nse No.:	S17213		
		Title:	Superint			Date	Septem	ber 23, 2024		

# INSTRUCTIONS FOR COMPLETING SEWAGE SLUDGE / BIOSOLIDS SUPPLEMENTAL REPORT

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

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

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

3800-FM-E	3CW0438 3/2012
	pennsylvania
	DEPARTMENT OF ENVIRONMENTAL PROTECTION

Facility Name:	Dover Township STP		Month: September	Year:	2024
Municipality:	Conewago Township	County: York	NPDES Permit No.:		
Watershed:	7-F		Renewal application due 180 da	<b>/s</b> prior to expirat	ion
			This permit will expire on: June	30, 2022	_

### SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge/Biosolids Hauled Off-site			Dewatered	Sewage Sludg	e/Biosolids	Sewage Sludge/Biosolids			
Date					Hauled Off-site			Dewatered and Incinerated On-site		
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	
9/5/24				23.51	18.83	4.43				
9/6/24				22.63	18.83	4.26				
9/6/24				22.50	18.83	4.24				
9/9/24				22.65	18.83	4.26				
9/11/24				22.82	18.83	4.30				
9/12/24				22.80	18.83	4.29				
9/16/24				22.79	18.83	4.29				

TOTAL: TOTAL: 30.072 TOTAL:

# SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Jeff Mowrer	Jeff Mowrer	Jeff Mowrer	Jeff Mowrer
Municipality	Centre/Savile/Spring	Centre/Savile/Spring	Centre/Savile/Spring	Centre/Savile/Spring
County	Perry	Perry	Perry	Perry
DEP Permit No.	PA-PE-00001-0-0001-I	PA-PE-00001-0-0001-G	PA-PE-0001-0-0001-H	PA-PE-00001-0-0001-F
Type of Material*	biosolids	biosolids	biosolids	biosolids
Dry Tons Applied/Disposed	4.43	4.26	4.24	8.56
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization
Hauler Name	Synagro	Synagro	Synagro	Synagro

<sup>\*</sup> See Instructions for explanation.

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:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	October 23, 2024

3800-FM-E	3CW0438 3/2012	
	pennsylvania	
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# **SUPPLEMENTAL REPORT**

P	PARTMENT OF ENVIRONMEN	ania NTAL PROTECTION	N	SEWAGE SL	UDGE	/ BIOSOLI	DS PRODUC	TION AND	DISP	POSAL		
Facility Na	ame. <b>Dov</b> e	er Town	ship STP					Month	Sen	tember	Year	: <b>2024</b>
Municipali			ownship	Co	unty: `	York			S Perm			
Watershe			Т		_					lication due 180 da	ys prior to exp	iration
			•							ill expire on: Jun		
	CEMAC	,	CE / DIOS	SOLIDE BRODIL	CTION	LINEODMAT	ION (Identify)	aaab aff air			in avatian ava	-4\
							ION (Identify	each on-sii	e remo	oval event and inc	ineration ever	nt)
Cneck				val events during t	ne mon		2 21 1	/DI			O: 1 (D)	
Doto	Liqui		e Sludge/B				Sewage Sludg				ge Sludge/Bios	
Date	Gallons		ed Off-site Solids		Ton		Hauled Off-site % Solids		nc		I and Incinerate % Solids	
	Gallons	70	Solius	Dry Tons	1011	s Dewatered	% 30IIus	Dry To	ns	Tons Dewatered	% Solius	Dry Tons
							<del> </del>					
							<del> </del>					
			TOTAL:				TOTAL:				TOTAL:	
		SF	WAGE SI U	IDGE / BIOSOLID	S AND	INCINERATO	R ASH DISPOS	SAL AND BE	NEFICIA	AL USE INFORMAT	ION	
		<u> </u>					or ash were d					
	Site Name			Jeff Mowrer						,		
	Municipality			ntre/Savile/Spring								
	County			Perry								
D	EP Permit No.		PA-P	E-00001-0-0001-D	)							
Ту	pe of Material	<b> </b> *		biosolids								
	ns Applied/Dis			8.58								
Type of Disposal/Use* agricultural utilization												
l	Hauler Name			Synagro								
* See Instru	uctions for expl	lanation.										
I certify unde	er penalty of law	that this do	ocument was	prepared under my	direction	or supervision	in accordance wit	h a system de:	signed to	assure that qualified p	ersonnel gather a	nd
evaluate the	information sub	mitted. Bas	sed on my ind	quiry of the person or	r person	s who manage t	he system or thos	se persons dire	ectly resp	onsible for gathering th	e information, the	
						•		-	ant pena	Ities for submitting false	e information, inclu	uding the
possibility of	f fine and impriso	onment for	knowing viola	ations. See 18 Pa. C	S.S. § 49	004 (relating to u	nsworn falsification	on).				
	Prep	ared Bv:	Christian	L. Jordan			Lice	nse No.:		S17213		
	Title:		Superinte				Date	_	ctober	23, 2024		

# INSTRUCTIONS FOR COMPLETING SEWAGE SLUDGE / BIOSOLIDS SUPPLEMENTAL REPORT

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

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

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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E	DEPARTMENT OF ENVIRONMENTAL PROTECTION

Facility Name:	Dover Township STP		Month: October	Year: <b>2024</b>
Municipality:	Conewago Township	County: York	NPDES Permit No.:	
Watershed:	7-F	<del>-</del>	Renewal application due 180 day	ys prior to expiration
			This permit will expire on: June	e 30, 2022

### SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid S	Sewage Sludge/B			Sewage Sludg		Sewage Sludge/Biosolids		
Date		Hauled Off-site			Hauled Off-site		Dewatered	and Incinerate	ed On-site
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons
10/3/24				23.50	19.03	4.47			
10/8/24				23.25	19.03	4.42			
10/10/24				23.51	19.03	4.47			
10/11/24				22.57	19.03	4.30			
10/11/24				22.37	19.03	4.26			
10/11/24				22.50	19.03	4.28			
10/21/24				22.67	19.03	4.31			
10/23/24				22.79	19.03	4.34			
10/28/24				23.13	19.03	4.40			
10/29/24				23.12	19.03	4.40			

TOTAL: TOTAL: 43.657 TOTAL:

# SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Jeff Mowrer	Jeff Mowrer	Jeff Mowrer	Jeff Mowrer
Municipality	Centre/Savile/Spring	Centre/Savile/Spring	Centre/Savile/Spring	Centre/Savile/Spring
County	Perry	Perry	Perry	Perry
DEP Permit No.	PA-PE-00001-0-0004-F	PA-PE-00001-0-0004-D1	PA-PE-00001-0-00004-A	PA-PE-00001-0-0005-A1
Type of Material*	biosolids	biosolids	biosolids	biosolids
Dry Tons Applied/Disposed	4.42	4.47	8.56	4.28
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization
Hauler Name	Synagro	Synagro	Synagro	Synagro

<sup>\*</sup> See Instructions for explanation.

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:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	November 22, 2024

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	pennsylvania	

	EPARTMENT OF ENVIRONMENTAL	PROTECTION	SEWAGE SL	ODGE / BIOSOLI	D3 PRODUC	I ION AND	DISPUSAL			
Facility N	Name: <b>Dover</b>	Township STP	1			Month	: October	Year	2024	
Municipa		vago Township		unty: York			S Permit No.:			
Watersh						Renew	al application due 180	days prior to expi	ration	
	'					This pe	ermit will expire on: J	une 30, 2022		
	CEWACE	CLUDGE / DIG	COLUDE DDODL	CTION INFORMAT	ION (Islamtify, a				-4\	
					ION (Identity e	acn off-sit	e removal event and	incineration ever	it)	
Che	ck here if there we	re no off-site rem	oval events during t	he month						
	Liquid	Sewage Sludge/	Biosolids	Dewatered Sewage Sludge/Biosolids Sewage Sludge/				wage Sludge/Bios	olids	
Date		Hauled Off-site	e	Hauled Off-sit			Dewate	Dewatered and Incinerated O		
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry To	ns Tons Dewatere	ed % Solids	Dry Tons	
		TOTAL:			TOTAL:			TOTAL:		
		SEWAGE SI	UDGE / BIOSOLID	S AND INCINERATO	R ASH DISPOS	AI AND RE	NEFICIAL USE INFORM	ATION		
		OLIVAGE GE		ites where biosolids				ATION		
	Site Name		Jeff Mowrer		Martin Farm		Telfer Farm	Telfo	er Farm	
	Municipality	Ce	entre/Savile/Spring		ntgomery		Beale/Spruce Hill		Spruce Hill	
	County		Perry		ranklin		Juniata		ıniata	
	DEP Permit No.	PA-	PE-00001-0-0005-E	PA-FR	-0006-0-0007		PA-JU-00004-0-0038	PA-JU-00	004-0-0007-B	
Т	ype of Material*		biosolids	b	iosolids		biosolids	bio	solids	
	ons Applied/Dispo		4.31		4.34		4.40	4	1.40	
Тур	e of Disposal/Use	e* ag	ricultural utilization		ural utilization	;	agricultural utilization		al utilization	
Hauler Name Synagro		S	Synagro		Synagro	Sy	nagro			
* See Inst	tructions for explar	nation.								
I certify und	der penalty of law tha	at this document wa	s prepared under my	direction or supervision	in accordance with	a system des	signed to assure that qualifie	ed personnel gather ar	nd	
		•	. , .		•	•	ectly responsible for gathering	•		
		•	-	•		-	ant penalties for submitting f	false information, inclu	ding the	
possibility (	of fine and imprisonn	nent for knowing vio	olations. See 18 Pa. 0	C.S. § 4904 (relating to u	nsworn falsification	n).				
	Prepar	ed By: Christia	n L. Jordan		Licen	se No.:	S17213			
	Title:	Superin			Date	. N	ovember 22, 2024			

# INSTRUCTIONS FOR COMPLETING SEWAGE SLUDGE / BIOSOLIDS SUPPLEMENTAL REPORT

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

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

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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DEPAR	RTMENT OF ENVIR	ONMENTAL PROTECTI	ON	SEWAGE SL	UDGE	/ BIOSOLII	DS PRODUC	TION A	ND DIS	POSAL			
Facility Name:		Dover Township STP							nth: <b>No</b> v	/ember	Year:	Year: <b>2024</b>	
Municipalit		onewago	Co	unty:	York			DES Pern		<u> </u>			
Watershed	_	-F	•		, <u>-</u>			Ren	ewal app	lication due 180 da	ys prior to expi	ration	
	_		_							vill expire on: June			
	SEW	VAGE SLU	DGE / BIOS	SOLIDS PRODU	CTION	INFORMATI	ION (Identify e	each off-	site rem	oval event and inc	ineration ever	nt)	
Check	here if the	ere were no	off-site remo	val events during t	he mon	th							
	L	iquid Sewa	uid Sewage Sludge/Biosolids			Dewatered Sewage Sludge/Bioso			ds	Sewag	ge Sludge/Bios	olids	
Date		Hau	led Off-site			1	Hauled Off-site			Dewatered	red and Incinerated On-site		
	Gallo	ns S	% Solids	Dry Tons	Ton	s Dewatered	% Solids	Dry	Tons	Tons Dewatered	% Solids	Dry Tons	
11/14/24						23.60	19.03	4.	49				
11/14/24						22.79	19.03	4.	.34				
11/14/24						23.71	19.03	4.	.51				
11/20/24						22.59	19.03	4.	.30				
			TOTAL:				TOTAL:	17.	.639		TOTAL:		
		SE	EWAGE SLU	DGE / BIOSOLID	S AND	INCINERATO	R ASH DISPOS	AL AND	BENEFICI	AL USE INFORMATI	ON		
							or ash were di						
	Site Nam	e	Spa	ahr Family Farm			ry Imes			HushonFarm			
	Municipali		1	Reading			Milford			ch Bottom			
	County			Adams		J	luniata			York			
DE	EP Permit	No.	PA-	AD-00027-0-0004			00008-0-00H2		PA-YR-	00018-0-0015			
	pe of Mate			biosolids			osolids			iosolids			
		/Disposed		4.47			13.13			4.51			
Туре	of Dispos	al/Use*	agri	cultural utilization		agricultu	ural utilization		agricult	ural utilization			
Н	Hauler Nar	ne		Synagro		S	ynagro		5	Synagro			
* See Instru	uctions for	explanation.											
I certify under	er penalty of	law that this o	document was	prepared under my	direction	or supervision i	n accordance with	a system	designed to	assure that qualified pe	ersonnel dather ar	nd	
						•		-	-	ponsible for gathering th	-		
			•		•	-	•			alties for submitting false		iding the	
			-	ations. See 18 Pa. C				_	•	· ·		-	
	-	ropored D.	"Christic»	l lorden		-	Liaa	ooo Na :		647040			
			/: Christian				License No.: S17213  Date: December 24, 2024						
	ı	itle:	Superinte	HIUEIIL			Date	;.	Deceing	JCI 24, 2U24			

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	pennsylvania	

DEP	PARTMENT OF ENVIRONM	MENTAL PROTECTIO	N	SEWAGE SL	UDGE / BIOSOLI	DS PRODUC	TION AND DIS	POSAL			
Facility Na	ame: <b>Do</b>	ver Town	ship STP	STP				vember	Year	Year: <b>2024</b>	
Municipali			Township	County: York				NPDES Permit No.:			
Watershed: <b>7-F</b>							Renewal application due 180 days prior to expiration				
							This permit v	vill expire on: June	e 30, 2022		
	SEWA	GE SLUE	GE / BIOS	OLIDS PRODU	CTION INFORMAT	ION (Identify e	each off-site rem	oval event and inc	ineration ever	nt)	
Check	k here if there	were no o	off-site remov	al events during t	he month						
	Liq	Liquid Sewage Sludge/Biosolids			Dewatered	Sewage Sludg	e/Biosolids	Sewa	ge Sludge/Bios	osolids	
Date			led Off-site			Hauled Off-site		Dewatered	and Incinerate	ed On-site	
	Gallons	· %	6 Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	
					1						
					1						
					1						
			TOTAL:			TOTAL:			TOTAL:		
		SE	WAGE SLU	DGE / BIOSOLID	S AND INCINERATO	R ASH DISPOS	SAL AND BENEFIC	IAL USE INFORMAT	ION		
				(Identify all s	ites where biosolids	or ash were di	isposed or land ap	plied)			
	Site Name										
	Municipality	1									
	County										
	EP Permit Noteri										
	ns Applied/D										
	of Disposal										
	Hauler Name	)									
* See Instr	uctions for ex	planation.									
I certify unde	er penalty of la	w that this d	ocument was	prepared under my	direction or supervision	in accordance with	h a system designed t	o assure that qualified p	ersonnel gather ar	nd	
			•	. , .		•		ponsible for gathering th	·		
			-					alties for submitting false	e information, inclu	iding the	
possibility of	t tine and impris	sonment for	knowing viola	ations. See 18 Pa. C	C.S. § 4904 (relating to u	nsworn talsificatio	on).				
				L. Jordan			nse No.:	S17213			
	Title	e:	Superinte	endent		Date	e: Noveml	per 22, 2024			

# INSTRUCTIONS FOR COMPLETING SEWAGE SLUDGE / BIOSOLIDS SUPPLEMENTAL REPORT

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
- 3 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 standard methods may be acceptable.

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

- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

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	pennsylvania
	DEPARTMENT OF ENVIRONMENTAL PROTECTION

Facility Name:	Dover Township STP		Month: <b>December</b>	Year:	2024				
Municipality:	Conewago Township	County: York	NPDES Permit No.:						
Watershed:	7-F		Renewal application due 180 da	Renewal application due 180 days prior to expiration					
			This permit will expire on: <u>Jun</u>	e 30, 2022	_				

### SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

	Liquid Sewage Sludge/Biosolids Hauled Off-site			Dewatered	Sewage Sludge	e/Biosolids	Sewage Sludge/Biosolids		
Date					Hauled Off-site		Dewatered and Incinerated On-site		
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry Tons
12/2/24				22.43	19.03	4.27			
12/2/24				23.46	19.03	4.46			
12/4/24				22.80	19.03	4.34			
12/10/24				23.90	19.03	4.55			
12/10/24				22.94	19.03	4.37			
12/13/24				23.05	19.03	4.39			
12/13/24				23.62	19.03	4.49			
12/23/24				23.00	19.03	4.38			
12/26/24				23.10	19.03	4.40			
12/27/24				23.13	19.03	4.40			
12/27/23				22.80	19.03	4.34			

TOTAL: TOTAL: 48.380 TOTAL:

# SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Shughart Farm	Shughart Farm	Long 1	Long 1	
Municipality	Monroe	Monroe	Milford	Milford	
County	Cumberland	Cumberland	Juniata	Juniata	
DEP Permit No.	PA-CU-00003-0-0006	PA-CU-00003-0-0005-B	PA-JU-00005-0-000E	PA-JU-00005-0-000F	
Type of Material*	biosolids	biosolids	biosolids	biosolids	
Dry Tons Applied/Disposed	8.73	4.34	4.39	4.49	
Type of Disposal/Use*	agricultural utilization	agricultural utilization	agricultural utilization	agricultural utilization	
Hauler Name	Synagro	Synagro	Synagro	Synagro	

<sup>\*</sup> See Instructions for explanation.

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:	Christian L. Jordan	License No.:	S17213
Title:	Superintendent	Date:	January 22, 2025

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	pennsylvania	
	•	

# **SUPPLEMENTAL REPORT**

per	NNSYLVANIA MENT OF ENVIRONMENTAL PROTECTI	ON	SEWAGE SLU	JDGE / BIOSOLII	DS PRODUC	TION ANI	D DISPOSAL			
Facility Name	e: <b>Dover Towr</b>	shin STP				Month	: December		Year	2024
Municipality:			Cou	inty: York			S Permit No.:			2024
Watershed:	7-F	. с и поппр		y. <u>1011.</u>			val application	due <b>180 da</b> v	vs prior to exp	iration
	<u> </u>	_					ermit will expire			
										<del></del>
	SEWAGE SLU	DGE / BIOS	OLIDS PRODUC	CTION INFORMATI	ON (Identify of	each off-sit	te removal eve	ent and inc	ineration ever	nt)
Check he	ere if there were no	off-site remova	al events during th	e month						
Liquid Sewage Sludge/Biosolids Dewatered Sewage Sludge/Biosolids Sewage Sludge/Biosolids										olids
Date	Hau	lled Off-site			Hauled Off-site	;		Dewatered	and Incinerate	ed On-site
	Gallons	% Solids	Dry Tons	Tons Dewatered	% Solids	Dry To	ons Tons I	Dewatered	% Solids	Dry Tons
<u> </u>	•	TOTAL:		•	TOTAL:				TOTAL:	
	0.5		005 / DI0001 ID0					INICODMATI		
	SE	-WAGE SLUL		S AND INCINERATO				INFORMATI	ON	
	. N	1 01		tes where biosolids	or ash were di	sposed or i	and applied)	1		
	ite Name	Sr	nughart Farm							
	unicipality County		Monroe Cumberland							
	Permit No.		:U-00003-0-0002							
	of Material*	F A-C	biosolids							
	Applied/Disposed		4.38							
•	Disposal/Use*	agric	ultural utilization							
	uler Name		Synagro							
<u> </u>	ions for explanation.	-	<u>,                                    </u>	<b>.</b>						
	•		orenared under my d	lirection or supervision i	n accordance with	n a system de	signed to assure t	hat qualified no	ersonnel dather a	nd
, .	•			persons who manage the		•	J		•	
			•	curate and complete. I	•	•				
				S. § 4904 (relating to u		~		•	,	-
	Propored Pr	" Christian	Lordon	-	Lion	naa Na :		C17212		
	Prepared By Title:	Superinte			Date	nse No.:	anuary 22, 202	S17213		
	riue.	Superinte	IIUCIII		Date	. <u>J</u>	ariuary ZZ, ZUZ	-0		

# INSTRUCTIONS FOR COMPLETING SEWAGE SLUDGE / BIOSOLIDS SUPPLEMENTAL REPORT

1 Enter Facility Name, Muncipality, 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 (without moving the decimal point, e.g., 10, 20, etc.). Dry tons is automatically calculated. If more rows are needed to document removal or incineration events, you should insert more rows in the spreadsheet. 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).
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- 4 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, it is suggested that you create a new worksheet to add sites (right click on worksheet tab, select Move or Copy, and copy into the same spreadsheet). 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).
- 5 Type the name of the person who prepared the form, the person's job title, DEP License No. (if applicable), and date the form was completed after reading the certification statement.

## **BIOSOLIDS MONTHLY REMOVAL 2024**

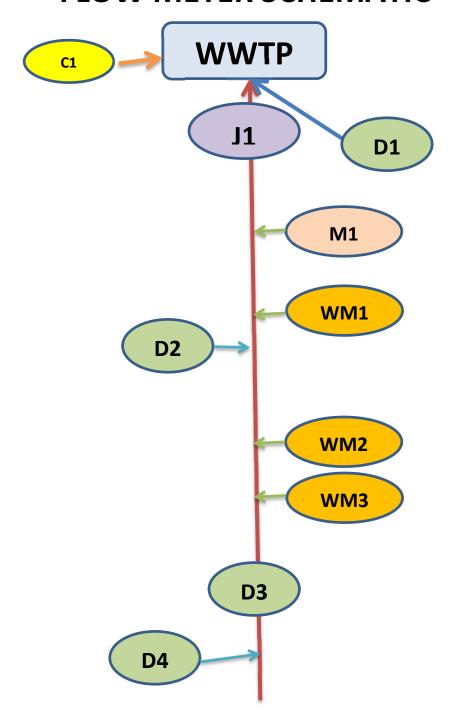
					BIOSOLIDS TO LANDFILL	BIOSOLIDS TO LANDFILL	QUARTERLY BIOSOLIDS
	BIOSOLIDS	BIOSOLIDS					ТО
0004	REMOVED,	REMOVED,	Quarterly				LANDFILL
2024	MONTHLY TOTAL	MONTHLY TOTAL	Removal Total	Removal Total			
MONTH	WET TONS	DRY TONS	DRY TONS	DRY METRIC TONS	WET TONS	DRY TONS	DRY METRIC
JAN	142.67	27.5			0.00	0.00	0.00
FEB	69.87	13.5					
MAR	164.31	31.7	72.6	65.9			
APR	211.43	40.7			0.00	0.00	0.00
MAY	189.53	36.5					
JUN	209.57	40.4	117.6	106.7			
JUL	233.94	44.1			0.00	0.00	0.00
AUG	187.48	35.3					
SEP	159.70	30.1	109.4	99.3			
OCT	229.41	43.7			0.00	0.00	0.00
NOV	92.69	17.6					
DEC	254.23	48.4	109.7	99.5			
TOTAL	2144.83	409.4	409.4	371.4	0.00	0.00	0.00

TOTAL 2024 BIOSOLIDS PRODUCTIONS: 2144.83 WET TONS

409.4 DRY TONS

371.4 METRIC DRY TONS

# **FLOW METER SCHEMATIC**





### "Your Process Control Specialists"

### **CERTIFICATE of CALIBRATION**

Cal Certificate # 92339

Company Name Dover Township WWTP

2480 West Canal Road

Dover, PA 17315

Instrument ID D-017

DescriptionUtility Water FlowStatusActiveManufacturerSiemensTemp °F70Model NumberMag5000Cal Proc4.9Serial NumberAdjusted To ImproveNoLocationBasementCalibration FrequencyAnnualBuildingUtility Water Pump RoomCalibrated11/07/2024DepartmentWWTPNext Due Date11/30/2025

#### **Calibration Specifications**

	Group Name	Transmitter Test (1=PASS, 0=FAIL	)							
Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	P/F	<b>UUT As Left</b>	P/F	<u>Dev</u>			
1	1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0			
	<b>Group Name</b>	Insulation Test (1=PASS, 0=FAIL)	sulation Test (1=PASS, 0=FAIL)							
Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	P/F	<b>UUT As Left</b>	P/F	<u>Dev</u>			
1	1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0			
	<b>Group Name</b>	Magnetic Circuit Test (1=PASS, 0=	FAIL)							
Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	P/F	<b>UUT As Left</b>	P/F	<u>Dev</u>			
1	1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0			

### Calibration Standards Used

Test Instrument ID	<u>Manufacturer</u>	Model Number	Serial Number	Next Cal Date
SITRANS	Siemens	MAGFLO	100116N230	8/31/2025
		083F5061		

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

Where applicable and noted calibrations were performed using standards whose calibration is traceable through NIST or another National Metrology Institute to the International System of Units (SI units).

Control Systems 21 utilizes the comparison method of calibration. Results are reviewed, when applicable, and any results exceeding the agreed upon specifications are indicated by red and/or bold print

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Please note: any number of factors may cause the calibration item to drift out of tolerance before the calibration interval has expired.

### **Remarks or Special Requirements:**

Print Date: 11/07/2024

Control Systems 21

Control Systems 21



## "Your Process Control Specialists"

## **CERTIFICATE of CALIBRATION**

Cal Certificate # 92339

Calibration Result: Calibration Successful

Calibrated By: <u>Tim Starr</u>

Finalized By: Tim Starr 07 November 2024 7:22:14AM



### "Your Process Control Specialists"

### **CERTIFICATE of CALIBRATION**

Cal Certificate # 92340

Company Name Dover Township WWTP

2480 West Canal Road

Dover, PA 17315

Instrument ID D-015

DescriptionClarifier 7 RASStatusActiveManufacturerSiemensTemp °F70Model NumberMag5000Cal Proc4.9Serial Number7ME6910Adjusted To ImproveNoLocationBasementCalibration FrequencyAnnualBuildingUtility Water Pump RoomCalibrated11/07/2024DepartmentWWTPNext Due Date11/30/2025

#### **Calibration Specifications**

	Group Name	Transmitter Test (1=PASS, 0=FAIL)					
Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	<u>P/F</u>	<b>UUT As Left</b>	P/F	<u>Dev</u>
1	1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0
	<b>Group Name</b>	Insulation Test (1=PASS, 0=FAIL)					
Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	<u>P/F</u>	<b>UUT As Left</b>	P/F	<u>Dev</u>
1	1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0
	<b>Group Name</b>	Magnetic Circuit Test (1=PASS, 0=F	AIL)				
Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	<u>P/F</u>	<b>UUT As Left</b>	P/F	<u>Dev</u>
1	1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0

### Calibration Standards Used

Test Instrument ID	<u>Manufacturer</u>	Model Number	Serial Number	Next Cal Date
SITRANS	Siemens	MAGFLO 083F5061	100116N230	8/31/2025

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

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### **Remarks or Special Requirements:**

Print Date: 11/07/2024

Control Systems 21

Page 1 of 2



## "Your Process Control Specialists"

## **CERTIFICATE of CALIBRATION**

Cal Certificate # 92340

Calibration Result: Calibration Successful

Calibrated By: Tim Starr

Finalized By: Tim Starr 07 November 2024 7:47:52AM



### "Your Process Control Specialists"

### **CERTIFICATE of CALIBRATION**

Cal Certificate # 92341

Company Name Dover Township WWTP

2480 West Canal Road

Dover, PA 17315

Instrument ID D-002

Description<br/>ManufacturerInfluent Train 1StatusActiveManufacturerSiemensTemp °F70Model NumberMag-5000Cal Proc4.9Serial NumberN/AAdjusted To ImproveNoLocationN/ACalibration FrequencyAnnualBuildingN/ACalibrated11/07/2024DepartmentWWTPNext Due Date11/30/2025

#### **Calibration Specifications**

	Group Name	Transmitter Test (1=PASS, 0=FAIL)					
Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	<u>P/F</u>	<b>UUT As Left</b>	P/F	<u>Dev</u>
1	1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0
	<b>Group Name</b>	Insulation Test (1=PASS, 0=FAIL)					
Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	<u>P/F</u>	<b>UUT As Left</b>	P/F	<u>Dev</u>
1	1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0
	<b>Group Name</b>	Magnetic Circuit Test (1=PASS, 0=F	AIL)				
Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	<u>P/F</u>	<b>UUT As Left</b>	P/F	<u>Dev</u>
1	1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0

### Calibration Standards Used

Test Instrument ID	<u>Manufacturer</u>	Model Number	Serial Number	Next Cal Date
SITRANS	Siemens	MAGFLO 083F5061	100116N230	8/31/2025

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

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### **Remarks or Special Requirements:**

Print Date: 11/07/2024

Control Systems 21

Control Systems 21



## "Your Process Control Specialists"

## **CERTIFICATE of CALIBRATION**

Cal Certificate # 92341

Calibration Result: Calibration Successful

Calibrated By: Tim Starr

Finalized By: Tim Starr 07 November 2024 8:13:57AM



### "Your Process Control Specialists"

### **CERTIFICATE of CALIBRATION**

Cal Certificate # 92342

Company Name Dover Township WWTP

2480 West Canal Road

Dover, PA 17315

Instrument ID D-001

DescriptionInfluent Train 2StatusActiveManufacturerSiemensTemp °F70Model NumberMag 5000Cal Proc4.9Serial Number96W027320Adjusted To ImproveNoLocationN/ACalibration FrequencyAnnualBuildingN/ACalibrated11/07/2024DepartmentWWTPNext Due Date11/30/2025

#### **Calibration Specifications**

Group Name	Transmitter Test (1=PASS, 0=FAIL)						
Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	P/F	<b>UUT As Left</b>	P/F	<u>Dev</u>	
1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0	
<b>Group Name</b>	Insulation Test (1=PASS, 0=FAIL)						
Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	<u>P/F</u>	<b>UUT As Left</b>	P/F	<u>Dev</u>	
1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0	
<b>Group Name</b>	Magnetic Circuit Test (1=PASS, 0=F	AIL)					
Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	<u>P/F</u>	<b>UUT As Left</b>	P/F	<u>Dev</u>	
1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0	
	Ref Standard 1 PASS/FAIL Group Name Ref Standard 1 PASS/FAIL Group Name Ref Standard	Ref StandardTol1 PASS/FAIL+/-0Group NameInsulation Test (1=PASS, 0=FAIL)Ref StandardTol1 PASS/FAIL+/-0Group NameMagnetic Circuit Test (1=PASS, 0=FRef StandardTol	Ref StandardTolUUT As Found1 PASS/FAIL+/-01 PASS/FAILGroup NameInsulation Test (1=PASS, 0=FAIL)Ref StandardTolUUT As Found1 PASS/FAIL+/-01 PASS/FAILGroup NameMagnetic Circuit Test (1=PASS, 0=FAIL)Ref StandardTolUUT As Found	Ref StandardTolUUT As FoundP/F1 PASS/FAIL+/-01 PASS/FAILPGroup Name Insulation Test (1=PASS, 0=FAIL)Ref StandardTolUUT As FoundP/F1 PASS/FAIL+/-01 PASS/FAILPGroup Name Group Name Insulation Test (1=PASS, 0=FAIL)P/FRef StandardTolUUT As FoundP/F	Ref StandardTolUUT As Found 1 PASS/FAILP/FUUT As Left P1 PASS/FAIL+/-01 PASS/FAILP1 PASS/FAILGroup Name Insulation Test (1=PASS, 0=FAIL)Ref StandardTolUUT As Found 1 PASS/FAILP/FUUT As Left P1 PASS/FAIL+/-01 PASS/FAILP1 PASS/FAILGroup Name Magnetic Circuit Test (1=PASS, 0=FAIL)Ref StandardTolUUT As Found UUT As FoundP/FUUT As Left	Ref StandardTolUUT As FoundP/FUUT As LeftP/F1 PASS/FAIL+/-01 PASS/FAILP1 PASS/FAILPGroup Name Insulation Test (1=PASS, 0=FAIL)Ref StandardTolUUT As FoundP/FUUT As LeftP/F1 PASS/FAIL+/-01 PASS/FAILP1 PASS/FAILPGroup Name Magnetic Circuit Test (1=PASS, 0=FAIL)Ref StandardTolUUT As FoundP/FUUT As LeftP/F	Ref StandardTolUUT As Found 1 PASS/FAILP/FUUT As Left PP/FDev1 PASS/FAIL+/-01 PASS/FAILP1 PASS/FAILP0Group Name Insulation Test (1=PASS, 0=FAIL)Ref StandardTolUUT As Found 1 PASS/FAILP/FUUT As Left PP/FDev1 PASS/FAIL+/-01 PASS/FAILP1 PASS/FAILP0Group Name Magnetic Circuit Test (1=PASS, 0=FAIL)Ref StandardTolUUT As FoundP/FUUT As LeftP/FDev

### Calibration Standards Used

Test Instrument ID	<u>Manufacturer</u>	Model Number	Serial Number	Next Cal Date
SITRANS	Siemens	MAGFLO 083F5061	100116N230	8/31/2025

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

Where applicable and noted calibrations were performed using standards whose calibration is traceable through NIST or another National Metrology Institute to the International System of Units (SI units).

Control Systems 21 utilizes the comparison method of calibration. Results are reviewed, when applicable, and any results exceeding the agreed upon specifications are indicated by red and/or bold print

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### **Remarks or Special Requirements:**

Print Date: 11/07/2024 Page 1 of 2



## "Your Process Control Specialists"

## **CERTIFICATE of CALIBRATION**

Cal Certificate # 92342

Calibration Result: Calibration Successful

Calibrated By: Tim Starr

Finalized By: Tim Starr 07 November 2024 8:39:49AM



### "Your Process Control Specialists"

### **CERTIFICATE of CALIBRATION**

Cal Certificate # 92343

Company Name Dover Township WWTP

2480 West Canal Road Dover, PA 17315

**Next Due Date** 11/30/2025

Instrument ID D-012

**Description** Drexelbrook Level Meter (6000 Gallon Status Active

Tank)

ManufacturerDrexel BrookTemp °F70Model NumberN/ACal Proc4.2Serial NumberN/AAdjusted To ImproveNoLocationN/ACalibration FrequencyAnnualBuildingFerric Chloride BuildingCalibrated11/07/2024

#### **Calibration Specifications**

Groun	Name	Level Meter	•
GIUUD	Name	Level Meters	

**Department** WWTP

<b>Test Point</b>	Ref Standard	Expected	<u>Tol</u>	<b>UUT As Found</b>	P/F	<b>UUT As Left</b>	<u>P/F</u>	<u>Dev</u>
1	0 FT	0.00 %	+/-2.00	0.00 %	P	0.00 %	P	0.00
2	7 FT	50.00 %	+/-2.00	49.90 %	P	49.90 %	P	-0.10
3	14 FT	100.00 %	+/-2.00	99.90 %	P	99.90 %	P	-0.10

### Calibration Standards Used

Test Instrument ID	<u>Manufacturer</u>	Model Number	Serial Number	Next Cal Date
4224	Fluke	179	49340496	8/31/2025

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

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### **Remarks or Special Requirements:**

Calibration Result: Calibration Successful

Calibrated By: Tim Starr

Finalized By: Tim Starr 07 November 2024 8:59:19AM

Print Date: 11/07/2024 Page 1 of 1



### "Your Process Control Specialists"

### **CERTIFICATE of CALIBRATION**

Cal Certificate # 92344

Company Name Dover Township WWTP

2480 West Canal Road

Dover, PA 17315

Instrument ID D-014

Description<br/>ManufacturerWAS Train 1StatusActiveManufacturerSiemensTemp °F70Model NumberMag5000Cal Proc4.9Serial Number7ME6910-1AA10-1AA0Adjusted To ImproveNoLocationN/ACalibration FrequencyAnnualBuildingGritCalibrated11/07/2024DepartmentWWTPNext Due Date11/30/2025

#### **Calibration Specifications**

	Group Name	Transmitter Test (T=PASS	s, 0=FAIL)					
Test Point	Ref Standard	<u> 1</u>	<u>Tol</u>	<b>UUT As Found</b>	P/F	<b>UUT As Left</b>	<u>P/F</u>	<u>Dev</u>
1	1.00 PASS/FAIL	+/-	-0.00 1	.00 PASS/FAIL	P	1.00 PASS/FAIL	P	0.00
	<b>Group Name</b>	Insulation Test (1=PASS,	0=FAIL)					
Test Point	Ref Standard	<u> 1</u>	<u>Tol</u>	<b>UUT As Found</b>	P/F	<b>UUT As Left</b>	<u>P/F</u>	<u>Dev</u>
1	1.00 PASS/FAIL	+/-	-0.00 1	.00 PASS/FAIL	P	1.00 PASS/FAIL	P	0.00
	<b>Group Name</b>	Magnetic Circuit Test (1=	PASS, 0=FA	.IL)				
Test Point	Ref Standard	<u> 1</u>	<u>Tol</u>	<b>UUT As Found</b>	P/F	<b>UUT As Left</b>	<u>P/F</u>	<u>Dev</u>
1	1.00 PASS/FAIL	+/-	-0.00	.00 PASS/FAIL	P	1.00 PASS/FAIL	P	0.00

### Calibration Standards Used

Test Instrument ID	<u>Manufacturer</u>	Model Number	Serial Number	Next Cal Date
SITRANS	Siemens	MAGFLO 083F5061	100116N230	8/31/2025

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

Where applicable and noted calibrations were performed using standards whose calibration is traceable through NIST or another National Metrology Institute to the International System of Units (SI units).

Control Systems 21 utilizes the comparison method of calibration. Results are reviewed, when applicable, and any results exceeding the agreed upon specifications are indicated by red and/or bold print

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### **Remarks or Special Requirements:**

Print Date: 11/07/2024 Page 1 of 2



## "Your Process Control Specialists"

## **CERTIFICATE of CALIBRATION**

Cal Certificate # 92344

Calibration Result: Calibration Successful

Calibrated By: Tim Starr

Finalized By: Tim Starr 07 November 2024 9:23:15AM



### "Your Process Control Specialists"

### **CERTIFICATE of CALIBRATION**

Cal Certificate # 92345

Company Name Dover Township WWTP

2480 West Canal Road

Dover, PA 17315

Instrument ID D-011

DescriptionEffluent FlowStatusActiveManufacturerPulsarTemp °F70Model NumberOCMCal Proc4.8Serial Number1701110000XP-X0PAdjusted To ImproveNoLocationUV BuildingCalibration FrequencyAnnualBuildingN/ACalibrated11/07/2024DepartmentWWTPNext Due Date11/30/2025

#### **Calibration Specifications**

Group Name Flow Meter

 Test Point
 Ref Standard
 Tol
 UUT As Found
 P/F
 UUT As Left
 P/F
 Dev

 1
 44.875 Inches
 +/-0.125
 44.981 Inches
 P
 44.981 Inches
 P
 0.106

#### Calibration Standards Used

 Test Instrument ID
 Manufacturer
 Model Number
 Serial Number
 Next Cal Date

 M-003
 Komelon
 SL2825
 N/A
 6/30/2025

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

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Please note: any number of factors may cause the calibration item to drift out of tolerance before the calibration interval has expired

### **Remarks or Special Requirements:**

Calibration Result: Calibration Successful

Calibrated By: <u>Tim Starr</u>

Finalized By: Tim Starr 07 November 2024 9:32:41AM

Print Date: 11/07/2024 Page 1 of 1



### "Your Process Control Specialists"

### **CERTIFICATE of CALIBRATION**

Cal Certificate # 92346

Company Name Dover Township WWTP

2480 West Canal Road

Dover, PA 17315

Instrument ID D-112

DescriptionDewater #1StatusActiveManufacturerSiemensTemp °F70Model NumberMag5000Cal Proc4.9Serial NumberN1M7020094Adjusted To ImproveNoLocationN/ACalibration FrequencyAnnualBuildingGritCalibrated11/07/2024DepartmentWWTPNext Due Date11/30/2025

#### **Calibration Specifications**

	Group Name	Transmitter Test (1=PASS, 0=FAIL)						
Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	<u>P/F</u>	<b>UUT As Left</b>	P/F	<u>Dev</u>	
1	1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0	
	<b>Group Name</b>	Insulation Test (1=PASS, 0=FAIL)						
Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	<u>P/F</u>	<b>UUT As Left</b>	P/F	<u>Dev</u>	
1	1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0	
	<b>Group Name</b>	roup Name Magnetic Circuit Test (1=PASS, 0=FAIL)						
Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	<u>P/F</u>	<b>UUT As Left</b>	P/F	<u>Dev</u>	
1	1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0	

### Calibration Standards Used

Test Instrument ID	<u>Manufacturer</u>	Model Number	Serial Number	Next Cal Date
SITRANS	Siemens	MAGFLO 083F5061	100116N230	8/31/2025

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

Where applicable and noted calibrations were performed using standards whose calibration is traceable through NIST or another National Metrology Institute to the International System of Units (SI units).

Control Systems 21 utilizes the comparison method of calibration. Results are reviewed, when applicable, and any results exceeding the agreed upon specifications are indicated by red and/or bold print

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### **Remarks or Special Requirements:**

Print Date: 11/07/2024

Control Systems 21

Page 1 of 2



## "Your Process Control Specialists"

## **CERTIFICATE of CALIBRATION**

Cal Certificate # 92346

Calibration Result: Calibration Successful

Calibrated By: Tim Starr

Finalized By: Tim Starr 07 November 2024 9:56:51AM



#### "Your Process Control Specialists"

#### **CERTIFICATE of CALIBRATION**

Cal Certificate # 92347

Company Name Dover Township WWTP

2480 West Canal Road Dover, PA 17315

...4 ID D 112

Instrument ID D-223

Description<br/>ManufacturerDewater #2StatusActiveManufacturerSiemensTemp °F70Model NumberMag5000Cal Proc4.9Serial NumberN1M7020066Adjusted To ImproveNoLocationN/ACalibration FrequencyAnnualBuildingGritCalibrated11/07/2024DepartmentWWTPNext Due Date11/30/2025

#### **Calibration Specifications**

Group Name	Transmitter Test (1=PASS, 0=FAIL)						
Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	P/F	<b>UUT As Left</b>	P/F	<u>Dev</u>	
1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0	
<b>Group Name</b>	Insulation Test (1=PASS, 0=FAIL)						
Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	<u>P/F</u>	<b>UUT As Left</b>	P/F	<u>Dev</u>	
1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0	
<b>Group Name</b>	Magnetic Circuit Test (1=PASS, 0=F	AIL)					
Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	<u>P/F</u>	<b>UUT As Left</b>	P/F	<u>Dev</u>	
1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0	
	Ref Standard 1 PASS/FAIL Group Name Ref Standard 1 PASS/FAIL Group Name Ref Standard	Ref StandardTol1 PASS/FAIL+/-0Group NameInsulation Test (1=PASS, 0=FAIL)Ref StandardTol1 PASS/FAIL+/-0Group NameMagnetic Circuit Test (1=PASS, 0=FRef Standard)Ref StandardTol	Ref StandardTolUUT As Found1 PASS/FAIL+/-01 PASS/FAILGroup NameInsulation Test (1=PASS, 0=FAIL)Ref StandardTolUUT As Found1 PASS/FAIL+/-01 PASS/FAILGroup NameMagnetic Circuit Test (1=PASS, 0=FAIL)Ref StandardTolUUT As Found	Ref StandardTolUUT As FoundP/F1 PASS/FAIL+/-01 PASS/FAILPGroup Name Insulation Test (1=PASS, 0=FAIL)Ref StandardTolUUT As FoundP/F1 PASS/FAIL+/-01 PASS/FAILPGroup Name Group Name Insulation Test (1=PASS, 0=FAIL)Ref StandardTolUUT As FoundP/F	Ref StandardTolUUT As Found 1 PASS/FAILP/FUUT As Left P1 PASS/FAIL+/-01 PASS/FAILP1 PASS/FAILGroup Name Insulation Test (1=PASS, 0=FAIL)Ref StandardTolUUT As Found 1 PASS/FAILP/FUUT As Left P1 PASS/FAIL+/-01 PASS/FAILP1 PASS/FAILGroup Name Magnetic Circuit Test (1=PASS, 0=FAIL)Ref StandardTolUUT As Found UUT As FoundP/FUUT As Left	Ref StandardTolUUT As FoundP/FUUT As LeftP/F1 PASS/FAIL+/-01 PASS/FAILP1 PASS/FAILPGroup Name Insulation Test (1=PASS, 0=FAIL)Ref StandardTolUUT As FoundP/FUUT As LeftP/F1 PASS/FAIL+/-01 PASS/FAILP1 PASS/FAILPGroup Name Magnetic Circuit Test (1=PASS, 0=FAIL)Ref StandardTolUUT As FoundP/FUUT As LeftP/F	Ref StandardTolUUT As Found 1 PASS/FAILP/FUUT As Left PP/FDev1 PASS/FAIL+/-01 PASS/FAILP1 PASS/FAILP0Group Name Insulation Test (1=PASS, 0=FAIL)Ref StandardTolUUT As Found 1 PASS/FAILP/FUUT As Left PP/FDev1 PASS/FAIL+/-01 PASS/FAILP1 PASS/FAILP0Group Name Magnetic Circuit Test (1=PASS, 0=FAIL)Ref StandardTolUUT As FoundP/FUUT As LeftP/FDev

#### Calibration Standards Used

Test Instrument ID	<u>Manufacturer</u>	Model Number	Serial Number	Next Cal Date
SITRANS	Siemens	MAGFLO 083F5061	100116N230	8/31/2025

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

Where applicable and noted calibrations were performed using standards whose calibration is traceable through NIST or another National Metrology Institute to the International System of Units (SI units).

Control Systems 21 utilizes the comparison method of calibration. Results are reviewed, when applicable, and any results exceeding the agreed upon specifications are indicated by red and/or bold print

All results with this certification relate only to the item(s) calibrated. This certificate shall not be reproduced except in full and with written consent of Control Systems 21. Unless otherwise noted all calibrations were performed in the field at the customers location.

Please note: any number of factors may cause the calibration item to drift out of tolerance before the calibration interval has expired

#### **Remarks or Special Requirements:**



## "Your Process Control Specialists"

## **CERTIFICATE of CALIBRATION**

Cal Certificate # 92347

Calibration Result: Calibration Successful

Calibrated By: Tim Starr

Finalized By: Tim Starr 07 November 2024 10:15:25AM



#### "Your Process Control Specialists"

#### **CERTIFICATE of CALIBRATION**

Cal Certificate # 92348

Company Name Dover Township WWTP

2480 West Canal Road

Dover, PA 17315

Instrument ID D-019

Description<br/>ManufacturerReturn Sludge Clarifier No 5StatusActiveManufacturerSiemensTemp °F70Model NumberMag5000Cal Proc4.9Serial NumberN1R8280075Adjusted To ImproveNoLocationR.A.S.Calibration FrequencyAnnualBuilding2Calibrated11/07/2024DepartmentWWTPNext Due Date11/30/2025

#### **Calibration Specifications**

	Group Name	Transmitter Test (1=PASS, 0=FAIL	.)				
Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	P/F	<b>UUT As Left</b>	P/F	<u>Dev</u>
1	1 PASS/FAIL	+/-0.0	1.0 PASS/FAIL	P	1.0 PASS/FAIL	P	0.0
	<b>Group Name</b>	Insulation Test (1=PASS, 0=FAIL)					
Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	P/F	<b>UUT As Left</b>	P/F	<u>Dev</u>
1	1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0
	<b>Group Name</b>	Magnetic Circuit Test (1=PASS, 0=	FAIL)				
Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	P/F	<b>UUT As Left</b>	P/F	<u>Dev</u>
1	1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0

#### Calibration Standards Used

<u>Test Instrument ID</u>	<u>Manufacturer</u>	Model Number	Serial Number	Next Cal Date
SITRANS	Siemens	MAGFLO	100116N230	8/31/2025
		083F5061		

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

Where applicable and noted calibrations were performed using standards whose calibration is traceable through NIST or another National Metrology Institute to the International System of Units (SI units).

Control Systems 21 utilizes the comparison method of calibration. Results are reviewed, when applicable, and any results exceeding the agreed upon specifications are indicated by red and/or bold print

All results with this certification relate only to the item(s) calibrated. This certificate shall not be reproduced except in full and with written consent of Control Systems 21. Unless otherwise noted all calibrations were performed in the field at the customers location.

Please note: any number of factors may cause the calibration item to drift out of tolerance before the calibration interval has expired

#### **Remarks or Special Requirements:**

Print Date: 11/07/2024

Control Systems 21

Control Systems 21



## "Your Process Control Specialists"

## **CERTIFICATE of CALIBRATION**

Cal Certificate # 92348

Calibration Result: Calibration Successful

Calibrated By: Tim Starr

Finalized By: Tim Starr 07 November 2024 10:22:28AM



#### "Your Process Control Specialists"

#### **CERTIFICATE of CALIBRATION**

Cal Certificate # 92349

Company Name Dover Township WWTP

2480 West Canal Road Dover, PA 17315

Instrument ID D-006

**Description** Return Sludge Clarifier No. 6

Description Return Sludge Clarifier No.

Manufacturer ABB

Model Number 50XM1000

Serial Number 96W027394

Location R.A.S.

Building 2

Department WWTP

Status Active
Temp °F 70
Cal Proc 4.9
Adjusted To Improve No

Calibration Frequency Annual
Calibrated 11/07/2024
Next Due Date 11/30/2025

#### **Calibration Specifications**

	Group	Name	Flow Meter
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<b>Test Point</b>	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	P/F	<b>UUT As Left</b>	P/F	<u>Dev</u>
1	0 GPM	+/-16.00	0.00 GPM	P	0.00 GPM	P	0.00
2	800 GPM	+/-16.00	807.40 GPM	P	807.40 GPM	P	7.40
3	1,600 GPM	+/-16.00	1,597.00 GPM	P	1,597.00 GPM	P	-3.00

#### Calibration Standards Used

Test Instrument ID	<u>Manufacturer</u>	Model Number	Serial Number	Next Cal Date
COPA X	ABB	55XC4130A	9603N8184/C4	11/30/2024

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

Where applicable and noted calibrations were performed using standards whose calibration is traceable through NIST or another National Metrology Institute to the International System of Units (SI units).

Control Systems 21 utilizes the comparison method of calibration. Results are reviewed, when applicable, and any results exceeding the agreed upon specifications are indicated by red and/or bold print

All results with this certification relate only to the item(s) calibrated. This certificate shall not be reproduced except in full and with written consent of Control Systems 21. Unless otherwise noted all calibrations were performed in the field at the customers location.

Please note: any number of factors may cause the calibration item to drift out of tolerance before the calibration interval has expired.

#### **Remarks or Special Requirements:**

Calibration Result: Calibration Successful

Calibrated By: Tim Starr

Finalized By: Tim Starr 07 November 2024 10:29:15AM



#### "Your Process Control Specialists"

#### **CERTIFICATE of CALIBRATION**

Cal Certificate # 92350

Company Name Dover Township WWTP

2480 West Canal Road

Dover, PA 17315

Instrument ID D-013

DescriptionSludge TransferStatusActiveManufacturerABBTemp °F70Model NumberN/ACal Proc4.9Serial NumberN/AAdjusted To ImproveNoLocationR.A.S.Calibration FrequencyAnnualBuilding2Calibrated11/07/2024DepartmentWWTPNext Due Date11/30/2025

#### **Calibration Specifications**

Group	Name	Flow Meter	
GIVUD	Name	T TO W IVICIO	

Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	P/F	<b>UUT As Left</b>	P/F	<u>Dev</u>
1	0 GPM	+/-3.0	0.0 GPM	P	0.0 GPM	P	0.0
2	150 GPM	+/-3.0	152.5 GPM	P	152.5 GPM	P	2.5
3	300 GPM	+/-3.0	300.2 GPM	P	300.2 GPM	P	0.2

#### Calibration Standards Used

Test Instrument ID	<u>Manufacturer</u>	Model Number	Serial Number	Next Cal Date
COPA X	ABB	55XC4130A	9603N8184/C4	11/30/2024

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

Where applicable and noted calibrations were performed using standards whose calibration is traceable through NIST or another National Metrology Institute to the International System of Units (SI units).

Control Systems 21 utilizes the comparison method of calibration. Results are reviewed, when applicable, and any results exceeding the agreed upon specifications are indicated by red and/or bold print

All results with this certification relate only to the item(s) calibrated. This certificate shall not be reproduced except in full and with written consent of Control Systems 21. Unless otherwise noted all calibrations were performed in the field at the customers location.

Please note: any number of factors may cause the calibration item to drift out of tolerance before the calibration interval has expired.

#### **Remarks or Special Requirements:**

Calibration Result: Calibration Successful

Calibrated By: <u>Tim Starr</u>

Finalized By: Tim Starr 07 November 2024 10:34:45AM



#### "Your Process Control Specialists"

#### **CERTIFICATE of CALIBRATION**

Cal Certificate # 92351

Company Name Dover Township WWTP

2480 West Canal Road

Dover, PA 17315

Instrument ID D-018

Description<br/>ManufacturerW.A.S. Train 2StatusActiveManufacturerSiemensTemp °F70Model NumberMag5000Cal Proc4.9Serial NumberN1N9070154Adjusted To ImproveNoLocation<br/>BuildingR.A.S.Calibration FrequencyAnnualBuilding<br/>Department2Calibrated11/07/2024Next Due Date11/30/2025

#### **Calibration Specifications**

	Group Name	Transmitter Test (1=PASS, 0=FAIL)	)					
Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	P/F	<b>UUT As Left</b>	P/F	<u>Dev</u>	
1	1 PASS/FAIL	+/-0.0	1.0 PASS/FAIL	P	1.0 PASS/FAIL	P	0.0	ŀ
	<b>Group Name</b>	Insulation Test (1=PASS, 0=FAIL)						
Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	<u>P/F</u>	<b>UUT As Left</b>	P/F	<u>Dev</u>	
1	1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0	
	<b>Group Name</b>	Magnetic Circuit Test (1=PASS, 0=1	FAIL)					
Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	<u>P/F</u>	<b>UUT As Left</b>	P/F	<u>Dev</u>	
1	1 PASS/FAIL	+/-0	1 PASS/FAIL	P	1 PASS/FAIL	P	0	

#### Calibration Standards Used

Test Instrument ID	<u>Manufacturer</u>	Model Number	Serial Number	Next Cal Date
SITRANS	Siemens	MAGFLO 083F5061	100116N230	8/31/2025

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

Where applicable and noted calibrations were performed using standards whose calibration is traceable through NIST or another National Metrology Institute to the International System of Units (SI units).

Control Systems 21 utilizes the comparison method of calibration. Results are reviewed, when applicable, and any results exceeding the agreed upon specifications are indicated by red and/or bold print

All results with this certification relate only to the item(s) calibrated. This certificate shall not be reproduced except in full and with written consent of Control Systems 21. Unless otherwise noted all calibrations were performed in the field at the customers location.

Please note: any number of factors may cause the calibration item to drift out of tolerance before the calibration interval has expired

#### **Remarks or Special Requirements:**

Print Date: 11/07/2024

Control Systems 21

Control Systems 21



## "Your Process Control Specialists"

## **CERTIFICATE of CALIBRATION**

Cal Certificate # 92351

Calibration Result: Calibration Successful

Calibrated By: Tim Starr

Finalized By: Tim Starr 07 November 2024 10:41:46AM



#### "Your Process Control Specialists"

#### **CERTIFICATE of CALIBRATION**

Cal Certificate # 92352

Company Name Dover Township WWTP

2480 West Canal Road Dover, PA 17315

Instrument ID D-003

**Description** Return Sludge Clarifier No. 4

Manufacturer ABB
Model Number 50XM1000
Serial Number N/A
Location R.A.S.
Building 1
Department WWTP

Status Active
Temp °F 70
Cal Proc 4.9
Adjusted To Improve No
Calibration Frequency Annual

**Calibrated** 11/07/2024 **Next Due Date** 11/30/2025

#### **Calibration Specifications**

	Group	Name	Flow Mete	r
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Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	P/F	<b>UUT As Left</b>	P/F	Dev
1	0 GPM	+/-14.0	0.0 GPM	P	0.0 GPM	P	0.0
2	700 GPM	+/-14.0	700.0 GPM	P	700.0 GPM	P	0.0
3	1,400 GPM	+/-14.0	1,396.0 GPM	P	1,396.0 GPM	P	-4.0

#### Calibration Standards Used

Test Instrument ID	<u>Manufacturer</u>	Model Number	Serial Number	Next Cal Date
СОРА Х	ABB	55XC4130A	9603N8184/C4	11/30/2024

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

Where applicable and noted calibrations were performed using standards whose calibration is traceable through NIST or another National Metrology Institute to the International System of Units (SI units).

Control Systems 21 utilizes the comparison method of calibration. Results are reviewed, when applicable, and any results exceeding the agreed upon specifications are indicated by red and/or bold print

All results with this certification relate only to the item(s) calibrated. This certificate shall not be reproduced except in full and with written consent of Control Systems 21. Unless otherwise noted all calibrations were performed in the field at the customers location.

Please note: any number of factors may cause the calibration item to drift out of tolerance before the calibration interval has expired.

#### **Remarks or Special Requirements:**

Calibration Result: Calibration Successful

Calibrated By: Tim Starr

Finalized By: Tim Starr 07 November 2024 11:10:11AM



#### "Your Process Control Specialists"

#### **CERTIFICATE of CALIBRATION**

Cal Certificate # 92353

Company Name Dover Township WWTP

2480 West Canal Road

Dover, PA 17315

Instrument ID D-004

Description<br/>ManufacturerReturn Sludge Clarifier No. 3StatusActiveManufacturerABBTemp°F70Model Number50XM1000Cal Proc4.9Serial Number98W016731Adjusted To ImproveNoLocationR.A.S.Calibration FrequencyAnnualBuilding1Calibrated11/07/2024DepartmentWWTPNext Due Date11/30/2025

#### **Calibration Specifications**

Group	Name	Flow Meter

Test Point	Ref Standard	<u>Tol</u>	<b>UUT As Found</b>	P/F	<b>UUT As Left</b>	P/F	<u>Dev</u>
1	0 GPM	+/-14.00	0.00 GPM	P	0.00 GPM	P	0.00
2	700 GPM	+/-14.00	698.20 GPM	P	698.20 GPM	P	-1.80
3	1,400 GPM	+/-14.00	1,398.00 GPM	P	1,398.00 GPM	P	-2.00

#### Calibration Standards Used

Test Instrument ID	<u>Manufacturer</u>	Model Number	Serial Number	Next Cal Date
COPA X	ABB	55XC4130A	9603N8184/C4	11/30/2024

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

Where applicable and noted calibrations were performed using standards whose calibration is traceable through NIST or another National Metrology Institute to the International System of Units (SI units).

Control Systems 21 utilizes the comparison method of calibration. Results are reviewed, when applicable, and any results exceeding the agreed upon specifications are indicated by red and/or bold print

All results with this certification relate only to the item(s) calibrated. This certificate shall not be reproduced except in full and with written consent of Control Systems 21. Unless otherwise noted all calibrations were performed in the field at the customers location.

Please note: any number of factors may cause the calibration item to drift out of tolerance before the calibration interval has expired.

#### **Remarks or Special Requirements:**

Calibration Result: Calibration Successful

Calibrated By: Tim Starr

Finalized By: Tim Starr 07 November 2024 11:12:11AM



#### "Your Process Control Specialists"

#### **CERTIFICATE of CALIBRATION**

Cal Certificate # 92354

Company Name Dover Township WWTP

2480 West Canal Road

Calibration Frequency Annual

Dover, PA 17315

Instrument ID D-100

DescriptionGas DetectionStatusActiveManufacturerSensidyneTemp °F70Model NumberSensAlert ASICal Proc4.9Serial Number2009-128Adjusted To ImproveNo

Building Calibrated 11/07/2024

Department WWTP Next Due Date 11/30/2025

#### **Calibration Specifications**

**Group Name** PASS/FAIL (1=PAS/0=FAIL)

Location N/A

 Test Point
 Ref Standard
 Tol
 UUT As Found
 P/F
 UUT As Left
 P/F
 Dev

 1
 1 PASS/FAIL
 +/-0
 1 PASS/FAIL
 P
 1 PASS/FAIL
 P
 0

#### Calibration Standards Used

Test Instrument ID Manufacturer Model Number Serial Number Next Cal Date

CALIBRATION Various N/A N/A

GAS

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

Where applicable and noted calibrations were performed using standards whose calibration is traceable through NIST or another National Metrology Institute to the International System of Units (SI units).

Control Systems 21 utilizes the comparison method of calibration. Results are reviewed, when applicable, and any results exceeding the agreed upon specifications are indicated by red and/or bold print

All results with this certification relate only to the item(s) calibrated. This certificate shall not be reproduced except in full and with written consent of Control Systems 21. Unless otherwise noted all calibrations were performed in the field at the customers location.

Please note: any number of factors may cause the calibration item to drift out of tolerance before the calibration interval has expired

#### **Remarks or Special Requirements:**

Used the following calibration gas Zero Gas Lot # 304-402910119-1 Methane 50% LEL Lot # 304-403012232-1



## "Your Process Control Specialists"

## **CERTIFICATE of CALIBRATION**

Cal Certificate # 92354

Calibration Result: Calibration Successful

Calibrated By: <u>Tim Starr</u>

Finalized By: Tim Starr 07 November 2024 11:28:38AM



# Dover Township Flow Metering 2024, 1st Quarter

					Field Measurement		Meter Readings			Data Assessment
Manhole	New Serial Number	Pipe Diameter (in)	Date	Time	Velocity (fps)	Level (in)	Level (in)	Velocity(fps)	Battery(volts)	∆ Level (in)
C-1	60222013	8	3/28/2024	10:05 AM	1.52	3.00	4.15	1.60	12.32	-1.15
T J-1	60222014	60	3/28/2024	11:10 AM	3.91	10.40	11.02	1.24	12.63	-0.62
M-1	161000002264	16	3/28/2024	1:15 PM	3.85	5.55	5.64	3.83	10.77	-0.09
WM-1	161000002262	8	3/28/2024	1:34 PM	2.80	1.85	1.81	3.00	10.22	0.04
WM-2	161000002263	10	3/28/2024	2:26 PM	3.40	2.80	2.71	3.36	10.34	0.09
WM-3	62222077	21	3/28/2024	2:48 PM	2.87	8.60	8.44	2.80	10.39	0.16
D-1	60222015	30	3/28/2024	11:52 AM	2.37	8.95	7.70	2.30	12.50	1.25
D-2	161000002264	12	3/28/2024	2:00 PM	4.92	3.60	3.57	5.10	10.27	0.03
D-3	161000002266	30	3/28/2024	3:08 PM	2.35	4.50	4.66	2.29	11.82	-0.16
D-4	161000002253	21	3/28/2024	3:44 PM	2.11	5.40	5.32	2.03	10.75	0.08
H J-1	161000002265	8	3/28/2024	11:15 AM	3.91	10.35	10.38	3.28	9.97	-0.03
WWTP16	161000002261	8	3/28/2024	10:38 AM	0.47	1.00	0.94	0.52	12.80	0.06

Meter data indicates acceptable values that are within manufacturer's calibration limits.

#### NOTES\*

M-1 and WWTP16 meters were switched out with new meters. Old meters started to record inaccurate data. J-1 Manhole has a Trimble meter and a HACH meter for Data comparisson purposes. Calibration issues are occuring with Trimble meters C-1, J-1, and D-1.



# Dover Township Flow Metering 2024, 2nd Quarter

					Field Measurement		Meter Readings			Data Assessment
Manhole	New Serial Number	Pipe Diameter (in)	Date	Time	Velocity (fps)	Level (in)	Level (in)	Velocity(fps)	Battery(volts)	∆ Level (in)
C-1	60222013	8	6/28/2024	9:30 AM	1.27	2.00	3.94	1.51	10.80	-1.94
T J-1	60222014	60	7/11/2024	11:15 AM	2.26	6.50	7.99	2.10	10.25	-1.49
M-1	161000002264	16	6/28/2024	11:55 AM	2.61	5.25	5.19	2.62	11.75	0.06
WM-1	161000002262	8	6/28/2024	12:12 PM	1.91	1.55	1.74	1.68	11.66	-0.19
WM-2	161000002263	10	6/28/2024	1:32 PM	1.95	2.50	2.60	1.79	11.67	-0.10
WM-3	62222077	21	6/28/2024	1:10 PM	1.75	5.25	5.10	1.72	11.06	0.15
T D-1	60222015	30	6/28/2024	11:00 AM	2.02	7.00	4.50	2.11	10.65	2.50
D-2	161000002264	12	6/28/2024	12:32 PM	3.20	2.50	2.29	3.83	11.94	0.21
D-3	161000002266	30	7/11/2024	10:40 AM	1.55	2.80	2.75	1.70	10.90	0.05
D-4	161000002253	21	6/28/2024	2:10 PM	1.67	3.50	3.44	1.45	11.61	0.06
H D-1	161000002257	30	6/28/2024	11:00 AM	2.02	7.00	6.83	2.10	10.31	0.17
H J-1	161000002265	60	7/11/2024	11:15 AM	2.26	6.50	6.55	2.20	11.20	-0.05
WWTP16	161000002261	8	6/28/2024	9:44 AM	0.69	1.25	1.35	0.50	11.43	-0.10

Meter data indicates acceptable values that are within manufacturer's calibration limits.

#### NOTES\*

J-1 and D-1 Manhole has a Trimble meter and a HACH meter for Data comparisson purposes. Calibration issues are occuring weith Trimble meters C-1, J-1 and D-1.



## **Dover Township Flow Metering**

2024, 3rd Quarter

					Field	Measurement	Meter Readings			Data Assessment
Manhole	New Serial Number	Pipe Diameter (in)	Date	Time	Velocity (fps)	Level (in)	Level (in)	Velocity(fps)	Battery(volts)	∆ Level (in)
C-1	60222013	8	8/20/2024	8:20 AM	1.30	2.50	2.90	1.50	11.66	-0.40
T J-1	60222014	60	8/20/2024	8:50 AM	2.70	7.5	10.50	1.91	11.62	-3.00
M-1	161000002264	16	8/20/2024	9:50 AM	3.03	5.60	5.57	3.07	11.28	0.03
WM-1	161000002262	8	8/20/2024	10:15 AM	2.85	1.85	1.91	2.82	10.92	-0.06
WM-2	161000002263	10	8/20/2024	11:30 AM	1.92	2.25	2.32	2.08	10.94	-0.07
WM-3	62222077	21	8/20/2024	12:00 PM	2.10	5.50	5.31	2.08	10.61	0.19
T D-1	60222015	30	8/20/2024	9:10 AM	2.09	8.15	4.97	2.12	11.93	3.18
D-2	161000002264	12	8/20/2024	11:05 AM	3.70	2.60	2.55	3.64	11.56	0.05
D-3	161000002266	30	8/20/2024	12:20 PM	1.90	3.25	3.21	1.87	11.00	0.04
D-4	161000002253	21	8/20/2024	1:15 PM	1.70	4.00	3.99	1.65	11.06	0.01
H D-1	161000002257	30	8/20/2024	9:10 AM	2.09	8.15	8.10	2.13	11.49	0.05
H J-1	161000002265	60	8/20/2024	8:50 AM	2.70	7.50	7.41	2.42	11.21	0.09
WWTP16	161000002261	8	8/20/2024	8:30 AM	0.10	0.60	0.48	0.10	10.70	0.12

Meter data indicates acceptable values that are within manufacturer's calibration limits.

#### NOTES\*

J-1 and D-1 Manhole has a Trimble meter and a HACH meter for Data comparisson purposes. Calibration issues are occuring weith Trimble meters C-1, J-1 and D-1.



# Dover Township Flow Metering 2024, 4th Quarter

					Field Measurement		Meter Readings			Data Assessment
Manhole	New Serial Number	•	Date	Time	Velocity (fps)	Level (in)	Level (in)	Velocity(fps)	Battery(volts)	∆ Level (in)
		(in)								
C-1	60222013	8	11/6/2024	10:00 AM	1.83	2.25	2.17	1.78	12.81	0.08
T J-1	60222014	60	11/6/2024	11:20 AM	2.52	6.70	9.83	1.992	12.15	-3.13
M-1	161000002264	16	11/7/2024	10:10 AM	2.03	4.50	4.53	2.05	10.87	-0.03
WM-1	161000002262	8	11/7/2024	10:30 AM	1.60	1.50	1.49	1.44	10.68	0.01
WM-2	161000002263	10	11/7/2024	11:30 AM	1.32	2.00	1.97	1.13	10.47	0.03
WM-3	62222077	21	11/7/2024	11:45 AM	1.78	4.50	4.50	1.98	11.66	0.00
T D-1	60222015	30	11/6/2024	11:30 AM	2.14	6.40	3.32	2.53	12.81	3.08
D-2	161000002264	12	11/7/2024	10:40 AM	3.21	2.30	2.18	3.50	11.00	0.12
D-3	161000002266	30	11/7/2024	12:00 PM	1.65	3.00	3.01	1.71	9.98	-0.01
D-4	161000002253	21	11/7/2024	12:25 PM	1.37	3.10	3.05	1.39	10.34	0.05
H D-1	161000002257	30	11/6/2024	11:30 AM	2.14	6.40	6.22	2.09	10.99	0.18
H J-1	161000002265	60	11/6/2024	11:20 AM	2.52	6.70	6.64	2.27	9.87	0.06
WWTP16	161000002261	8	11/6/2024	10:25 AM	0.32	1.10	1.25	0.46	11.00	-0.15

Meter data indicates acceptable values that are within manufacturer's calibration limits.

#### NOTES\*

J-1 and D-1 Manhole has a Trimble meter and a HACH meter for Data comparisson purposes. Calibration issues are occuring weith Trimble meters J-1 and D-

### **2024 SUBSURFACE DISPOSAL**

Of the 2,644 on-lot systems within Dover Township, 839 tanks were pumped and inspected in 2024. Following is a report (3850-FM-BCW0002) from the SEO for Dover Township summarizing 2024 permit activity. Dover Township mandates a 4-year pumping/inspection cycle for subsurface systems.

There were 2,644 existing on-lot systems in 2023. With 20 final inspections of new systems in 2024, the total of on-lot systems for 2024 was determined to be 2,664. Twenty-five final inspections in 2024 were for repairs or modifications to pre-existing systems.

# On-lot Sewage Disposal Program and Sewage Management Program Annual Report



**Bureau of Clean Water** 

For more information, visit www.dep.pa.gov

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3850-FM-BCW0002 1/2020 Instructions

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION.

#### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

# INSTRUCTIONS FOR FILING ON-LOT SEWAGE DISPOSAL PROGRAM AND SEWAGE MANAGEMENT PROGRAM ANNUAL REPORT

Read all Instructions carefully before completing your application. This is a new form. Questions may be referred to 717.787.5017.

**DEADLINE:** The annual report must be received by the Department of Environmental Protection (DEP) no later than *March 1 of each year.* 

#### COMPLETE ALL SECTIONS AS INDICATED:

**SECTION A.** The local agency (LA) official must be an elected official or a person in a responsible position with the LA, such as the Municipal Secretary or the Chairman of the Board of Supervisors. The Sewage Enforcement Officer (SEO) cannot be named as the official.

SECTION 1A. Multimunicipal local agencies and county health departments must attach a list of member municipalities and date of affiliation.

**SECTION B.** List the names of EVERY person appointed by the LA as an SEO. Do not list a firm. Attach additional sheets if more than two (2) SEOs are employed. FOR MULTIMUNICIPAL LAS AND HEALTH DEPARTMENTS – Please fill this section out by member municipality.

**SECTION C.** Do not modify this table. Information must be supported by the submission of DEP's Central Office copies of the *Application for an On-lot Sewage Disposal System Permit* (3850-FM-BCW0290) for every permit which was denied, final inspected or expired during the year. The appropriate totals of Columns C, D and E must equal the number of Central Office copies submitted with the application. Be sure final action dates are indicated. Do **not** submit Central Office copies of the *Application for an On-lot Sewage Disposal System Permit* which have **not** been finalized. These copies should be submitted with the application for the year in which the final action occurred. FOR MULTIMUNICIPAL LAs AND HEALTH DEPARTMENTS – Each member municipality must have its own Section C completed. Attach additional sheets of this Section for each member municipality.

**SECTION D.** Completion of this Section is required. This Section is being used to track program activity statistics. Information in Column A is for the total number of systems included in the sewage management program (SMP). Information in Columns B through F is for related SMP activity during the preceding year. Column E must include inspections performed by a consulting firm employed by the municipality or LA. FOR MULTIMUNICIPAL LAS AND HEALTH DEPARTMENTS – This table is by municipality. Attach additional sheets of this table for each member municipality. Include one (1) copy of all municipal ordinances, acts, regulations, or procedures used in administrating the applicant's SMP, for first time applications. Subsequent submissions must include a copy of any additions, deletions and amendments made during the preceding year to municipal ordinances, acts or procedures that affect the SMP.

**SECTION E.** This affidavit must be sworn to by the LA official before a notary public. The seal and signature of the notary public must be affixed. In the case of townships of the second class, the township seal may be affixed with the official's signature in lieu of notarization when this action has been approved by the township supervisors. The SEO **cannot** complete any part of this section. The applications must have original signatures and seals.

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# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

DEPA	RTMENT USE	ONLY
	Date Stamp	

# ON-LOT SEWAGE DISPOSAL PROGRAM AND SEWAGE MANAGEMENT PROGRAM ANNUAL REPORT FOR CALENDAR YEAR ENDING December 31, 20\_\_

READ ALL INSTRUCTIONS BEFORE COMPLETING. APPLICATION MUST BE RECEIVED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) NO LATER THAN MARCH 1 FOR ALL DUTIES PERFORMED FROM JANUARY 1 THROUGH DECEMBER 31 OF THE PRECEDING YEAR.

SECTION A						
Applicant (Local Agency (LA))  Dover Township	1.A. Multimunicipal LA  ☐ YES ☑ NO					
Address     Address     Address     Address						
3. City Dover	Zip 17315					
Name and Title of LA Official     Laurel A. Oswalt	5. E-mail Address laoswalt@dovertownship.org					
6. Daytime Telephone Number 717-292-3634	7. County York					

Submit one (1) copy of this form. For the year this annual report is covering, attach the LA's adopted fee schedule, list of member municipalities (if a multimunicipal LA) and appropriate Central Office copies of the Application for An On-lot Sewage Disposal System Permit (3850-FM-BCW0290) to:

Pennsylvania Department of Environmental Protection Bureau of Clean Water Municipal Facilities Division P.O. Box 8774 Harrisburg, PA 17105-8774

or repairing a malfunctioning system.

technical guidance (BTG)" was used.

System Modification

System Repair (BTG)

System Repair

			SECTIO	ON B		
List the primary	and ALL alternate S	EOs. Provide date  Primary	s of employm	ent for each.	Alte	rnate
Name	Keith Hunning	s		Name		
Address	1382 Seven Va	lleys Road		Address		
	York, PA 17408	3				
Telephone	717-942-2248			Telephone		
Certificate No.	03720			Certificate No.		
Employed from	1/1/24 to	12/31/24		Employed from	to	
SECTION	- SUMMARY OF P	ERMIT ACTIVITY	FROM JAN	UARY 1 THROUGH	DECEMBER 31 O	F PRECEDING YE
List precedin	g calendar year i	permit activities	, using the	UARY 1 THROUGH appropriate on-lot ssification catego	sewage system	
List precedin	g calendar year i	permit activities	, using the	appropriate on-lot ssification catego C.	sewage system ries.) D. Final	classifications fr E. Permits
List precedin 25 Pa. Code (	g calendar year <sub>l</sub> Chapter 73. (Do r	permit activities, not substitute or A. Applications Taken	using the change cla B. Permits Issued	appropriate on-lot ssification catego	D. Final Inspections	classifications fr E.
List precedin 25 <i>Pa. Code</i> (	g calendar year <sub>l</sub> Chapter 73. (Do r	permit activities not substitute or  A. Applications	using the change cla B. Permits	appropriate on-lot ssification catego C.	sewage system ries.) D. Final	classifications fr E. Permits
List preceding 25 Pa. Code (	g calendar year   Chapter 73. (Do r	permit activities, not substitute or A. Applications Taken	using the change cla B. Permits Issued	appropriate on-lot ssification catego C.	D. Final Inspections	classifications fr E. Permits
List precedin 25 Pa. Code ( 1. Residential ( 2. Residential /	g calendar year   Chapter 73. (Do r	permit activities not substitute or  A. Applications Taken 25	B. Permits Issued	appropriate on-lot ssification catego C.	D. Final Inspections	classifications fr E. Permits
List precedin 25 Pa. Code ( 1. Residential ( 2. Residential ( 3. Commercial	g calendar year   Chapter 73. (Do r	permit activities, not substitute or  A. Applications Taken 25 4	B. Permits Issued	appropriate on-lot ssification catego C.	D. Final Inspections	classifications fr E. Permits
List precedin 25 Pa. Code ( 1. Residential ( 2. Residential ( 3. Commercial	g calendar year p Chapter 73. (Do n Conventional Alternate Conventional Alternate	permit activities, not substitute or  A. Applications Taken 25 4	B. Permits Issued	appropriate on-lot ssification catego C.	D. Final Inspections	classifications fr E. Permits

	2	
-	1	-
	_	

Of those permit activities listed above, list those actions that were associated with modifying a functional system

Of those repair permit activities listed in the previous section under system repairs, list those actions where "best

1

26

1

26

2

23

Applicant: Dover Township	Municipality: Dover Township County: York
Does the municipality have a DEP approved sewage ma	anagement program (SMP)? ☑ YES ☐ NO
Status of the approved SMP (choose one):	

	SECTION D – SUMMARY OF SMP ACTIVITY FROM JANUARY 1 THROUGH DECEMBER 31 OF PRECEDING YEAR						
		A.  Number of Systems in Each Category in SMP	B.  Operation and Maintenance (O & M)  Educational Materials Sent to Property Owners	C.  Number of Pumping / Maintenance Requirement Notices Sent	D.  Number of Pumping Receipts / Maintenance Receipts Received	E.  Number of Municipal Inspections Performed	F. Enforcement Actions Taken in Response to Inspections or to Property Owner's Refusal to Comply with SMP Requirements
1,	Aerobic Treatment Tank				•		
2.	Septic Tank						
	TOTAL						
		A.	B.	C.	D.	E.	F.
1.	Pre-Regulatory Systems						
2.	Cesspools		1.77				
3.	Chemical Toilets		1				
4.	Incinerating Toilets						
5.	Composting Toilets					·	
6.	Recycling Toilets						
7.	Holding Tanks	11					
8.	Privies						
9.	Gravity Inground Bed/Trench						
10.						1	
11.	Non-Pressure Dosed Elevated Sand Mound						
12.	Pressure Dosed Elevated Sand Mound/Trench						
13.	IRSIS						
14.	Pre-IRSIS Small Flow Spray						
15.	Small Flow Stream Discharge						
16.	Large Volume Community Onlot	4					
	Spray >2000 gallons per day (gpd)				- /		
18.	Other Non-Municipally Owned Sewage Treatment Plants						
19.	Non-Municipally Owned Pump Stations, Lift Stations, etc.						
20.	Other (List & Identify)						
21.							
22.			3				
23.					1		
24.							
25.							
26.		1					
27.		4			1		
	TOTAL						

Applicant: Dover Township Municipality: Dover Township County: York

	SECTION	ON E - AFFIDAVIT	T
second (	must be completed and signed before a notary pub class, the township seal may be affixed hereto with p of the second class? (Mark the appropriate box w	the official's signature	named in Section A.4. In the case of townships of the ire in lieu of the seal of a notary public. Is applicant a Yes No
		AFFIDAVIT	
	DNWEALTH OF PENNSYLVANIA Y OF York		
official of true and	correct to the best of my knowledge and belief.	the application and d	orn according to law, depose and say that I am an documents submitted as a part of the application are
	lena M. Hall	March	Gaurelg. Oswalt
MY CON	Signature of Notary Public MMISSION EXPIRES January 28, 202	7 Ton	Signature of LA Official  Wnship Manager  Title
SEAL	Commonwealth of Pennsylvania - Notary Seal Trena M. Hall, Notary Public York County My commission expires January 28, 2029 Commission number 1274238		
	York County  My commission expires January 28, 2029		

#### ANNUAL REPORT COMPLETENES CHECKLIST

A complete annual report consists of:

- 1. Completed form with the original signatures and embossed seals. One copy is sufficient.
- One copy of the adopted fee schedule must be attached. Multimunicipal LAs and health departments must include adopted fee schedules for each member municipality, if different. Additional sheets may be attached to this report.
- 3. Multimunicipal LAs and health departments must fill out Sections B, C and D for each member municipality. Additional sheets may be attached to this report.
- 4. One copy of all municipal ordinances, acts, regulations, or procedures used in administrating the applicant's SMP, for first time applications. Subsequent submissions must include a copy of any additions, deletions and amendments made during the preceding year to municipal ordinances, acts or procedures that affect the SMP.
- 5. Central Office copies of the Application for An On-lot Sewage Disposal System Permit (3850-FM-BCW0290).



2024 Chapter 94

Municipal Wasteload Management Report

For the:

Conewago Township Sewer Authority
Conewago Township, York County

A Tributary to Dover Township WWTP

Date: March 2025



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

# CHAPTER 94 MUNICIPAL WASTELOAD MANAGEMENT ANNUAL REPORT

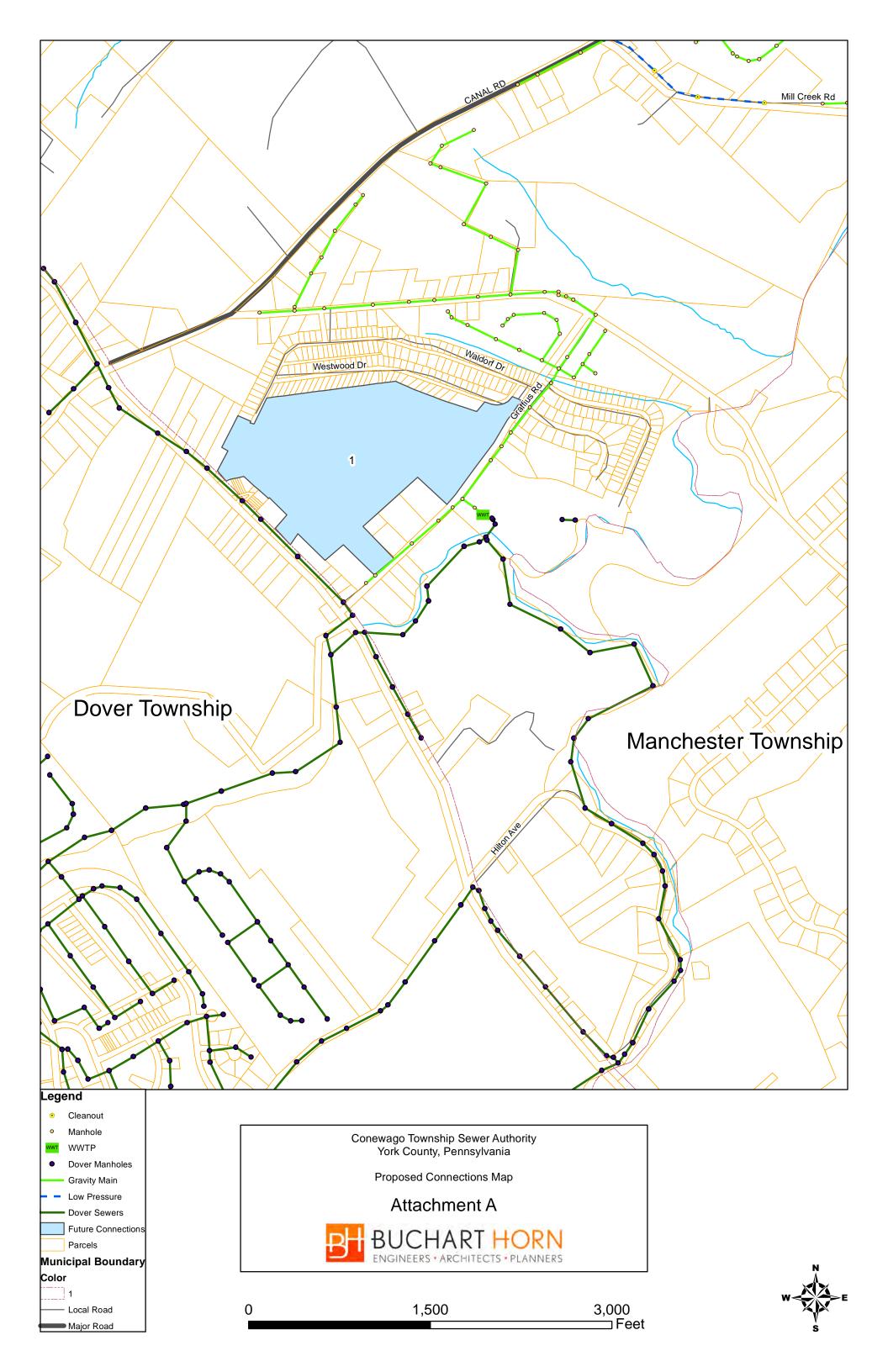
For Calendar Year: 2024

	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						
Pe	rmittee Name:	Conewago Twp. Sewer Authority	Permit No.:	PA			
Ma	illing Address:	600 Locust Point Road	Effective Date:				
Cit	y, State, Zip:	York	Expiration Date:				
Со	ntact Person:	Lisa Bortner	Renewal Due Date:				
Tit	le:	Administrator	Municipality:	Conewago Twp.			
Ph	one:	(717) 266-5518	County:	York			
En	nail:	lbortner.ctsa@gmail.com	Consultant Name:	Buchart Horn Inc.			
		CHAPTER 94 REPORT	COMPONENTS				
1.	<ul> <li>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))</li> <li>Check the appropriate boxes:  Line graph for flows attached (Attachment )  DEP Chapter 94 Spreadsheet used (Attachment )  Section 1 is not applicable (report is for a collection system).</li> </ul>						
2.	<ul> <li>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))</li> <li>Check the appropriate boxes:  Line graph for organic loads attached (Attachment )  DEP Chapter 94 Spreadsheet used (Attachment )  Section 2 is not applicable (report is for a collection system).</li> </ul>						
3.	organic projections	r 94 Spreadsheet was not used to deterns. In all cases, include a description of essary, and data used to support the projection (3)	the time needed to ex	xpand the plant to meet the load			

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 ( <b>Attachment A</b> )
	<ul> <li>∠ List summarizing each extension or project attached (Attachment B)</li> <li>∠ Schedules describing how each project will be completed over time and effects attached (Attachment B)</li> </ul>
	Comments:
	There are no significant sewer extension projects planned for Conewago Township Sewer Authority. All additional sewers to be installed will be as a part of a subdivision that is planned within the next five years.
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:
	<ul> <li>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.</li> <li>System did not experience capacity-related bypassing, SSOs or surcharging during the report year.</li> </ul>
	Comments:
	See Attachment C

7.		dition of sewage pumping (pump) stations. Include a comparison of the maximum num flows and the projected 2-year maximum flows for each station. (25 Pa. Code §
	Check the appropriate boxes:	
	☐ The collection system does in	not contain pump stations
	-	contain pump stations (Number – )
	☐ Discussion of condition of ea	ach pump station attached ( <b>Attachment</b> )
8.	8. If the sewage collection syster information listed below. ( <u>25 Pa</u>	n receives industrial wastes (i.e., non-sanitary wastes), attach a report with the a. Code § 94.12(a)(8))
		regulation governing industrial waste discharges to the sewer system or a copy of the initial submission of the ordinance or regulation under Chapter 94, if it has not
	<ul> <li>A discussion of the permitt discharges into the sewer sy</li> </ul>	ree's or municipality's program for surveillance and monitoring of industrial waste stem during the past year.
	industrial waste discharges discussion shall include a lis in the sewer system and act pollution prevention technique	oblems in the sewer system or at the plant, known or suspected to be caused by and a summary of the steps being taken to alleviate or eliminate the problems. The st of industries known to be discharging wastes which create problems in the plant or ion taken to eliminate the problem or prevent its recurrence. The report may describe use in the summary of steps taken to alleviate current problems caused by industrial actions taken to eliminate or prevent potential or recurring problems caused by
	Check the appropriate boxes:	
		scribed in 8 a., b. and c. attached (Attachment )
	•	rt as required in an NPDES permit attached ( <b>Attachment</b> )
9.	9. Existing or Projected Overload.	
	Check the appropriate boxes:	
	This report demonstrates ar	existing hydraulic overload condition.
	·	projected hydraulic overload condition.
	•	existing organic overload condition.
	☐ This report demonstrates a	projected organic overload condition.
		e been checked, attach a Corrective Action Plan (CAP) to reduce or eliminate present tions under §§ 94.21 and/or 94.22 (relating to existing overload and projected (2(a)(9))
	Corrective Action Plan attac	ched (Attachment )
10.		permit, attach a Sewage Sludge Management inventory that demonstrates a mass leaving the facility over the previous calendar year.
	☐ Sewage Sludge Managemer	nt Inventory attached (Attachment )

<ol> <li>For facilities with CSOs and where required by the NPDES permit, attach an Annual CSO Report (including satellite combined sewer systems).</li> </ol>					
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 )					
RESPONSIBLE OFFIC	CIAL 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).					
Lisa Bortner	Losa Bortner				
Name of Responsible Official (717) 266-5518	Signature 2/1/2005				
Telephone No.	5/11/2025				
relephone No.	Date / /				
PREPARER CE	ERTIFICATION				
I certify under penalty of law that this document and all attach or supervision in accordance with a system designed to assuthe information submitted. The information submitted is, to complete. I am aware that there are significant penalties for and imprisonment for knowledge of violations. See 18 Pa. C.S.	re that qualified personnel properly gathered and evaluated the best of my knowledge and belief, true, accurate, and submitting false information, including the possibility of fine				
Matthew Todaro, P.E.	Mad Off				
Name of Preparer	Signature				
(717) 852-1345	3/12/25				
Telephone No.	Date				





#### **Attachment B**

#### **Sewer Authority Extensions**

In 2024, there were no significant sewer extension projects constructed by the Conewago Township Sewer Authority (CTSA).

#### **Developer/Subdivision Extensions**

In 2024, the Fox Run Subdivision completed construction on Phase 1 of the subdivision. Phase 1 included:

- 1,926 LF of 8" PVC Gravity Sewer Main
- 11 Manholes
- 26 Lateral Connections

As of December 31st, 2024, none of the 26 connections have been made. These connections are all anticipated in 2025.

#### **Future Extensions**

Table B1 shows a summary of proposed and accepted projects that will require the construction of sanitary sewer lines along with their projected flows and projected date of construction.

Subdivision Name	Approximate Population to be Served/Proposed Flow	Projected Year(s) of Construction
Fox Run	128 edus	2025-2027

**Table B1: Future Sanitary Sewer Projects** 

The CTSA has sufficient capacity at the Dover Township WWTP for these anticipated EDUs. Additionally, the CTSA collection system has sufficient capacity to accommodate these additional EDUs. No upgrades or modifications will need to be made on the collection or treatment systems in order to accommodate the anticipated EDUs for Conewago Township.



### **Attachment C**

#### A. Description of System

The Conewago Township Sewer Authority (CTSA) owns and maintains 9,620 LF of gravity sewer tributary to the Dover Township Wastewater Treatment Plant (WWTP). At year-end 2024, a total of 300 EDUs flowed through this system. Of the 300 EDUs, 54 of the EDUs flow through a private, unmetered sewer line that enters directly into the Dover Township WWTP and 54 of the EDUs flow through Dover Township owned sewer mains. The remainder of the EDUs flow though sewer mains that are owned and operated by the CTSA.

#### B. Condition of Collection System

All CTSA owned sewers tributary to the Dover WWTP are just over twenty years old and are in excellent condition. However, there are two mobile home parks with older systems which are tributary to the Dover Plant. The condition of these privately owned sewer lines is questionable. The Authority has adopted Resolution 1999-1 which sets forth procedures for the evaluation of inflow/infiltration into its collection system and calls out alternative billing which will be imposed if the problems are not addressed.

#### C. Monitoring

The majority of the flow from Conewago Township to Dover Township's WWTP is monitored using a Trimble RU-35 Flow Meter located at the head of Dover Township's WWTP. The flow data for 2024 from this meter is shown in Table C1 below.

The remainder of the flow, specifically from a portion of one mobile home park, is estimated at 300 GPD/EDU. Multiple Hach FL 900 flow meters were installed in this line to record the flow conditions, however the meters were not installed until 2024 began so not enough flow data was recorded to include in this report. This flow however does not contribute a significant amount to the overall flow at Dover Township's WWTP.

Month	Average Daily Flow (MGD)	Max. Daily Flow (MGD)	Total Flow (MG)
January	0.191	0.926	6.574
February	0.184	0.392	5.956
March	0.192	0.843	6.598
April	0.180	1.088	6.036
May	0.122	0.218	4.428
June	0.103	0.222	3.731
July	0.084	0.288	3.246
August	0.094	0.797	3.573
September	0.077	0.182	2.948
October	0.070	0.165	2.831
November	0.068	0.162	2.679
December	0.092	0.464	3.507
Average	0.121	0.479	4.342
Total			52.106

Table C1: CTSA Flow Data

#### D. <u>Maintenance, Repair and Rehabilitation</u>

Maintenance of the Conewago Township Sewer System is carried out by the contract operator - ARRO Consulting. Preventative maintenance, in the form of cleaning and televising, is scoped out and put out to bid. Repairs and rehabilitation of the Conewago Township Sewer System are done on either an emergency or as need basis. CTSA has an on-call contract with a local contractor for their emergency repairs. In the event of a significant and timely repair needing done (i.e. broken pipe, busted manhole bolts, etc.), CTSA will authorize this contractor to go out and make the repair in order to maintain service as well as prevent significant environmental impact.

#### E. <u>Industrial Waste</u>

No industrial waste flows are tributary to Dover's Wastewater Treatment Plant from Conewago Township.

#### F. Available Capacity

At year end of 2024, the Conewago Township Sewer Authority held a total of 322 EDUs.

#### G. <u>Projected Connections to Dover WWTP</u>

Subdivision	Reserved EDU's		Projected			
	LDO 3	2025	2026	2027	2028	2029
Fox Run Subdivision	129	26	22	25	35	21
Total	129	26	22	25	35	21



# INTERCEPTOR AND COLLECTOR SYSTEM TRIBUTARY TO DOVER TOWNSHIP WASTEWATER TREATMENT FACILITY

2024 ANNUAL MUNICIPAL WASTELOAD MANAGEMENT
(CHAPTER 94) REPORT
TO
THE PENNSYLVANIA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

For: MANCHESTER TOWNSHIP 3200 FARMTRAIL ROAD YORK, PA 17406

March 21, 2025

### **Table of Contents**

Exhibit MT Chapter 94 Municipal Wasteload Management Annual Report

Attachment MT-1 Tabulation of Available Sewer Reserve Capacity

Attachment MT-2 Proposed Projects – Map

Attachment MT-3 Projected Connection to Dover Township Advanced Wastewater Treatment Facility

(DTAWWTF)

Attachment MT-4 Manchester Township Sanitary Sewer System Maintenance Program 2024

Attachment MT-5 Manchester Township System Conditions

Attachment MT-6 Pump Station Conditions

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

## CHAPTER 94 MUNICIPAL WASTELOAD MANAGEMENT ANNUAL REPORT

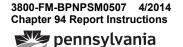
For Calendar Year: 2024

	<ul> <li>□ Permittee is owner and/or operator of a POTW or other sewage treatment facility</li> <li>□ Permittee is owner and/or operator of a collection system tributary to a POTW not owned/operated by permittee</li> </ul>					
	GENERAL INFORMATION					
Permit	ttee Name:	Manchester Township	Permit No.:	PA0020826		
Mailing	g Address:	3200 Farmtrail Raod	Effective Date:			
City, S	State, Zip:	York, PA 17406	Expiration Date:			
Conta	ct Person:	Tim James	Renewal Due Date:			
Title:		Manager	Municipality:	Manchester Township		
Phone	e:	(717) 764-4646	County:	York		
Email:		t.james@mantwp.com	Consultant Name:			
		CHAPTER 94 REPORT	COMPONENTS			
5 y	<ul> <li>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))</li> <li>Check the appropriate boxes:  Line graph for flows attached (Attachment )  DEP Chapter 94 Spreadsheet used (Attachment )  Section 1 is not applicable (report is for a collection system).</li> </ul>					
me de CI	<ul> <li>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))</li> <li>Check the appropriate boxes:  Line graph for organic loads attached (Attachment DEP Chapter 94 Spreadsheet used (Attachment Section 2 is not applicable (report is for a collection system).</li> </ul>					
or pro <u>Pa</u>	<ol> <li>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))</li> <li>Five year flow projections attached - See Attachment MT-1</li> </ol>					

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 ( <b>Attachment 2</b> )
	<ul> <li>☐ List summarizing each extension or project attached (Attachment 3)</li> <li>☐ Schedules describing how each project will be completed over time and effects attached (Attachment )</li> </ul>
	Comments:
	No pipelines have existing or projected hydraulic overloads.
i	
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 MT-4
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:
	<ul> <li>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.</li> <li>System did not experience capacity-related bypassing, SSOs or surcharging during the report year.</li> </ul>
	Comments:
	See Attachment MT-5

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 – 3)  Discussion of condition of each pump station attached (Attachment 6)
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:
	<ul> <li>Industrial waste report as described in 8 a., b. and c. attached (Attachment )</li> <li>Industrial pretreatment report as required in an NPDES permit attached (Attachment )</li> </ul>
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 )

<ol> <li>For facilities with CSOs and where required by the NPI combined sewer systems).</li> </ol>	DES permit, attach an Annual CSO Report (including satellite
Annual CSO Report attached (Attachment )	
12. For POTWs, attach a calibration report documenting that calibrated annually. (25 Pa. Code § 94.13(b))	t flow measuring, indicating and recording equipment has been
Flow calibration report attached (Attachment )	
RESPONSIBLE OFF	ICIAL CERTIFICATION
accordance with a system designed to assure that qualifie submitted. Based on my inquiry of the person or persons of the gathering the information, the information submitted is, complete. I am aware that there are significant penalties from and imprisonment for knowledge of violations. See 18 Pa. Complete.	achments were prepared under my direction or supervision in d personnel properly gathered and evaluated the information who manage the system or those persons directly responsible to the best of my knowledge and belief, true, accurate, and or submitting false information, including the possibility of fine C.S. § 4904 (relating to unsworn falsification).
Tim James	
Name of Responsible Official	Signature
717-764-4646	3/20/2025
Telephone No.	Date
PREPARER C	CERTIFICATION
or supervision in accordance with a system designed to as the information submitted. The information submitted is.	chments were prepared by me or otherwise under my direction sure that qualified personnel properly gathered and evaluated to the best of my knowledge and belief, true, accurate, and or submitting false information, including the possibility of fine C.S. § 4904 (relating to unsworn falsification).
Benedict J. Treglia, P.E.	Sevediet Meclia, P.E.
Name of Preparer	( ) ( )
717-764-4646	3/26/2025
Telephone No.	Date
A supplied to the supplied to	



DEPARTMENT OF ENVIRONMENTAL

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

## CHAPTER 94 MUNICIPAL WASTELOAD MANAGEMENT ANNUAL REPORT INSTRUCTIONS

This form has been developed to promote consistency in the development of annual municipal wasteload management reports ("Chapter 94 reports") required by 25 Pa. Code § 94.12. At least two copies of the complete report must be submitted to the appropriate regional office of the Department of Environmental Protection (DEP) by March 31.

Enter the calendar year that the report covers at the top of the form. Check the appropriate box to indicate whether the permittee is the owner/operator of a publicly owned treatment works (POTW) or other sewage treatment facility, or is the owner/operator of a sewage collection system that is tributary to a POTW owned/operated by a different entity.

#### **General Information**

Record the name of the permittee, the permittee's full mailing address, the permittee's contact person and this person's title, phone number and email address. Also record the permit number (NPDES or WQM), the effective date of permit coverage, the expiration date of permit coverage (if applicable), the date by which an application or NOI is due for reissuance (renewal) (if applicable), the municipality and county where the sewage treatment facility or collection system is located, and the name of the consultant (company name), if any, who assisted in the preparation of the form.

#### **Chapter 94 Report Components**

This section requests responses to 12 questions that, if applicable, must be addressed for a complete Chapter 94 report. Questions 1 - 9 and 12 come directly from the Chapter 94 regulations, i.e., 25 Pa. Code §§ 94.12(a)(1) – 94.12(a)(9) and 94.13(b). Some questions request that you check an appropriate box, attach the information requested, and specify the attachment number, while responses to other questions may be entered directly on the form.

For Questions 1 and 2, permittees may use DEP's Chapter 94 Spreadsheet to satisfy 25 Pa. Code §§ 94.12(a)(1) and 94.12(a)(2), respectively. DEP encourages use of the Chapter 94 Spreadsheet to provide consistency in the format and calculations associated with hydraulic and organic load evaluations (see <a href="https://www.depweb.state.pa.us/chapter94">www.depweb.state.pa.us/chapter94</a>). If the Chapter 94 Spreadsheet was used, check the appropriate box(es) and attach printouts of the data and graphs to the Chapter 94 report. If this report is being used for a collection system only, these graphs are not needed.

For Question 6, if the permittee checks the box that there were capacity-related bypasses or SSOs during the report year, in general the box for existing hydraulic overload in Question 9 should be checked. If the permittee checks the box in Question 6 because surcharging occurred during the report year, in general the box for projected hydraulic overload in Question 9 should be checked.

For Question 8, if the permittee has an EPA-approved pretreatment program, attachment of an annual pretreatment report as required in an NPDES permit will satisfy the requirement for an industrial waste report.

For Question 10, if a permit requires a "Sewage Sludge Management" inventory, check the appropriate box if the inventory is attached to the Chapter 94 report.

For Question 11, if an NPDES permit (individual permit or, for satellite collection systems, PAG-06 General NPDES permit coverage) requires an Annual CSO (Status) report, attach the CSO report to the Chapter 94 report and check the appropriate box.

#### Certification

In accordance with 25 Pa. Code § 94.12(a), both the individual who prepared the report and (a responsible official of) the permittee must sign the report. The term "responsible official" for a municipality is a principal executive officer or ranking elected official.

Questions on the completion of Chapter 94 reports may be directed to DEP's Bureau of Point and Non-Point Source Management at (717) 787-8184 or to the appropriate DEP regional office (contact information available by visiting DEP's website, www.depweb.state.pa.us, and selecting Regional Resources).

#### TABULATION OF AVAILABLE SEWER RESERVE CAPACITY (BASED UPON FIVE-YEAR AVERAGE DAILY FLOWS)

COLLECTION AND TRANSPORTATION SYSTEM

WASTEWATER TREATMENT FACILITY

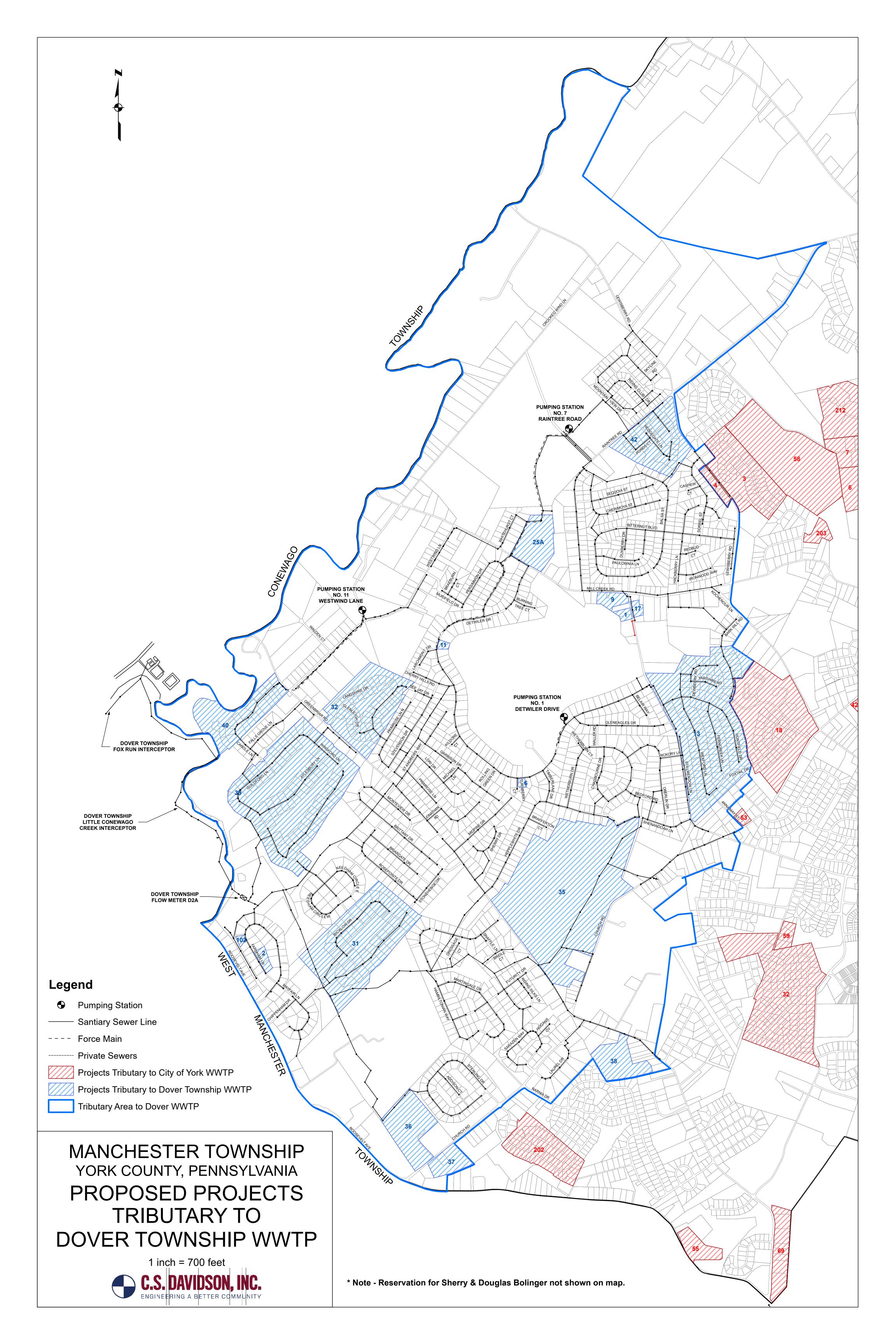
From: Manchester Township

To: Dover Township

SOURCES FOR PROJECTION	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	Future <u>Years</u>
Existing Flow From Current Users(1)	446,000	446,600	450,200	454,400	457,400	460,400	460,400
Projected Flow Increase From New Customers(2)	<u>600</u>	<u>3,600</u>	<u>4,200</u>	3,000	3,000	<u>17,700</u>	<u>17,700</u>
Total Estimated Wastewater Flows	446,600	450,200	454,400	457,400	460,400	478,100	478,100
Percent Usage	61.01%	61.50%	62.08%	62.49%	62.90%	65.31%	65.31%
Total Permitted Capacity/Agreement(3)	732,000	732,000	732,000	732,000	732,000	732,000	732,000
Total Amount of Available Capacity	285,400	281,800	277,600	274,600	271,600	253,900	253,900

#### NOTES AND ASSUMPTIONS:

- (1) Based upon five year average flow in gallons for 2020 thru 2024.
- (2) See projected connections based on 300 GPD/EDU (Attachment MT-3).
- (3) Current permitted capacity is 732,000 GPD per municipal agreement.



## MANCHESTER TOWNSHIP PROJECTED CONNECTIONS TO EXISTING DOVER TOWNSHIP ADVANCED WASTEWATER TREATMENT FACILITY

	Name and Description	Capacity Balance <u>Gallons/Day</u>	<u>2025</u>	Proposed Conr <u>2026</u>	nections (Gallor <u>2027</u>	ns/Day) <u>2028</u>	<u>2029</u>	Future <u>Years</u>
13 *	Michael N. Rutter (Spring Meadows) Tax Map KH, Parcels 111A, 112 2825 Still Meadow Lane (4 EDUs @ 300 GPD Remaining)	1,200	0	0	0	0	0	1,200
34 **	Rutters Spring Meadows (4 EDUs @ 300 GPD)	1,200	0	0	0	0	0	1,200
35	James & Nancy Kohr Hepplewhite Estates (All Phases) (67 EDUs @ 300 GPD)	20,100	300	1,500	1,500	1,500	1,500	13,800
37	JG Leasing - Church Road (6 EDUs @ 300 GPD)	1,800	0	600	1,200	0	0	0
**	Perko,Stephen & Leah - 1275 Millcreek Rc	300	300	0	0	0	0	0
	Miscellaneous Connections (Based on conne	ctions per year	0	1,500	1,500	1,500	1,500	1,500
	AVERAGE DAILY FLOW TOTALS:	24,600	600	3,600	4,200	3,000	3,000	17,700
	SUMMARY OF EDU PROJECTIONS:	82	2	12	14	10	10	59
** Pro	ojects are tributary to Detwiler Drive (No. 1) Sewage Pump ojects are tributary to Raintree Road (No. 7) Sewage Pump rojects are tributary to Westwind Lane (No. 11) Sewage Pu	Station.	0 300 0	0 0 0	0 0 0	0 0 0	0 0 0	1,200 1,200 0

### MANCHESTER TOWNSHIP SANITARY SEWER SYSTEM MAINTENANCE PROGRAM

### 2024

- 1. As of December 31, 2022, the Manchester Township Sanitary Sewer System consisted of 137.12 miles of sewer line and nine (9) pump stations. 45.2 miles of collector / interceptor lines and force main and three (3) pump stations are tributary to the Dover Township Wastewater Treatment Plant; 22.21 miles of collector / interceptor lines and force main, and two (2) pump stations are tributary to the Springettsbury Township Wastewater Treatment Facility; 65.58 miles of collector / interceptor lines and force main and four (4) pump stations are tributary to the York City Wastewater Treatment Plant.
- 2. The Manchester Township Public Works Department is comprised of thirteen (13) full-time employees of which, two (2) are assigned to perform sanitary sewer related duties. They are responsible for the daily maintenance of the <u>136.05</u> miles of sewer line and the nine (9) pump stations and are supervised by the public works superintendent. They are also responsible for the field marking of sewer line location to comply with the Pennsylvania Act 172 (PA One-Call System). During 2022 they responded to 2,769 requests.
- 3. The sewer department employees have the following equipment at their disposal to conduct their assigned duties:
  - a. 2017 Ford F-550 with a utility body (containing various hand tools and safety equipment)
  - b. 2019 Freightliner Vactor 2100i
  - c. 2021 E-450 Box Truck with Rausch camera system operated by Possum software package.
  - d. 2019 Cues MP+ Push Camera Inspection System (laterals)
  - e. Superior smoke blower (used to identify sources of I/I or illegal connections)
  - f. Gorman–Rupp 6" Centrifugal pump (used for relief pumping and temporary backup for pump stations).
  - g. RootX FDU-200 applicator to apply root control material.
- 4. During 2024, the sewer maintenance activities included the following:
  - a. Lines tributary to the York City system 21,510 feet of cleaning, 15,838.7 feet of televising and 7 lateral inspections.
  - b. Lines tributary to the Dover Township system 11,984 feet of cleaning, 894 feet of televising and 1 lateral inspections.
  - c. Lines tributary to the Springettsbury Township system 3,631 feet of cleaning, and 2,195 feet of televising and 4 lateral inspections.

#### Maintenance Program

- d. Personnel also conducted inspections of 408 manholes of which 147 manholes tributary to the York City system, 44 manholes tributary to the Springettsbury system, and 217 manholes tributary to the Dover system.
- e. The sewer maintenance personnel raised or repaired twenty five (25) manhole frames, two (2) of which were tributary to the Dover system and zero (0) tributary to the Springettsbury system and twenty-three (23) of which were tributary to the York system.
- f. Personnel continue to spend considerable time checking flow conditions of the sanitary sewer interceptor line that connects Manchester Township to the York City Treatment Plant, from the Skyview Drive and North George Street area. In past years this area has required relief pumping when extreme weather conditions of heavy rain and/or snow melt occurred. There was no relief pumping during 2024.
- g. Following the relief pumping events of 2014, Manchester Township received a Notice of Violation from the PA Department of Environmental Protection for the discharge of untreated sewage into an unnamed tributary of the Codorus Creek. Representatives from the Township along with the Township's Engineer C.S.Davidson, met with PA DEP and continue to correspond on the development and implementation of a Corrective Action Plan and a Consent Order / Agreement to address and eliminate the need to perform relief pumping in the Skyview Drive/ North George Street area. Manchester Township received notification from DEP on September 29, 2020 that the obligations of the COA are terminated effective the same date.
- h. The sewer maintenance personnel monitor and clean the pump station wet wells as needed to remove any accumulation of grease that is present. An article was published in the Township's newsletter which is distributed to every residential property located in the Township to educate residents on the proper disposal of household grease. The newsletter is distributed three times a year to approximately 7,333 households.
- i. During 2024, the biannual cleaning of a portion of the sewer line in sewer district "A", which is tributary to the York City system. This cleaning is done to deal with grease and solids that enter the system from the many restaurants that are connected to this collector. This preventive maintenance measure has helped keep these lines clean and helps to prevent backups in this area and will continue into 2025.

#### Maintenance Program

- j. On September 26, 2003, all required information and forms were submitted to the Department of Environmental Protection to have the employees of Manchester Township, that were eligible, to be grand parented into the required certification program as a satellite sewage treatment operator. In 2021, Manchester Township had Four (4) employees with certification. Four (4) of the employees have permanent certification. Training will continue for all employees as necessary to comply with the regulations to maintain the certifications.
- k. The Manchester Township sewer crew personnel conducted 42 grease trap inspections at commercial establishments located within the Township. The commercial establishments were requested to provide either the manifest from the contractor that provided the grease trap cleaning service or provide documentation that the grease trap was cleaned by company personnel.
- 5. In 2025, the sewer department personnel will continue to monitor flows and inspect manholes and pump stations in all sewer districts as well as cleaning and TV inspection as required. Additional time will be allocated for the televising of sewer lines during periods of significant precipitation to identify sources of I/I, including the collector lines tributary to the Skyview Drive/North George Street sewer line. Several other goals for 2025 are as follows:
  - a. Clean, televise, and repair as necessary, all sanitary sewer lines affected by the 2025 street and road construction schedule. Manhole adjustments and repairs to be completed as required for infiltration reduction.
  - b. Continue to TV and monitor flows from the private collection systems within Manchester Township, especially during periods of significant precipitation.
  - c. Continue the biannual cleaning of the sanitary sewer line located in the Route 30 area that has a large concentration of restaurants and have the potential of depositing abnormal amounts of grease. Grease trap inspections will be conducted at the restaurants to ensure proper maintenance is being completed.
  - d. Conduct smoke testing of sewer lines to identify possible sources of I/I and illegal connections (as time permits).
  - e. Conduct inspections of properties identified to have sump pumps and / or downspouts connected to the sewer line to eliminate ground water from being pumped into the sanitary sewer system.
  - f. Schedule nighttime inspections of sewer lines in residential areas to identify potential sources of I/I during periods of significant precipitation.
  - g. Continue to inspect and apply preventive maintenance procedures to all sanitary sewer-pumping stations to ensure their continued operation.

#### Maintenance Program

- h. Continue to train sewer department personnel in the latest equipment and safety issues that apply to the day-to-day operation of the Manchester Township sanitary sewer system and its related areas of responsibility.
- i. In cooperation with Dover Township and/or other training providers, continue to provide training to meet the continuing education requirements for the Certified Wastewater Systems Operators.
- j. Conduct inspection of manholes in off street right of ways to identify possible sources of I/I. Including watertight lid conditions and manhole frames being sealed to the cone sections of the manhole.
- 6. Sewer projects that were performed in 2024 are as follows:
  - a. Replaced lateral from home to sewer main at 511 Norman rd. with aid of contractor Sweitzer contracting.
  - b. Pump station 2 decommission process begins with bid out and work started in December of 2024 by E&K Services.
  - c. May road sewer line abandoned from the side of road in grass to being installed new in the middle of the road due to gravity and location issues. Work begins mid-January of 2025 by Doli Construction.
  - d. 10 lined manholes with new composite lids along pump station 7 right of way.
  - e. 20 frames and lids were replaced on woodland view from North George Street up to Friesian road due to repaying.
  - f. 31 buildings have been demolished and sewer laterals stubbed due to the new I-83 plans including 12 on Queen Street, 5 on N Pine Street, 2 on Toronita Street, 12 on North Point Drive.

	York	Springettsbury	Dover	Year End Total
Lines Cleaned	21510	3631	11984	37125
New Pipe "TV"	5628.7	0	0	5628.7
Old Pipe "I & I"	10210	2195	894	13299
Smoke Test	5257	0	26858	32115
Lines Root Cut	0	0	758	758
Manhole Inspections	147	44	217	408
Manholes Repaired	23	0	2	25
Dishpans Installed	16	0	0	16
Laterals "TV"	7	4	1	12
Grease Trap Inspections	42	0	0	42

#### Comments:

#### JANUARY:

Hydro excavated around pump station 6 force main to uncover the valve box manhole. Installed new hour meters for pump station 3 along with installing motor #3 back from motor technology.

#### MARCH:

Complex meeting hosted by Manchester Township for replacing old manoles with composite. Contained and cleared SSO at pump station #3 due to failure of air release valve. Smoke testing occurred.

#### **APRIL:**

Flush truck and camera unit sent for yearly updates and inspection. Manhole and right of way inspections. Grease traps inspections finished. Clearview excavating installed pump station 6 cleaning vault on blackbridge. AUGUST:

Pump Station #3 force main SSO occurred, were notified through DEP from an odor of a close by stream. Force main was repaired by PSI. Manchester Township/ Lewis Environmental cleaned creeks and removed any debris. Recording of old and new pipe in township.

#### **SEPTEMBER:**

511 Norman Rd. repaired lateral from house to main with help from Sweitzer contracting.

### Manchester Township

Department of Environmental Protection

Wastewater Systems Operators Certificate Information

Grandparented Facility Id # 567443

Name	Client ID #	Certificate #	Exp. Date	Hours
Jacob H Ziegler	378214	S25034	9/30/2026	5.5
*Robert M Hartman	235828	S13579	9/30/2025	11
*James L Christy	343885	S21669	9/30/27	0
*Greg A Frye	267277	S15996	3/31/27	0

<sup>\*</sup>Employees with permanent Wastewater System, Class E, Subclass 4 certification.

**UPDATED AS OF 1/9/2025** 

#### **MANCHESTER TOWNSHIP**

#### A. System Monitoring, Maintenance, and Repair

The sanitary sewer system maintenance program is described on Attachment MT-4.

#### **B.** Collection System Condition

- 1. <u>Conveyance Capacity</u>: No Hydraulic overload of any Manchester Township pipeline facilities is anticipated during the next five (5) years.
- 2. Major Rehabilitation:

In 2024, there were no sanitary sewer main replacements.

#### C. Sanitary Sewer Extensions

- 1. Extensions: No sanitary sewer extensions were built in 2024.
- 2. <u>Proposed Projects</u>: Some of the undeveloped areas within the Township will be served by the existing system and require only tap-ins. Major projects in the planning or construction stage are indicated on Attachment MT-2 and MT-3.

#### D. Waste Flow Data

1. The total number of sewer connections completed in Manchester Township during each of the past five (5) years are as follows:

2020	2021	2022	2023	2024
4	7	6	5	3

The sewer connections added in 2024 consist of 3 residential connections.

2. The estimated flows for the projected next five years are shown on Attachments MT-1 and MT-3.

#### F. Connections to Dover WWTP

1. According to Township records, there are 2,122 connections to the system.

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Dover Township – Chapter 94 2024 Wasteload Management Report Attachment MT-6 10-Mar-25 Page 1 of 1

#### **Detwiler Drive Pump Station (No. 1)**

Most recent rating: 139 gpm

Year: 2021 Capacity: 200,160 gpd

	Hours / Day	Gallons / Day	Peak. Factor
Average	3.1	25,900	
Maximum	12	100,100	3.9

#### The 2-Year projections are as follows:

_	2024	2025	2026
Avg. Daily Flow, gpd	25,900	25,900	25,900
Max. Daily Flow, gpd	100,100	100,100	100,100
Max. Flow, % of Capacity	50%	50%	50%

#### Raintree Road Pump Station (No. 7)

Most recent rating: 411 gpm

Year: 2023 Capacity: 591,840 gpd

	Hours / Day	Gallons / Day	Peak. Factor
Average	7.2	177,600	
Maximum	19	468,500	2.6

#### The 2-Year projections are as follows:

_	2024	2025	2026
Avg. Daily Flow, gpd	177,600	177,600	177,600
Max. Daily Flow, gpd	468,500	468,500	468,500
Max. Flow, % of Capacity	79%	79%	79%

#### **Westwind Lane Pump Station (No. 11)**

Most recent rating: 121 gpm

Year: 2023 Capacity: 174,240 gpd

	Hours / Day	Gallons / Day	Peak. Factor
Average	1.1	8,000	
Maximum	2.6	18,900	2.4

#### The 2-Year projections are as follows:

_	2024	2025	2026
Avg. Daily Flow, gpd	8,000	8,000	8,000
Max. Daily Flow, gpd	18,900	18,900	18,900
Max. Flow, % of Capacity	11%	11%	11%

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



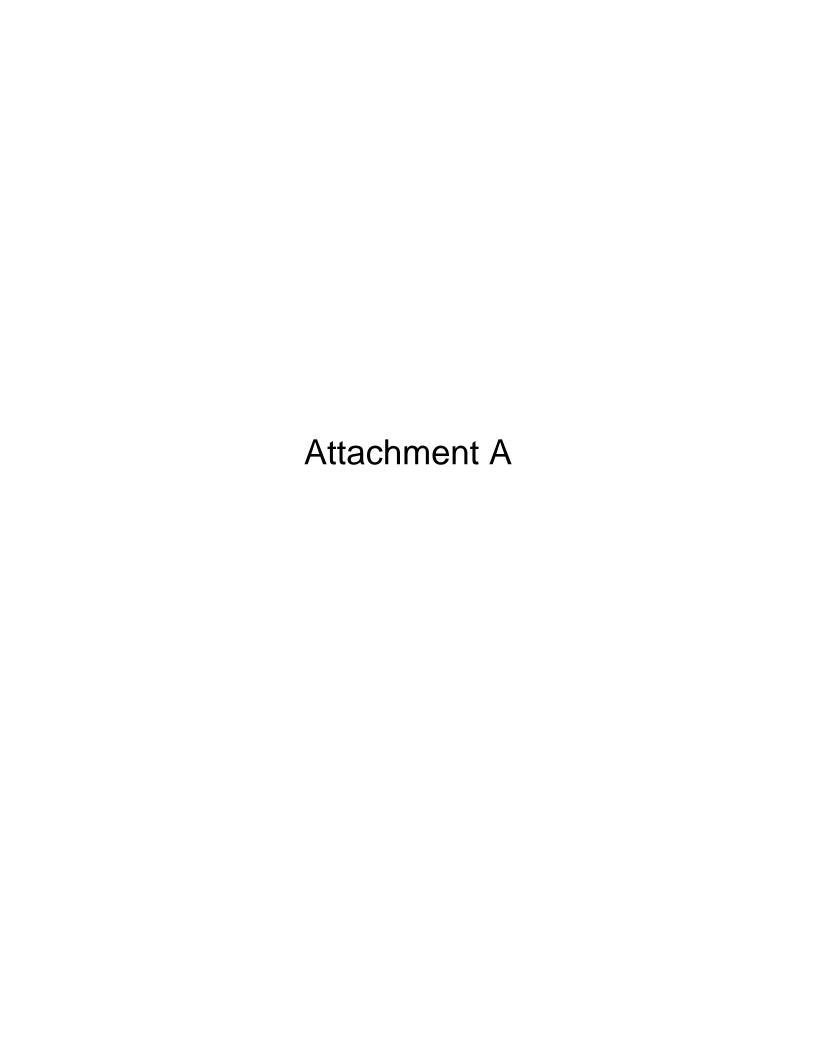
For Calendar Year: 2024

	<ul> <li>□ Permittee is owner and/or operator of a POTW or other sewage treatment facility</li> <li>□ Permittee is owner and/or operator of a collection system tributary to a POTW not owned/operated by permittee</li> </ul>			
		GENERAL INFO	RMATION	
Pe	rmittee Name:	West Manchester Township	Permit No.:	PA
Ma	ailing Address:	380 East Berlin Road	Effective Date:	
Cit	y, State, Zip:	York, PA 17408	Expiration Date:	
Со	ntact Person:	Mr. Richard Shaw	Renewal Due Date:	
Tit	le:	Public Works Director	Municipality:	West Manchester Township
Ph	one:	717-792-3505	County:	York
En	nail:	rshaw@wmtwp.com	Consultant Name:	Dawood Engineering, Inc.
		CHAPTER 94 REPOR	T COMPONENTS	
	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))  Check the appropriate boxes:  Line graph for flows attached (Attachment )  DEP Chapter 94 Spreadsheet used (Attachment )  Section 1 is not applicable (report is for a collection system).			
2.	<ul> <li>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))</li> <li>Check the appropriate boxes:         <ul> <li>Line graph for organic loads attached (Attachment )</li> <li>DEP Chapter 94 Spreadsheet used (Attachment )</li> <li>Section 2 is not applicable (report is for a collection system).</li> </ul> </li> </ul>			
3.	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))  N/A Collection System only			

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 ( <b>Attachment</b> )
	<ul> <li>☐ List summarizing each extension or project attached (Attachment )</li> <li>☐ Schedules describing how each project will be completed over time and effects attached (Attachment )</li> </ul>
	Comments:
	As indicated on page 3 of the Attachment A report, no extensions are planned at this time.
1	
1	
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 pages 1-2 of the Attachment A report)
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:
	<ul> <li>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.</li> <li>System did not experience capacity-related bypassing, SSOs or surcharging during the report year.</li> </ul>
	Comments:
	(See Page 1 of the Attachment A report)
	(See Fage For the Attachment A report)

7.	Attach a discussion on the condition of sewage pumping (pump) stations. Include a comparison of the maxim pumping rate with present maximum flows and the projected 2-year maximum flows for each station. (25 Pa. Cod 94.12(a)(7))	
	Check the appropriate boxes:	
	☐ The collection system does not contain pump stations	
	∑ The collection system does contain pump stations (Number − 1)	
	Discussion of condition of each pump station attached (Attachment A)	
8.	If the sewage collection system receives industrial wastes (i.e., non-sanitary wastes), attach a report with information listed below. ( $\underline{25 \text{ Pa. Code } \S 94.12(a)(8)}$ )	the
	a. A copy of any ordinance or regulation governing industrial waste discharges to the sewer system or a copy amendments adopted since the initial submission of the ordinance or regulation under Chapter 94, if it has previously been submitted.	
	b. A discussion of the permittee's or municipality's program for surveillance and monitoring of industrial wadischarges into the sewer system during the past year.	aste
	c. A discussion of specific problems in the sewer system or at the plant, known or suspected to be caused by industivated 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 set system and action taken to eliminate the problem or prevent its recurrence. The report may describe polluting prevention techniques in the summary of steps taken to alleviate current problems caused by industrial was dischargers and in actions taken to eliminate or prevent potential or recurring problems caused by industrial was dischargers.	sion wer ition aste
	Check the appropriate boxes:	
	☐ Industrial waste report as described in 8 a., b. and c. attached (Attachment )	
	☐ 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 presor projected overloaded conditions under §§ 94.21 and/or 94.22 (relating to existing overload and projected overload (25 Pa. Code § 94.12(a)(9))	
10.	Where required by the NPDES permit, attach a Sewage Sludge Management inventory that demonstrates a management inventor	ass
	☐ 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 )		
<ol> <li>For POTWs, attach a calibration report documenting that fi calibrated annually. (<u>25 Pa. Code § 94.13(b)</u>)</li> </ol>	low measuring, indicating and recording equipment has been	
☐ Flow calibration report attached ( <b>Attachment</b> )		
RESPONSIBLE OFFIC	IAL 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).		
Richard Shaw	N	
Name of Responsible Official	Signature	
717-792-3505	3-27-2025	
Telephone No.	Date	
PREPARER CE	RTIFICATION	
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).		
Stephen J. Cordaro, PE	Stoken of Corders, P.E.	
Name of Preparer	Signature	
855-432-9663	3/27/2025	
Telephone No.	Date	



#### DOVER TOWNSHIP – CHAPTER 94 WASTELOAD MANAGEMENT REPORT – 2024

#### **WEST MANCHESTER TOWNSHIP**

#### A. System Monitoring, Maintenance, and Repair

West Manchester Township's sanitary sewer maintenance program includes cleaning, flushing, televising, and repairing leaking joints, laterals, and manholes. A sewer maintenance foreman and two other full-time employees are available for maintenance of the sewer system. The Township's equipment is listed on Exhibit No. WMT-1. The Township also contracted Mr. Rehab, LLC. to complete inspection and other sewer work. During 2024, there was no televised lines or sewer lines lined, but manhole 2 manholes were lined (refer to Exhibit No. WMT-3). The Township did not inspect any sewer lines in 2024, but repaired two (2) lateral (refer to Exhibit No. WMT-4) and two (2) potential sources of lateral clogs were cleared (refer to Exhibit No. WMT-5).

In early 2007 PA DEP cited West Manchester Township (WMT) for several overflows from the Shiloh Interceptor. On June 7, 2007, the PA DEP approved a Corrective Action Plan (CAP) to the 2006 Chapter 94 Report. The CAP was amended on June 22, 2007 to modify the schedule of work for elimination of the hydraulic overload in the area tributary to the flow meter on Route 74 in Manhole 22B (WM3). Replacement of the Shiloh Interceptor was completed early January 2011. A monitoring period continues to be in place. In 2024, during a 3.19" rain event, on April 3rd, there were a few reported overflows (see Exhibit No. WMT-11). These are attributed to high rainfall and in flow from localized flooding.

In 2025, WMT will continue to televise sanitary sewer mains, document repairs necessary, and prioritize repairs. WMT continued to meter flow at the confluence of the conveyance sewers from the Hayward and Gems areas of the Shiloh sewer network. This activity, begun in 2021, was continued so a before and after analysis of inflow and infiltration could be done for sewer rehabilitation in the Hayward area. The same is likely to result from planned rehabilitation resulting from inspection of conveyance sewers from the Hayward and Gems areas to the Shiloh Interceptor.

WMT also continues to try to educate residents by placing articles in the Township newsletter regarding the problems of illicit connections. For more details on activities between 2011 and 2024 and future plans please consult the March 27, 2025, CAP update letter, a copy of which is appended to this report.

#### Collection System Condition

#### 1. Description of System

The Shiloh Sewer System was originally placed into operation in 1973-1974 and has been expanded by developers since that time to a total approximate length of 61.87 miles of sewer.

#### 2. Conveyance Capacity

On June 22, 2007, WMT entered into an Amendment to Consent Order and Agreement (COA) with the PA DEP for elimination of the hydraulic overload condition of the Shiloh Interceptor. The interceptor replacement project was completed on January 5, 2011. During 2013, WMT implemented a multi-year system-wide program of televising all the Township's sanitary lines. This information will be used to prioritize and determine repairs necessary to remove infiltration. The Township is also actively inspecting manholes for evidence of infiltration. To date since 2013, 131,014 linear feet of sewer main has been inspected. For more details related to the COA, related actions, and plans please consult the March 27, 2025, CAP update letter appended to this report.

#### **Pump Station Condition**

#### 3. Noah Meadows Pump Station

The Noah Meadows pump station was accepted by the Township during 1996 and is in good operating condition. Elapsed time meters on the motors are monitored by Township personnel regularly on a weekly basis. This station has a design capacity of 80 GPM. In December 2004, the actual capacity was field verified at 60 GPM. Meter readings for 2024 indicate the following conditions:

00		NOAH MEADOWS	S PUMP STATION	
60 gpm Rated in 2004	Hours of Operation/Day	Gallons Pumped/Day	Actual Pump Capacity (GPD)	Peaking Factor
Minimum	0.75	2,700		
Average	2.75	9,892		
Maximum	8.00	28,800	86,400	2.91

	2024	2025	2026	Design Capacity (GPD)
Avg. Daily Flow (GPD)	9,892	10,881	10,881	
Max. Daily Flow (GPD)	28800	31,680	31,680	115,200
% Loading (of Design)	25%	27.5%	27.5%	
% Loading (of Capacity)	33.3%	36.7%	36.7%	

#### Sanitary Sewer Extensions

- 4. Extensions: No sanitary sewer extensions were built during 2024.
- 5. <u>Proposed Projects</u>: Some of the undeveloped areas within the Township will be served by the existing system and require only tap-ins. The locations of proposed projects are shown on the attached map.

#### B. Waste Flow Data

- 1. The estimated flows for the current year and the projected next five years are shown on the attached exhibit numbers WMT-6, WMT-7A, and WMT-7B.
- 2. Exhibit No. WMT-8 lists all permits issued during 2024.
- 3. A copy of the Shiloh Sewer Reservation list as of December 31, 2024 is attached as Exhibit No. WMT-9.
- 4. Exhibit No. WMT-10 is a tabulation of the wastewater flows from the Shiloh System since January 2007.
- 5. The total number of connection permits issued with final inspections completed during each of the last five (5) years are as follows:

2020	2021	2022	2023	2024
2	0	2	0	0

Though no connection permits were issued this year, one connection was added. The construction at 2260 Baker Rd was completed in 2022.

#### C. Subsurface Disposal System Repairs

1. Seven (7) on-site subsurface disposal system repairs were made during 2024, but none were associated with the Shiloh sewershed.

#### D. Nutrient Trading Program 2006 thru 2023

- 1. There were no on-site subsurface disposal systems eliminated in 2023.
- 2. Based upon 25 lbs. per year of nitrogen, the available credits through December 31, 2023 are computed as follows:

Year	EDUs	Credits Thru 12/31/24
2006	2 EDUs x 18 yrs. x 25 lbs. =	900
2007	2 EDUs x 17 yrs. x 25 lbs. =	850
2008	0 EDUs	0
2009	1 EDU x 15 yrs. x 25 lbs. =	375
2010	0 EDUs	0
2011	0 EDUs	0
2012	0 EDUs	0
2013	0 EDUs	0
2014	1 EDU x 10 yr. x 25 lbs. =	250
2015	0 EDUs	0
2016	0 EDUs	0
2017	0 EDUs	0
2018	0 EDUs	0
2019	0 EDUs	0
2020	0 EDUs	0
2021	0 EDUs	0

2022	0 EDUs	0
2023	0 EDUs	0
2024	0 EDUs	0

### E. <u>Customer Base</u>

As of December 31, 2024, the Shiloh system has:

Residential/Flat Rate Users: 3869 Accounts (4081 EDUs)

Non-Residential Metered Users: 79 Accounts (108 EDUs)

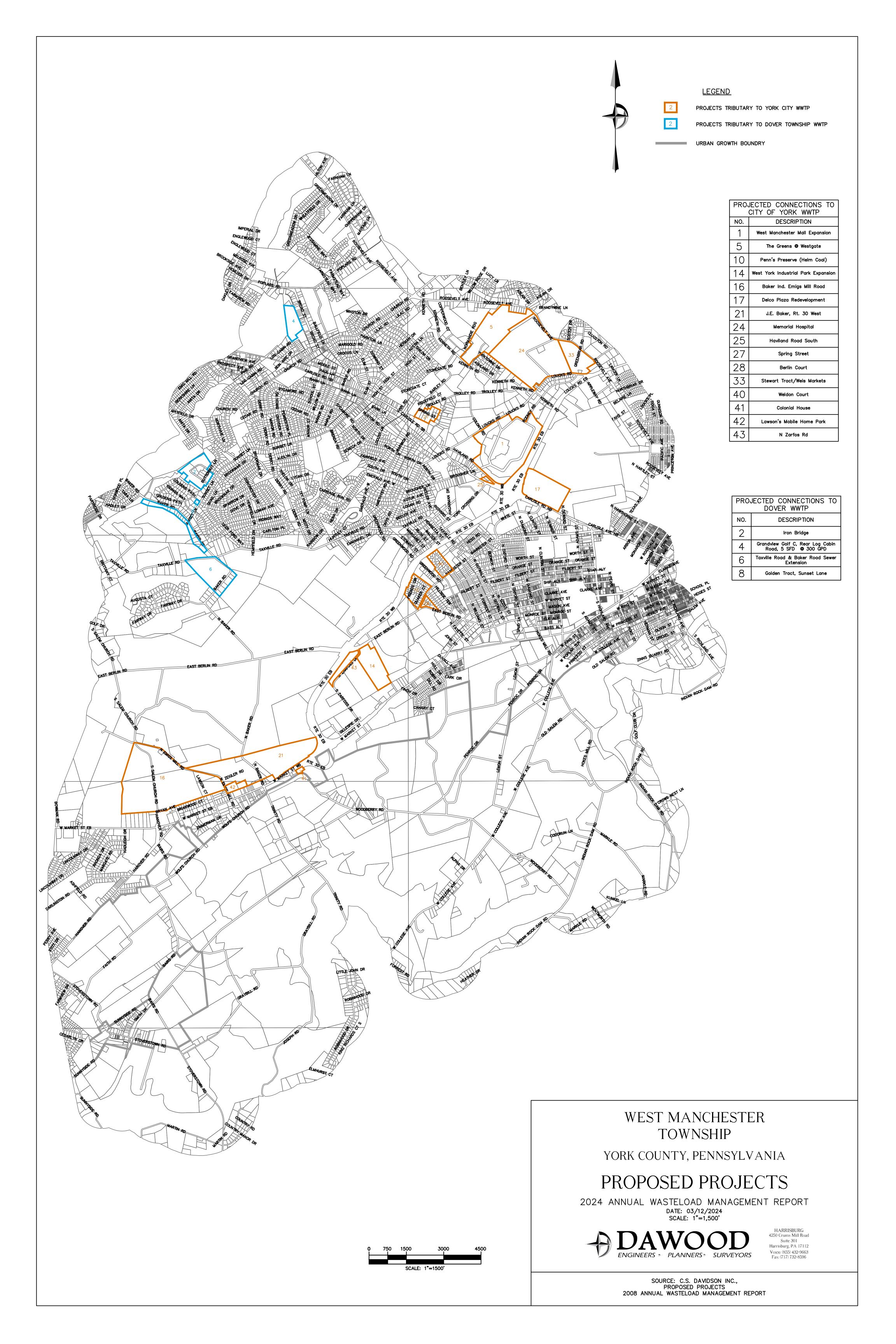
Broken Down By Meter As Follows:

WM1 217 EDUs

WM2 701 EDUs

WM3 3104 EDUs

Unmetered 165 EDUs



#### **SUBJECT: West Manchester Sanitary Sewer System**

Available Personnel and Equipment

To Whom it may concern:

West Manchester Township currently employs three (3) full-time employees for sanitary sewer maintenance. The foreman and sewer operators are available for emergency call in for all matters related to maintaining the pump stations and sewer lines throughout the Township. They also perform preventative maintenance and minor repairs as required.

Major repairs and/or replacement projects are bid and awarded to various contractors when required.

The Township currently has the following equipment available for sanitary sewer maintenance:

1 Ton Pickup with utility body and lift gate

Van with sewer televising equipment generators and associated equipment for mobile televising

Electric sewer rodders

Chassis mounted Sewer Vactor unit for mobile flushing and vacuuming of Sanitary sewer lines and manholes

2024 VACTOR/US JETTING EASEMENT MACHINE

10 Ton Dump Truck

Backhoe

JCB Mini-Excavator

Equipment mounted compaction equipment

Various sized 8, 12 16- and 18-inch air type plugs for sewer lines

Electric powered air blower for manhole use

Gas monitoring equipment for use in confined space

Gas powered effluent pumps

Variety of hand tools for Pump Station and sanitary sewer line repair and maintenance

Lateral camera

French Creek Tri-Pod Retrieval System

## West Manchester Township On-Site Septic System Repair - 2024

MUNICIPAL	ISSUE	APPLICANT'S PROPERTY		STATUS OF	
PERMIT NO.	DATE	NAME	ADDRESS	REPAIRS	
671835-24-111	8-01-24	Dennis Showman	1015 Stoverstown Road	Open	
671835-24-063	5-14-24	Giambalvo Family LP	4595 W. Market Street	Open	
671835-24-142	10-07-24	Awakened Properties LLC	4655 Darlington Road	Completed	
671835-24-029	3-12-24	Evan Betts	4020 West Market Street	Completed	
671835-23-107	11-09-23	Alpha LLC	4645 Darlington Road	Completed	
671835-24-167	12-03-24	Johnson Plumbing and Repair	330 Hanover Road	Completed	
671835-24-084	6-13-24	James Krall	1570 Woodberry Rd	Completed	
671835-24-023	3-04-24	Barbara Mcdaniel	4595 W. Market Street	Completed	
				1	
				1	

#### **REPAIRS**

1015 Stoverstown Road

4655 Darlington Road

4020 West Market Street

4645 Darlington Road

330 Hanover Road 1570 Woodberry Rd 4595 W. Market Street

**NEW SYSTEM** 

#### NEW SYSTEM REPLACEMENT

**MODIFICATION** 4595 W. Market Street

### 2024 Chapter 94 Report Shiloh Sewer System Daily Flushing and TV Report

Date	Manhole	Location	Defects/ Debris	Cleaning	TV	Pipe
	211	South Drive & Hayward	Lined			
			Lined			
	238	2443 Warwick Road	Curtain Grouted			
			Watertight cover			
_			Main Lines	0	0	

Laterals

Total

0

0

### Shiloh Lateral Repairs - 2024

- 1. 2432 Manor Road
- 2. 1985 Spring Street

### Shiloh Lateral Clogs - 2024

- 1. 2350 Seneca Drive Disposable hand wipes
- 2. 2280 Linden Road Heavy Roots

For every location listed here, no sewage backup into the house had been reported. Roots were discovered during inspection and thee cleared away before cured-in-place pipe lining.

#### **WEST MANCHESTER TOWNSHIP**

#### EXHIBIT NO. WMT-6 December 31, 2024

Projected Connections to Dover Wastewater Treatment Plant

		Capacity Balance						Future	Conn
No.	Name	Gallons/Day	2025	2026	2027	2028	2029	Years	MH
2	Valubilt Inc. JG 29 H,J								
	45 MFD - Iron Bridge	2,400	300	600	600	600	300	0	552
4	Grandview Golf C, Rear Log Cabin Road								
	5 SFD @ 300 gpd	1,500	0	0	0	0	0	1,500	46
6	Taxville & Baker Sewer Extension								
	30 EDUs @ 300 gpd	9,000	0	0	0	0	0	9,000	804
7	Dome Golf, Greens at Honey Run								
	2 EDUs @ 300 gpd	300	300	0	0	0	0	0	700
	TOTAL:	13,200	600	600	600	600	300	10,500	
	TOTAL Based								
	on Peaking Factor (1.48):		887	887	887	887	443	15,514	
	SUMMARY OF EDU PROJECTIONS:		3	3	3	3	1	52	

#### **WEST MANCHESTER TOWNSHIP**

#### EXHIBIT NO. WMT-6 December 31, 2024

Projected Connections to Dover Wastewater Treatment Plant

2

AVERAGE DAILY FLOWS						
Subtotal Connecting MH 22B	1,200	1,200	1,200	1,200	1,200	0
Subtotal Connecting MH 46	0	0	0	0	0	1,500
Subtotal Connecting MH 552	600	600	600	600	300	900
Subtotal Connecting MH 700	300	0	0	0	0	0
PEAK DAILY FLOWS						
Subtotal Connecting MH 22B	1,773	1,773	1,773	1,773	1,773	0
Subtotal Connecting MH 46	0	0	0	0	0	2,216
Subtotal Connecting MH 552	887	887	887	887	443	1,330
Subtotal Connecting MH 700	443	0	0	0	0	0

2024 Exhibits for Dover.xlsm

#### TABULATION OF AVAILABLE SEWER RESERVE CAPACITY (BASED UPON AVERAGE DAILY FLOWS)

COLLECTION AND TRANSPORTATION SYSTEM WASTEWATER TREATMENT FACILITY From: West Manchester Township To: Dover Township **Future** SOURCES FOR PROJECTION 2024 2025 2026 2027 2028 2029 Years **Existing Flow From** Current Users (1) 1,241,917 1,241,917 1,242,517 1,243,717 1,244,617 1,243,117 1,244,317 Projected Flows From Current Users (2) 0 Projected Flow Increase From New Customers (3) 600 600 600 600 300 10,500 **Total Estimated Wastewater Flows** 1,241,917 1,242,517 1,243,117 1,243,717 1,244,317 1,244,617 1,255,117 Percent Usage 52.94% 52.96% 52.99% 53.01% 53.04% 53.05% 53.50% IMA Treatment Capacity at Treatment Plant (4) 2,346,000 2,346,000 2,346,000 2,346,000 2,346,000 2,346,000 2,346,000 **Total Amount of Available Capacity** 1,104,083 1,103,483 1,102,883 1,102,283 1,101,683 1,101,383 1,090,883

#### NOTES AND ASSUMPTIONS:

- (1) Based upon average of monthly daily flows for 2023 (Exhibit No. WMT-10)
- (2) No connection permits were issued in 2022.
- (3) See attached list of projected connections (Exhibit No. WMT-6)
- (4) The total available treatment capacity at the Dover sewage treatment plant based on the current intermunicipal agreement (IMA)

The flows are based on meter WM01, but there is some flow from upstream of the system that is monitored by meter YC01

#### TABULATION OF AVAILABLE SEWER RESERVE CAPACITY (BASED UPON HIGHEST 3 CONSECUTIVE AVERAGE DAILY FLOWS)

**COLLECTION AND TRANSPORTATION SYSTEM** WASTEWATER TREATMENT FACILITY From: West Manchester Township To: Dover Township **Future** SOURCES FOR PROJECTION 2024 2025 2026 2027 2028 2029 Years **Existing Flow From** Current Users (1) 1,694,000 1,694,000 1,694,887 1,695,773 1,696,660 1,697,989 1,697,546 Projected Flows From Current Users (2) 0 Projected Flow Increase From New Customers (3) 887 887 887 887 443 15,514 1,694,000 **Total Estimated Wastewater Flows** 1,694,887 1,695,773 1,696,660 1,697,546 1,697,989 1,713,504 Percent Usage 72.21% 72.25% 72.28% 72.32% 72.36% 72.38% 73.04% IMA Treatment Capacity at Treatment Plant (4) 2,346,000 2,346,000 2,346,000 2,346,000 2,346,000 2,346,000 2,346,000 Total Amount of

#### NOTES AND ASSUMPTIONS:

**Available Capacity** 

- (1) Based upon average of the three highest consecutive month flows for 2023 (see Exhibit No. WMT-10)
- (2) No connection permits were issued in 2022, times 1.48 peaking factor.
- (3) See attached list of projected connections (Exhibit No. WMT-6) times 1.48 peaking factor.

652,000

(4) The total available treatment capacity at the Dover sewage treatment plant based on the current intermunicipal agreement (IMA)

The flows are based on meter WM01, but there is some flow from upstream of the system that is monitored by meter YC01

651,113

650,227

649,340

648,454

648,011

632,496

	sylvania IT OF ENVIRONM						P Chapte Sewage 1			Reporting Year:	2024
Facility Name:	West Manche	ster Township	(Exhibit WMT-	7B)		Permit No.:		]		Persons/EDU:	3
Existing Hydraulic [	Design Capac	eity:	2.346 M	IGD		Existing Organic De	sign Capacit	y:		lbs BOD5/day	
Upgrade Planned in			NO	Year:		Upgrade Planned in	Next 5 Years	s?		Year:	
Future Hydraulic De	esign Capacit	y:	M	IGD		Future Organic Desi	gn Capacity:	:		lbs BOD5/day	
	Mon	thir Arranana	Flows for Dog	at Eise Veere (1	ACD)		Monthly	Avorago	PODE Loado f	or Past Five Years	(lbc/day)
Month	2020	2021	2022	st Five Years (N 2023	2024	Month	2020	2021			2024
January	2.252	1.682	1.455	1.34	2.627	January	2020	2021	2022	2023	2024
February	1.903	2.261	1.775	0.905	2.12	February					
March	2.001	2.281	1.81	1.628	2.349	March					
April	2.021	1.665	2.009	1.824	2.382	April					
May	2.168	1.304	2.093	1.63	1.199	May					
June	1.519	1.172	1.117	0.915	0.888	June					
July	1.273	1.273	0.694	0.995	0.862	July					
August	2.388	2.033	0.639	0.881	1.243	August					
September	1.047	3.293	0.625	0.951	0.913	September					
October	1.058	1.185	1.008	0.976	0.84	October					
November	1.29	1.228	1.05	1.023	0.83	November					
December	2.119	0.991	1.76	1.835	1.835	December					
Annual Avg	1.753	1.697	1.336	1.242	1.507	Annual Avg					
Max 3-Mo Avg	2.063	2.2	1.971	1.694	2.365	Max Mo Avg					
Max : Avg Ratio	1.18	1.30	1.48	1.36	1.57	Max : Avg Ratio					
Existing EDUs						Existing EDUs					
Flow/EDU (GPD)						Load/Capita					
Flow/Capita (GPD) Exist. Overload?	NO	NO	NO	NO	NO	Load/Capita Exist. Overload?					
Exist. Overload?	NO	NO	NO	NO	NO	Exist. Overload?					
	·-			ve Years (MGE	<del></del> '					ext Five Years (Ib	
Na EDUa	2025	2026	2027	2028	2029	N	2025	2026			<b>2029</b> 9
New EDUs New EDU Flow	9.0 0.00315	9.0 0.00315	9.0 0.00315	9.0 0.00315	9.0 0.00315	New EDUs New EDU Load	9 5.256	9 5.256	9 5.256	9 5.256	5.256
Proj. Annual Avg	1.51	1.51315	1.5163	1.51945	1.5226	Proj. Annual Avg	#DIV/0!	#DIV/			#DIV/0!
Proj. Max 3-Mo Avg	2.078	2.083	2.087	2.091	2.096	Proj. Max Avg	#DIV/0!	#517/	): #DIV/	D: #B1V/0:	#51770:
Proj. Overload?	NO	NO	NO	NO	NO	Proj. Overload?	#DIV/0!				
•						•					
Show Precipita	ation Data on	Hydraulic Gra	aph?								
•		•									
	Total M	Monthly Precip	oitation for Pa	st Five Years (	Inches)						
Month	2020	2021	2022	2023	2024						
January											
February											
March											
April											
May											
June 											
July											
August											
September											
October November											
December											
December		<u> </u>		1							

West Manchester Township Shiloh Connection Permits Issued January 1, 2024 – December 31, 2024

MUNICIPAL PERMIT NO.	APPLICANT'S NAME	PROPERTY LOCATION (STREET ADDRESS & SUBDIVISION)	NO. OF EDU'S RESERVED	ASSIGNED FLOW (GPD)
New York Control				

<sup>\*</sup>There were no Shiloh sewer connection permits issued for 2024.

West Manchester Township Shiloh Sanitary Sewer Reservations as of December 31, 2024

Name of Developer or Landowner	Location of Property	No. of EDU's Reserved	Assigned Flow (GPD)
S & A Custom Built Homes	Parkview Estates	3	900
Robert Kinsley	Golden Tract West	16	4,800
John & Brenda Campbell	Sunset Lane	1	300
Costas Skouras	Lot 37, Shiloh Farms (Open Space)	1	300
Mark Ness	Noah Meadows	2	600
Robert & Kathy Estep	2520 Taxville Road - DeStephano	1	300
Richard Nath	2260 Baker Road – Fieldstone Ridge	1	300

#### **WEST MANCHESTER TOWNSHIP**

## Wastewater Flows from Shiloh Sanitary Sewer System

## Average Daily Flows (mgd) / Percent of Plant Flows<sup>(1)</sup>

	2	007	20	800	20	09	20	10	20	11	20	12
Month												
January	1.700	42%	1.302	46%	1.139	30%	1.705	44%	0.623	30%	1.933	30%
February	1.141	49%	2.912	41%	0.906	30%	1.852	39%	1.000	36%	1.205	36%
March	2.944	39%	2.475	26%	0.825	29%	2.746	34%	2.222	46%	1.989	46%
April	2.009	40%	1.506	30%	1.651	34%	1.372	39%	2.493	37%	1.299	37%
May	1.154	38%	2.363	36%	2.102	37%	1.109	37%	1.949	27%	1.051	27%
June	0.853			42%	1.965	43%	0.965	31%	0.969	34%	1.260	34%
July	0.758	41%	0.904	39%	0.931	45%	1.377	48%	0.874	41%	1.082	41%
August	0.777	35%	0.686	31%	1.055	47%	1.145	43%	1.148	41%	1.364	41%
September	0.653	34%	1.057	34%	1.223	40%	0.846	39%	3.758	32%	1.528	32%
October	0.704	35%	0.761	29%	1.756	34%	1.190	32%	1.883	31%	1.951	31%
November	0.851	37%	0.883	35%	1.395	37%	0.929	45%	1.639	38%	1.630	38%
December	3.993	72%	2.319	33%	2.404	34%	1.267	40%	2.141	37%	1.618	37%
Annual Average	1.461	42%	1.519	35%	1.446	37%	1.375	39%	1.725	36%	1.493	36%
Highest 3 Consecutive Months Average <sup>(5)</sup>	N/A	N/A	N/A	N/A	1.852	35%	2.101	39%	2.221	37%	1.703	34%
Total Rainfall (Inches) <sup>(3)</sup>	35	5.23	46	.15	47.	07	47.	.81	66	.26	46	.05
Highest 3 Consecutive Months Average <sup>(6)</sup>	00.404	2004		000/	4.000	000/	0.404	000/	0.407	0.40/	4.700	0.50/
INIOITIIS Average	204%	39%	2.298	32%	1.906	38%	2.101	39%	2.427	34%	1.733	35%

SOURCE:

Flow meter records published by Dover Township.

#### NOTES:

- (1) Max Flow 2.3456 MGD IMA.
- (3) Monthly rainfall data from Dover WWTP (10" snowfall = 1" rainfall) or NOAA.
- (5) Period based upon total flows to Dover WWTP used in Exb. No. WMT-7.
- (6) Period based upon total flows to Dover Township WWTP.



#### **WEST MANCHESTER TOWNSHIP**

## Wastewater Flows from Shiloh Sanitary Sewer System

## Average Daily Flows (mgd) / Percent of Plant Flows<sup>(1)</sup>

	20	13	20	14	201	15	20	16	20	17	20	18
Month												
January	1.858	34%	2.517	43%	1.548	37%	1.359	30%	1.599	39%	1.590	40%
February	1.811	35%	3.050	39%	1.296	35%	4.196	37%	1.209	33%	3.898	44%
March	2.139	35%	2.457	35%	2.846	39%	1.603	40%	2.331	36%	2.613	45%
April	1.228	37%	2.691	38%	1.297	37%	1.450	46%	2.245	36%	2.733	42%
May	1.227	35%	2.470	36%	1.108	41%	1.648	37%	2.439	53%	2.824	44%
June	1.244	36%	1.758	40%	2.246	35%	1.129	41%	1.443	49%	2.559	37%
July	1.185	35%	1.028	38%	1.575	38%	0.900	41%	1.797	47%	2.302	39%
August	1.418	32%	1.002	38%	1.477	36%	0.946	41%	1.637	44%	2.247	38%
September	0.871	32%	0.865	38%	1.495	35%	0.880	41%	1.587	38%	2.479	32%
October	2.245	39%	0.963	37%	1.912	39%	0.901	37%	1.342	41%	1.251	39%
November	1.109	35%	1.041	37%	1.297	41%	0.742	38%	1.779	45%	4.092	43%
December	2.800	39%	1.703	38%	1.904	42%	1.110	35%	1.240	43%	2.952	38%
Annual Average	1.595	36%	1.795	38%	1.667	40%	1.405	38%	1.721	42%	2.628	40%
Highest 3 Consecutive Months Average <sup>(5)</sup>	1.936	35%	2.733	37%	1.897	37%	2.416	41%	2.338	42%	3.081	44%
Total Rainfall (Inches) (3)	45	.81	39.	80	44.4	48	36.	65	38.	62	61	.26
Highest 3 Consecutive Months Average <sup>(6)</sup>	2.051	38%	2.733	37%	1.897	37%	2.416	41%	2.338	42%	3.081	44%

SOURCE:

Flow meter records published by Dover Township.

### NOTES:

- (1) Max Flow 2.3456 MGD IMA.
- (3) Monthly rainfall data from Dover WWTP (10" snowfall = 1" rainfall) or NOAA.
- (5) Period based upon total flows to Dover WWTP used in Exb. No. WMT-7.
- (6) Period based upon total flows to Dover Township WWTP.



#### **WEST MANCHESTER TOWNSHIP**

## Wastewater Flows from Shiloh Sanitary Sewer System

## Average Daily Flows (mgd) / Percent of Plant Flows<sup>(1)</sup>

	201	19	20:	20	20:	21	20	22	20	23	20	24
Month												
January	2.950	37%	2.252	47%	1.682	37%	1.455	37%	1.340	57%	2.627	57%
February	2.719	35%	1.903	44%	2.261	40%	1.775	37%	0.905	57%	2.120	57%
March	3.316	39%	2.001	49%	2.281	39%	1.810	46%	1.628	59%	2.349	59%
April	1.752	37%	2.021	51%	1.665	40%	2.009	44%	1.824	32%	2.382	32%
May	2.788	41%	2.168	51%	1.304	41%	2.093	41%	1.630	31%	1.199	31%
June	1.106	35%	1.519	51%	1.172	40%	1.117	44%	0.915	28%	0.888	28%
July	1.333	38%	1.273	51%	1.273	49%	0.694	32%	0.995	30%	0.862	30%
August	0.908	36%	2.388	56%	2.033	45%	0.639	29%	0.881	31%	1.243	31%
September	0.775	35%	1.047	39%	3.293	36%	0.625	28%	0.951	33%	0.913	33%
October	0.995	39%	1.058	42%	1.185	36%	1.008	37%	0.976	31%	0.840	31%
November	1.347	41%	1.290	41%	1.228	35%	1.050	39%	1.023	31%	0.830	31%
December	2.023	42%	2.119	37%	0.991	38%	1.376	41%	1.835	39%	1.167	39%
Annual Average	1.834	38%	1.753	47%	1.697	40%	1.304	38%	1.242	38%	1.452	38%
Highest 3 Consecutive Months Average <sup>(5)</sup>	2.995	37%	2.052	47%	2.171	39%	1.970	44%	1.694	40%	2.365	58%
Total Rainfall (Inches) (3)	44.4	48	34.	80	37.	.90	36.	.06	32	.23	32.	23
Highest 3 Consecutive Months Average <sup>(6)</sup>		0=04				4.404		4.407				
INIONINS Average	2.995	37%	2.063	51%	2.200	44%	1.970	44%	1.694	40%	2.365	58%

SOURCE:

Flow meter records published by Dover Township.

### NOTES:

- (1) Max Flow 2.3456 MGD IMA.
- (3) Monthly rainfall data from Dover WWTP (10" snowfall = 1" rainfall) or NOAA.
- (5) Period based upon total flows to Dover WWTP used in Exb. No. WMT-7.
- (6) Period based upon total flows to Dover Township WWTP.



# One reported incident to DEP

It rained three days in a row. April 1, April 2, and April 3 for a total of 3.19 inches, which resulted in manhole's overflowing. (see attached DEP report).

## For the MONTH:

**York County** 

WEST MANCHESTER TOWNSHIP

Incident Date	Incident Time	Duration (hours)	Incident Location	Discharge Location	Name of person responding to incident	Name of person reporting incident	Who at DEP was the incident reported to		
4/3/24	07:00	12	SHILOH AREA	MH 442	MARK SEASE	MATT MILLER	SHAWN LESITERY		
Cause of S	Sanitary Se	wer Overflov	v or Backup into building	Measures taken to correct the backup	4	Cleanup measures enacted			
	inches o				wed for correction	PLANEL DERRIS IN	RAKED THE CHERFLOW AREA FOR DEBRIS FLARED DEBRIS IN A FLASTIC BACK, AND SPREAD LIME ON THE AREA		
Incident Date	Incident Time	Duration (hours)	Incident Location	Discharge Location	Name of person responding to incident	Name of person reporting incident	Who at DEP was the incident reported to		
4/2/34	0:700	12	SHILOH AREA	MH 418A	MARK SEASE	MATT M. LLER	SHAWN LESITSKY		
Cause of 8	Sanitary Se	wer Overflo	w or Backup into building	Measures taken to correct the backup		Cleanup measures enacted			
3,/	4 INCHES	of Fami				RAKED THE AREA FOR DEBRIS, PLACED DEBRIS INAPLASTIC BAG, AND STREAD FINE ON THE AREA			
Incident Date	Incident Time	Duration (hours)	Incident Location	Discharge Location	Name of person responding to incident	Name of person reporting incident	Who at DEP was the incident reported to		
4/3/24	01700	12	SHILAH AREA	MH 4/88	MARK SEASE	PARTY MILLERY	SHAWN LESITSKY		
Cause of Sanitary Sewer Overflow or Backup Into building			Measures taken to correct the backup		Cleanup measures enacted				
		S OF RAIL	,				FOR USBNIS, PLACED FIR BAG, ANDE SPIERE A		

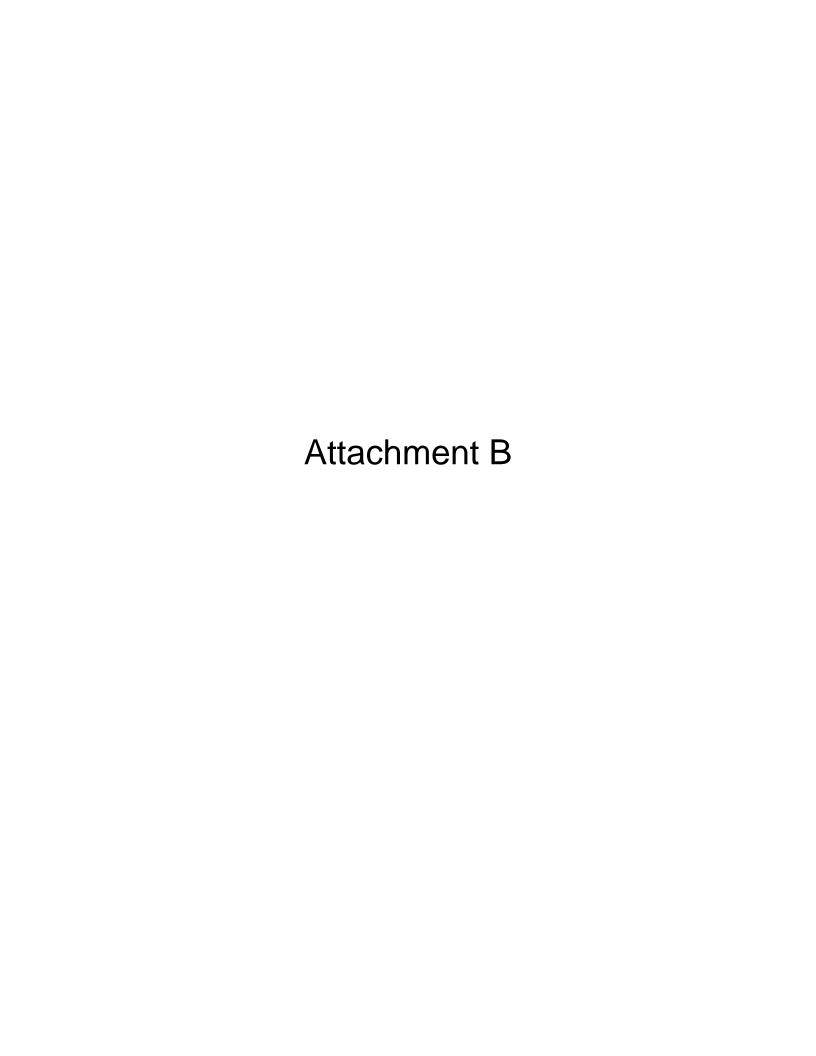
This form must be received at the Department's SCRO no later than the 28th day of the month following the reporting period. Duplicate this form as necessary according to the number of incidents occurring each month.

## For the MONTH:

York County	WEST MANCHESTER TOWNSHIP
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						N				
Incident Date	Incident Time	Duration (hours)	Incident Location	Discharge L	ocation.	Name of person responding to incident	Name of person reporting incident	Who at DEP was the incident reported to		
4/3/24	07/00	12	SHILDH ALGA	MH 4	19	MARK SEASE	MATT MILLER	SHAWN LESITSKY		
Cause of S	Sanitary Sev	ver Overflow	or Backup into building	Measures to correct the l	·		Cleanup measures enacted			
à	3.19 1116	HES OF	RAINS	COA	eing follow	ed for correction	RALLO THE AREA FOR DEBRIS, PLACED DEBRIS IN A PLASTIC BARG, AND SPREAD LIME ON THE AREA			
			,,	l						
Incident Date	Incident Time	Duration (hours)	Incident Location	Discharge L	_ocation	Name of person responding to incident	Name of person reporting incident	Who at DEP was the incident reported to		
4/3/24	07.00	12	SHILDH AREA	MH 38	188	MARK SEASE	MATT MILLER	SHAWM LESITERY		
/		wer Overflow	or Backup into building	Measures to	aken to		Cleanup measures enacted	1 .		
		s of Ea			o <u>®</u> o		RAKED THE AREA FOR DEBRIS, PLACED DEBRIS IN A PLASTIC BAGNAND SPREAD SIME ON THE REEA			
							<del></del>			
Incident Date	Incident Time	Duration (hours)	Incident Location	Discharge L	_ocation	Name of person responding to incident	Name of person reporting incident	Who at DEP was the incident reported to		
							}			
Cause of Sanitary Sewer Overflow or Backup into building				Measures to		<u> </u>	Cleanup measures enacted			
			1							

This form must be received at the Department's SCRO no later than the 28th day of the month following the reporting period. Duplicate this form as necessary according to the number of incidents occurring each month.



#### DOVER TOWNSHIP PUMPING STATIONS

Dover Township has one sewage pumping station located on George Street near the intersection with Carlisle Road. The George Street Pump Station was constructed and placed into service in 2024. The pump station is a duplex Gorman Rupp suction lift pump station with motor driven pumps for emergency operation.

The George Street Pump Station service area includes the residential and commercial properties in the Carlisle Road corridor between Harmony Grove Road and George Street. The pump station is designed convey a future average daily flow of 50,180 gpd from a total of 193 EDUs.

In 2024 the pump station served one EDU. Additional EDUs are expected in 2025 and 2026 as the remaining Carlisle Road corridor EDUs are connected to the collection system. The initial planning has identified a total of 34 EDUs for the corridor.

#### PUMP STATION SUMMARY INFORMATION TABLE

Pump Station	Design Point		Design Flows		2024 Flov	v Data	5-Year Projections	
	Flow (gpm)	TDH (ft)	Average Daily Flow (gpd)	Peak Flow (gpd)	Average Daily Flow (gpd)	Peak Flow (gpd)	Average Daily Flow (gpd)	Peak Flow (gpd)
George Street Pump Station	260	84	50,180	374,000	246	980	8,500	34,000

#### **2024 Operations and Maintenance**

The pump station is visited weekly for maintenance of the pumps and exercising the engine drive for the pumps. The pump station wet well is regularly cleaned, and inspected.