

DOCKET NO. C-2021-3026163

DOCKET NO. P-2021-3026165

DOCKET NO. C-2021-3026178

DOCKET NO. P-2021-3026180

Hearing Date: June 7, 2021

Pennsylvania-American Water Company

- 1 Account Summary
- 2 Tariff Information
- 3 BKF Permit Issued
- 5 BKF Data Collection
- 6 Report on Samples Taken
- 7 Wastewater Bills
- 8 IPP Surcharge Information
- 9 Reminder/Pretermination Notices
- 10 Termination Letters
- 13 Exeter NPDES Permits

# PAWC EXHIBIT 1

From	To	IPP Surcharges	Sewer Charges				
10/24/2019	2/4/2020		\$80,794.23	Mislabeled as IPP on bill			
2/5/2020	3/4/2020		\$30,484.76				
3/5/2020	4/3/2020		\$37,381.76				
4/3/2020	5/4/2020		\$22,223.76				
5/5/2020	6/10/2020		\$28,845.76				
6/11/2020	7/8/2020		\$32,266.76				
7/9/2020	8/12/2020		\$27,921.76				
8/13/2020	9/9/2020		\$40,714.76				
9/10/2020	10/7/2020		\$32,794.76				
10/8/2020	11/11/2020		\$32,354.76				
11/12/2020	12/9/2020		\$22,465.76				
12/10/2020	1/13/2021		\$28,361.76				
IPP Charges - 3rd Quarter 2020		\$134,786.31					
IPP Credit		-\$31,862.65					
1/14/2021	2/10/2021		\$22,102.76				
IPP Charges - 4th Quarter 2020		\$21,090.24					
2/11/2021	3/10/2021		\$20,177.76				
3/11/2021	4/14/2021		\$18,340.76				
Late Charge					\$619.02		
IPP Charge - 1st Quarter 2021		\$10,867.28					
4/15/2021	5/12/2021		\$16,767.76				
Late Charge					\$903.42		
TOTALS		\$134,881.18	\$493,999.63	0.00	\$1,522.44	\$630,403.25	
Payments						-\$109,000.00	
Balance Due						\$521,403.25	
Payments							
\$5,000.00	4/30/2021						
\$5,000.00	4/30/2021						
\$5,000.00	4/30/2021						
\$5,000.00	3/17/2021						
\$2,000.00	3/17/2021						
\$5,000.00	3/11/2021						
\$5,000.00	2/23/2021						
\$5,000.00	2/17/2021						
\$5,000.00	1/29/2021						
\$5,000.00	1/11/2021						
\$5,000.00	12/29/2020						
\$5,000.00	12/29/2020						
\$5,000.00	12/18/2020						
\$5,000.00	11/24/2020						
\$5,000.00	11/18/2020						
\$5,000.00	11/3/2020						
\$5,000.00	11/3/2020						
\$5,000.00	11/2/2020						
\$2,000.00	11/2/2020						
\$5,000.00	10/9/2020						
\$5,000.00	9/8/2020						
\$5,000.00	9/3/2020						
\$5,000.00	8/31/2020						
\$109,000.00							

**RULES AND REGULATIONS**

**Section W – Industrial Pretreatment Program (Exeter-Area) Compliance**

**(C)**

This Section applies to Industrial and Commercial customers served under Rate Zone 9 of this tariff. All such customers shall comply with the “Industrial Pretreatment Program (Exeter)” (“IPP-E”) as required by and submitted to the Pennsylvania Department of Environmental Protection and as may be amended from time to time. The currently effective IPP-E will be made available on the Company's website.

Such customers shall be responsible for the charges and fees scheduled below related to the implementation, administration, and enforcement of the IPP-E, and for the additional costs for treatment of wastewaters from such customers who have loadings and characteristics that are in excess of Domestic Sewage as defined by the IPP-M. Pursuant to the IPP-E, IPP-E fees are set by this tariff. IPP-M fees are separate from and in addition to all other rates chargeable by the Company under this tariff.

The fees as set forth in Schedule IPP-E-1 below will be in effect for customers subject to the IPP-E Terms as defined by IPP-E.

**SCHEDULE IPP-E-1**

**1.1 General Fees**

- 1.1.9. IWDP Application Fee: \$1,000.00
- 1.1.10. IWDP Transfer/Modification/Renewal Fee: \$250.00
- 1.1.11. Facility Inspection Fee: \$250.00 per inspection
- 1.1.12. Monitoring Report Review Fee: \$250.00 per monitoring report
- 1.1.13. Sampling and Analysis Fee: Actual cost of sampling and laboratory analysis plus 25% to cover administrative costs.
- 1.1.14. Accidental Discharge, Slug Control, and/or Monitoring Fee: Actual cost of response to accidental discharges or discharges of slugs loads, including but not limited to the costs incurred for any additional treatment or other actions required to manage such discharges, monitoring and response to such discharges, correction of any resulting contamination or other impacts to the Treatment Works, including the Collection System and Treatment Plant.



(C) means Change

**PENNSYLVANIA-AMERICAN WATER COMPANY**

**RULES AND REGULATIONS**

**Section V – Industrial Pretreatment Program (Exeter-Area) Compliance (cont'd)**

**(C)**

- 1.1.15. Compliance and Enforcement Fee - Administrative and Legal: Actual cost incurred by the Company for investigation and actions to address a User's non-compliance with the terms of this IPP or any IWDP.
- 1.1.16. Damage Repair: Actual cost for cleaning, repair, replacement and/or correction of any damage to the Treatment Works, including the Collection System and the Treatment Plant, caused or contributed to by a User's discharge.

**1.3 Specific Fees**

- 1.2.1 Industrial Loading Fee - applicable on a quarterly basis to discharges with loadings above typical Domestic Sewage loadings up to but not exceeding any applicable Local Limit or IWDP limit, based on sampling and analysis by the Company and sampling required to be reported by the User under an IWDP:

Quarterly Fee (\$) =  $Q \times \{((\text{BOD5 Actual} - \text{BOD5 Domestic}) \times \text{BOD5 Cost Factor}) + ((\text{TSS Actual} - \text{TSS Domestic}) \times \text{TSS Cost Factor})\}$

Where:

BOD5 Actual = actual concentration of BOD5 in mg/l as measured by the Company or the Industrial User

BOD5 Cost Factor = Treatment cost for BOD5 for the system = 0.0095

BOD5 Domestic = 250 mg/l, the typical concentration in Domestic Sewage

Q = Total flow for the quarter measured in thousand gallons

TSS Actual = actual concentration of TSS in mg/l as measured by the Company or the Industrial User

TSS Cost Factor = treatment cost for TSS for the system = 0.00648

TSS Domestic = 250 mg/l, the typical concentration in Domestic Sewage

**(C)** means Change

**PENNSYLVANIA-AMERICAN WATER COMPANY**

**RULES AND REGULATIONS**

**Section V – Industrial Pretreatment Program (Exeter-Area) Compliance (cont'd)**

**(C)**

- 1.2.2. Excess Loading Fee - applicable to discharges with loadings that exceed a Local Limit or IWDP limit:

If in any monthly period, the loading of BOD5, or TSS exceeds a Local Limit or IWDP limit, then for the applicable parameter, in calculating the Industrial Loading Fee under §1.2.1, the BOD5 Cost Factor and TSS Cost Factor, applicable to the total loading of that parameter will be 125% of the value set forth in §1.2.1 to compensate for the additional administrative, oversight and management costs associated with managing such excessive loadings.

- 1.2.3. Special Discharge Fee - applicable to discharges with loadings or concentrations that exceed a Local Limit or IWDP limit and that impact sludge handling or disposal methods and costs, necessitate acquisition of nutrient credits, result in damages to the facility, or require extraordinary measures:

Fee = Actual cost incurred by the Company, including but not limited to: (1) additional costs of managing impacted sludge (including costs related to use of alternative disposal facilities, additional monitoring, etc.), (2) costs of acquiring nutrient credits to meet NPDES Permit cap limits; (3) costs of repairs to and restoration of the Treatment Works, including the Collection System and Treatment Plant; or (4) costs of implementing any other measures required to control, manage and address such excessive loadings or concentrations.

**(C)** means Change

**PENNSYLVANIA-AMERICAN WATER COMPANY**

---

**RULES AND REGULATIONS**

**Section X – TAXES ON DEPOSITS FOR CONSTRUCTION, CUSTOMER ADVANCES  
AND CONTRIBUTIONS IN AID OF CONSTRUCTION**

The Company will pay income taxes on any deposit, advance, contribution or other like amounts received from an applicant which shall constitute taxable income to the Company as defined by the Internal Revenue Service. Such income taxes shall be segregated in a deferred account for inclusion in rate base in a future rate case proceeding. Such income tax associated with a deposit, advance or contribution will not be charged to the specific depositor / contributor of the capital.

INDUSTRIAL WASTEWATER DISCHARGE PERMIT NUMBER: EXE008S

**Birdsboro Kosher Farms Corp.  
1100 Lincoln Road  
Birdsboro, PA 19508**

is hereby authorized to discharge industrial wastewater from the above identified facility and through the outfalls identified herein into the Pennsylvania-American Water Company's Exeter Wastewater System (the **System**) in accordance with the conditions set forth in this permit. Compliance with this permit does not relieve the Permittee of its obligation to comply with any or all applicable pretreatment regulations, standards, or requirements under local, State or Federal laws, including such regulations, standards, requirements, or laws that may become effective during the term of this permit.

Noncompliance with any term or condition of this permit shall constitute a violation of the Pennsylvania American Water Company's Industrial Pretreatment Program for the System (a copy of which is posted on the company's website). The Industrial Pretreatment Program is a requirement of NPDES Permit No. PA0026972 governing the System and is incorporated by reference in the Company's "Rates, Rules and Regulations Governing the Furnishings of Wastewater Collection and Disposal Services" (commonly referred to as the "**Tariff**") approved by the Pennsylvania Public Utility Commission.

This Permit shall become effective on **April 1, 2021**, and shall expire at midnight on **July 31, 2025**.

As provided in Section 5.6 of the Industrial Pretreatment Program, a permittee may appeal to the Company to reconsider the terms of this Permit. Such an appeal must be filed within thirty (30) days of receipt of the Permit. The appeal must be in writing and must indicate the permit provisions objected to, the reasons for the objection, and the alternative condition, if any, sought to be placed in the permit.

A Permittee with an expiring Industrial Waste Discharge Permit (**IWDP**) shall apply for permit reissuance by submitting a permit application. That application must be filed a minimum of one hundred twenty (120) days prior to the expiration of the Permittee's existing permit, unless the deadline is extended in writing by the Company. It is the responsibility of the Permittee to request an IWDP application form no less than 150 days prior to the expiration of the existing IWDP.

In the event that a timely and complete application to renew an Industrial Waste Discharge Permit has been submitted and the IWDP cannot be reissued before the expiration date, through no fault of the Permittee, the terms and conditions of the existing IWDP will be automatically continued and will remain fully effective and enforceable pending the granting or denial of the application for IWDP renewal.

*The terms of this Permit do not extend or inure the benefit of any party, person, or entity other than PAWC and Permittee, and permittee's authorized assigns, if any. Nothing in this Permit shall be construed to make any person or entity not executing this Permit a third-party beneficiary to this Permit.*

Issued By: Ed Baetzel Date: 2-26-2021  
Ed Baetzel  
Senior Superintendent of Operations  
Pennsylvania American Water

CC: Kelly Bothur, Senior Supervisor of Operations, Exeter WWTP  
Kristin May, Supervisor of Water Quality & Environmental Compliance, IPP Manager



**PART 1—EFFLUENT LIMITATIONS**

A. During the period of **April 1, 2021 and July 31, 2025**, the Permittee is authorized to discharge industrial wastewater to the Pennsylvania American Water Exeter Wastewater treatment plant from the specific outfalls listed below.

Description of outfalls:

Outfall	Description
Private manhole (FAC)	This outfall is combined discharge from the facility which empties directly into a private manhole. From the manhole, the discharge is pumped into the 2-inch force main on Lincoln Road and Fair View Chapel Road (manhole C22).

B. During the period of **April 1, 2021 through July 31, 2025**, the discharge from the private manhole (FAC) shall comply with the following effluent limitations and monitoring requirements:

**Table 1: Local Limits Requirements.** The listed parameters, monitoring frequency and related Maximum Daily Limit (MDL) represent the requirements by which the industry must achieve to be within compliance with the permit.

Parameter	Maximum Daily Limit (mg/L)	Monitoring Requirements		
		Monitoring Frequency	Required Sample Type	Notes
<i>Conventional Pollutants</i>				
Ammonia Nitrogen	50	Weekly	24-Hour Composite	1,2,3,4,5,6,12
Biochemical Oxygen Demand	4,000	Weekly	24-Hour Composite	2,3,4,5,6,11
Total Dissolved Solids	11,500	Weekly	24-Hour Composite	1,2,3,4,5,6,12
Total Suspended Solids	3,500	Weekly	24-Hour Composite	2,3,4,5,6,11
Fats, Oil, and Grease (Total)	< 100	Weekly	Grab	2,3,4,6,7
pH (s.u.)	6.0 – 10.0	Weekly	Grab	1,2,3,4,8,10
<i>Inorganic Pollutants</i>				
Arsenic, Total	0.10	Quarterly (4 Times/Year)	24-Hour Composite	1,2,3,4,5,6
Cadmium, Total	0.07	Quarterly (4 Times/Year)	24-Hour Composite	1,2,3,4,5,6
Chromium, Total	3.60	Quarterly (4 Times/Year)	24-Hour Composite	1,2,3,4,5,6

**Table 1: Local Limits Requirements, continued**

Parameter	Maximum Daily Limit (mg/L)	Monitoring Requirements		
		Monitoring Frequency	Required Sample Type	Notes
Chromium, Hexavalent	Monitor/Report	Quarterly (4 Times/Year)	24-Hour Composite	1,2,3,4,5,6
Copper, Total	0.20	Quarterly (4 Times/Year)	24-Hour Composite	1,2,3,4,5,6
Cyanide, Total	0.47	Quarterly (4 Times/Year)	Grab	1,2,3,4,6,7
Lead, Total	0.10	Quarterly (4 Times/Year)	24-Hour Composite	1,2,3,4,5,6
Mercury, Total	0.020	Quarterly (4 Times/Year)	24-Hour Composite	1,2,3,4,5,6
Molybdenum, Total	0.100	Quarterly (4 Times/Year)	24-Hour Composite	1,2,3,4,5,6
Nickel, Total	0.75	Quarterly (4 Times/Year)	24-Hour Composite	1,2,3,4,5,6
Selenium, Total	0.20	Quarterly (4 Times/Year)	24-Hour Composite	1,2,3,4,5,6
Silver, Total	0.55	Quarterly (4 Times/Year)	24-Hour Composite	1,2,3,4,5,6
Zinc, Total	0.25	Quarterly (4 Times/Year)	24-Hour Composite	1,2,3,4,5,6

**Table 2: Additional Monitoring Requirements**

Parameter	Maximum Daily Limit (mg/L)	Monitoring Requirements		
		Monitoring Frequency	Required Sample Type	Notes
Flow	Monthly Average: 104,500 GPD  Daily Average: 155,000 GPD	Continuous	N/A	9
Chlorides	Monitor/Report	Weekly (4 Times/Month)	24-Hour Composite	2,3,4,5,6
True Color	Monitor/Report	Quarterly (4 Times/Year)	24-Hour Composite	1,2,3,4,5,6,13

## Notes:

1. Discrete samples shall be taken for analysis during each of the following periods: January 1 to March 31; April 1 to June 30; July 1 to September 30; and October 1 to December 31.
2. Samples shall be taken at the identified point or points of discharge and the sampling procedure shall be according to the procedure described in 40 CFR or amendment thereafter, or otherwise approved

- by EPA and/or DEP, or specified in this permit.
3. Selection of sampling days and dates shall not be based on any consideration such as, high or low flows, high or low workloads, internal incidents, abnormal or normal conditions, and pretreatment plant performance. The sampling dates and days shall be conducted on a strictly random selection basis.
  4. All sample collection, preservation, storage, transportation, and analysis shall be performed in accordance with 40 CFR Part 136 and amendments thereto unless specified otherwise in the monitoring conditions of this permit. Chain of Custody forms are required on all samples taken for compliance with this permit.
  5. The 24-hr Composite samples shall be on a time composite basis as defined in PART 5, Section B -8.b of this permit. The 24-hour composite period shall encompass a normal working day.
  6. Each grab or 24-hour composite sample may be preserved appropriately and stored in the refrigerator to be mixed, if possible, with the second day sample or 24-hour sample. A completely mixed portion of this mixture may be taken for the analysis of the parameters which shall be done by a qualified laboratory.
  7. The term "Grab" is defined in PART 5, Section B -8.c of this permit.
  8. Analysis for pH shall be done on site immediately upon taking sample and recorded in pH standard units.
  9. Pre-treatment plant flow should be continuously monitored as determined by the company.
  10. If your facility requires continuous pH monitoring, the pH meter shall be calibrated on a regular basis according to manufacturer's instructions. A calibration record shall be kept for review by the Pennsylvania American Water Exeter Wastewater System.
  11. For permits that require monitoring and reporting biochemical oxygen demand (BOD-5) and/or total suspended solids (TSS), the Company's Tariff applies an Industrial Loading Fee to any discharge with BOD-5 concentrations of greater than 250 mg/l and TSS concentrations of greater than 250 mg/l. For permits that impose a limit for BOD-5 and/or TSS, any discharges in concentrations greater than such limit are subject to an Excess Loading Fee. For other parameters, discharges with concentrations or loadings in excess of limits listed in the permit are subject to Special Discharge Fees. The assessment and collection of any Industrial Loading Fee, Excess Loading Fee or Special Discharge Fee does not constitute a waiver of or limit any other remedies available to the Company for exceedance of limits stated in the permit.
  12. Due to the lack of system-wide data for ammonia and total dissolved solids, limits and/or monitoring frequencies may be re-evaluated based on analytical results.

13. True color may be removed from monitoring requirements, or a limit may be imposed, depending on the analytical results (see Part 4, Section B, True Color).

## **PART 2 - MONITORING REQUIREMENTS**

### **A. Definition of Technical Terms and Abbreviations:**

**BOD:** Biochemical Oxygen Demand for 5-day incubation (biodegradable organic strength of waste)

**mg/L:** Milligrams per liter or one part (by weight) per one million parts (by weight), ppm

**Q-24-Hr-Comp:** Frequency of quarterly and Type of 24-hour composite sample. Sampling and analysis to be done quarterly (Calendar quarter), and sample type is 24-hour composite.

**TRC:** Technical Review Criteria. TRC limits are calculated as permitted limits plus 40% (for biological oxygen demand or BOD-5, total suspended solids, oil and grease, and ammonia), and permitted limits plus 20% for other pollutant parameters. TRC violations occur when 33% or more of the parameters, in a monitoring period, were measured to be above the TRC daily maximum or TRC monthly average limits.

**TTO:** The term Total Toxic Organics, is the summation of all quantifiable amounts greater than 0.01 milligrams per liter or parts per million.

### **B. Basis and Effect of Permit:**

1. The basis of this Permit is a requirement of NPDES Permit No. PA0026972 and the Company's Tariff, as contained in the Supplemental No. 17 to Tariff Wastewater PA P.U.C No. 16, filed and approved in accordance with Pennsylvania Utility Commission Order No. P2014-2431005. The Company's current Water Industrial Pretreatment Program for the System is available on the Company's website and a hard copy is available upon request. Permittees are encouraged to read and refer to the Industrial Pretreatment Program and use it as a detailed reference.
2. This Permit does not affect the Permittee's obligations to other state or federal permits or laws. This Permit is not an alternative to any other permit or required imposed under applicable state or federal laws.
3. This Permit replaces and supersedes any other industrial wastewater pretreatment discharge permit issued by the Company or predecessor operators of the System which may be currently effective governing the same said discharges to the system.

### **PART 3 – REPORTING REQUIREMENTS**

#### **A. Monitoring Reports**

The Permittee may submit a written request to the Company to perform sampling responsibilities for monitoring requirements. If that request is approved by the Company, the Company will perform such sampling on behalf of the Permittee, and charges for sampling and laboratory analysis will be added to the quarterly billing in accordance with the Tariff. Unless the Company approves such a request and agrees to perform such sampling, the Permittee must meet the following requirements:

1. Monitoring results obtained shall be summarized and reported once per quarter. The reports are due on the 28<sup>th</sup> day of the month following the quarter. The report(s) shall indicate the nature and concentration of all pollutants in the effluent for which sampling and analyses were performed during the quarter.
2. The monitoring report shall include the original copies of all the Laboratory Analytical Results, Chain of Custodies, Monitoring Period Discharge Flow, and Sampling Integrity, and TTO Statement.
3. If the Permittee monitors any pollutant more frequently than required by this permit, the results of such monitoring shall be included in any calculation of actual daily maximum or monthly average pollutant discharge and the results shall be reported in the quarterly report submitted to the Pennsylvania American Water Exeter Wastewater System. Such increased monitoring frequency shall also be indicated in the quarterly report.
4. Analysis for pH shall be done on site immediately upon taking sample and recorded in pH standard units. If the monitoring of pH is done on a continuous basis, the self-monitoring report shall include the pH range during the quarterly monitoring period, the number of instances that the pH falls outside the accepted range listed in Part 1, Sections B of this permit, and the duration of said instances.

#### **B. Automatic Re-Sampling:**

If the results of the Permittee's discharge analysis indicate that a violation or violations of this permit has occurred, the Permittee must:

1. Inform the Pennsylvania American Exeter Wastewater System of the violation within 24-hours of becoming aware of the violation and submit within five (5) business days a detailed written report describing the discharge and measures taken to prevent similar occurrences;
2. Repeat the sampling and analysis and submit the results for each violated parameter within 30 days of becoming aware of the violation.

#### **C. Spill Prevention Plan and Accidental Discharge Reporting:**

The Permittee shall provide protection from accidental spills and non-routine batch discharges. Facilities, equipment, and materials, to prevent these accidental or non-routine discharges shall be provided and maintained at the Permittee's own cost and expense. Such plans shall be prepared in accordance with PADEP's Guidelines for the

Development and Implementation of Environmental Emergency Response Plans (the PADEP Guidelines). Detailed plans showing facilities and operating procedures to provide this protection shall be submitted to the Municipal Emergency Management Coordinator, the County Emergency Management Coordinator and Pennsylvania American Water Exeter Wastewater Treatment Plant, for review and comment, before the implementation of this plan. The plan shall contain at least the following elements:

1. A description of discharge practices, including non-routine batch discharges;
2. A list and description of stored chemicals;
3. Procedures for promptly notifying Pennsylvania-American Water Exeter Wastewater Treatment Plant for any slug load discharges, including any discharge that would violate a specific prohibition under 40 CFR §403.5(b), with procedures for a follow-up written notification within five (5) days;
4. Procedures to prevent adverse impact from accidental spills, including inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site run-off, worker training, building of spill containment structures or equipment, measures for containing toxic organic matters (including solvents), and/or measures and equipment for emergency response; and
5. If necessary, follow-up practices to limit the damage suffered by the WWTP or the environment.

The Permittee shall complete and submit to the Company a copy of such a plan within six (6) months of the effective date of this Permit. Review and approval of such plans and operating procedures shall not relieve the Permittee from the responsibility to modify the Permittee's facility as necessary to meet the requirements of the Ordinance or this permit.

In the case of accidental discharge, it is the responsibility of the Permittee upon discovery and after assessing the situation and taking initial corrective action to:

1. Notify the Pennsylvania-American Water Exeter Wastewater Plant, by telephone, immediately upon the occurrence of an accidental or any slug loads or spills that may enter the sewer system. The notification shall include location of discharge, date and time thereof, type of waste, including concentration and volume, and corrective actions taken. The Permittee's notification of accidental releases in accordance with this section does not relieve it of other reporting requirements that arise under local, State or Federal Laws.
2. Within five (5) days following an accidental discharge, the Permittee shall submit to Pennsylvania-American Water a detailed written report. The report shall specify:
  - a. A description of the upset, slug load, or accidental discharge, the cause thereof; and the impact on the Permittee's compliance status. The description should also include the location of the discharge, type and concentration and volume of waste;
  - b. Duration of noncompliance and if noncompliance is continuing, the time by which compliance is reasonably expected to occur;

- c. All steps taken or to be taken to reduce, eliminate and/or prevent recurrence of such an upset, slug load, accidental discharge, or other conditions of noncompliance.

#### **D. Submitting Reports**

All reports required by this permit shall be submitted to the Pennsylvania American Water Exeter Wastewater Treatment Plant at address listed below. Alternatively, reports may be submitted electronically via email to: Kristin.May@amwater.com.

Pennsylvania American Water  
Exeter Wastewater Treatment Plant  
Kristin May  
Supervisor, Water Quality and Environmental Compliance  
400 Hanover Street  
Birdsboro, PA 19508

#### **E. Retention of Records**

1. The Permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least three years from the date of the sample, measurement, report, or application. This period may be extended by request of the Company at any time.
2. All records that pertain to matters that are the subject of special orders or any other enforcement or litigation activities brought by the Company shall be retained and preserved by the Permittee until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have been expired.

#### **F. Record Contents**

Records of sampling and analyses shall include:

- The date, exact place, time, and methods of sampling or measurements;
- Sample preservation techniques or procedures;
- Who performed the sampling or measurements;
- The date(s) analyses were performed;
- Who performed the analyses;
- The analytical techniques or methods used; and
- The results of such analyses.

#### **G. Hazardous Waste Discharge**

The Permittee shall report any hazardous waste discharge as required by 40 CFR §403.12(p).

**H. Inspection of Entry**

The Permittee shall allow authorized representatives of the Company at all reasonable times upon presentation of credentials and other documents as may be required to:

1. Enter upon the Permittee's premises where a regulated facility or activity is located or conducted; or where records must be kept under the conditions of this permit;
2. Have access to and copy, at reasonable times, any record that must be kept under the conditions of this permit;
3. Inspect at reasonable times any facilities, equipment, (including monitoring and control equipment), practices, or operations regulated or required under this permit; Any temporary or permanent obstruction to safe and easy access to the facility to be inspected or sampled shall be removed promptly by the Permittee at the written or verbal requests of Pennsylvania American Water Wastewater;
4. Sample or monitor, for the purposes of assuring permit compliance, any substances or parameters at any location;
5. Inspect any production, manufacturing, fabricating, or storage area where pollutants, regulated under the permit, could originate, be stored, or be discharged to the sewer system;
6. Require the facility to install monitoring equipment as necessary in order to comply with all requirements and any Industrial Waste Discharge Permit or Compliance directive pursuant to an Administrative Order.
7. Unreasonable delays in allowing the Company access to the Permittee's premises shall be a violation of the Industrial Pretreatment Program rules.

**I. Planned Changes to Facility, Water Characteristic, or Volume Change**

Permittee who contemplates a change in materials, processes or method of the industrial operation producing the waste, or in the pretreatment facilities, which change will result in a Significant Wastewater Modification, shall provide written notice to Pennsylvania-American Water Exeter Wastewater Treatment Plant at least ninety (90) days prior to such change. If an Industrial Waste Discharge Permit application is required, the application will be subject to a fee and will be processed in accordance with the procedures established above. If the application is approved, Pennsylvania American Water Exeter Wastewater Treatment Plant may modify the existing IWDP or issue a new IWDP, at its discretion. No contemplated changes in materials, processes, methods or facilities may be implemented until the Company has approved the application and either modified the existing IWDP, issued a new IWDP, or has determined in writing that no IWDP application is required.

**J. Notice of Potential Problems (including Slug Loading)**

All Industrial Permittees shall notify both verbally and written Pennsylvania American Water Exeter Wastewater Treatment Plant immediately of all discharges that could cause problems to the WWTP, including any slug loadings by the Industrial Permittee.

**PART 4 — SPECIAL CONDITIONS****SECTION A - ADDITIONAL/SPECIAL MONITORING OR REPORTING REQUIREMENTS****PCBs**

1. On April 7, 2007, the U.S. Environmental Protection Agency (EPA), Region 3, adopted a Total Maximum Daily Load (TMDL) for Polychlorinated Biphenyls (PCBs) for the Schuylkill River. Implementation of the TMDL requires that permitted facilities that discharge directly to the Schuylkill River conduct sampling for PCBs and, based upon review of the results, develop and implement a PCB Pollutant Minimization Plan (PMP). The Schuylkill River's PCB TMDL was established using a water quality criterion of 0.044 ng/l for PCBs. The Exeter Wastewater Treatment Plant is required to collect sampling results and to develop and implement a PCB PMP.
2. As the Exeter Wastewater Treatment Plant develops its PCB PMP, Birdsboro Kosher Farms may be required to collect one 24-hour composite sample annually. The samples shall be collected from your permitted discharge to the Exeter Wastewater Treatment Plant. Advance notification will be provided 60-days prior to a request to sample. If the water quality criterion of 0.044 ng/l for PCBs is exceeded, resampling may be required.
3. All sample analyses shall be performed using EPA Method 1668A, Revision A: Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by HRGC/HRMS. EPA-821-R-00-002, December 1999 as supplemented or amended, and results for all 209 PCB congeners shall be reported. Project-specific, sample collection protocols, analytical procedures, and reporting requirements at <http://www.state.nj.us/drbc/quality/toxics/pcbs/monitoring.html> shall be followed. Monitoring information, sample data, and reports associated with PCB monitoring shall be submitted to the Exeter Wastewater Treatment Plant in the form of two compact discs in the format referenced at <http://www.state.nj.us/drbc/library/documents/PCB-EDD011309.pdf>.
4. The Exeter Wastewater Treatment Plant will include any results submitted to the DEP and the Delaware River Basin Commission (DRBC) as part of the PCB PMP annual report.

**True Color**

1. On December 9, 2020, the Delaware River Basin Commission (DRBC) issued Docket No. D-1992-003 CP-3 to Pennsylvania-American Water Exeter Wastewater Treatment Plant. Under this docket, an effluent color limit must not exceed 100 units on the platinum cobalt scale.
2. In order to determine industrial users' impact on the treatment plant's effluent, Permittees are required to analyze for true color on a monthly basis.
3. If the results for true color demonstrate no impact on the color of the treatment plant's effluent, the monitoring requirement will be lifted. If, however, the results demonstrate an impact to the treatment plant, a true color limit may be imposed.

**SECTION B – RE-OPENER CLAUSE**

1. The Permit may be re-opened and modified to incorporate any new or revised requirements resulting from Pennsylvania-American Water Exeter Wastewater Treatment Plant re-evaluation of the Local Limits or for any other reason deemed necessary by the Company.
2. This permit may be re-opened and modified to incorporate any new or revised requirements contained in the National Categorical Pretreatment Standards (40 CFR parts 400-471).

**PART 5 – GENERAL CONDITIONS AND DEFINITIONS****SECTION A – GENERAL PROHIBITIVE DISCHARGE REGULATIONS****Prohibited Discharge Standards****(a) General Prohibitions.**

No Permittee shall introduce or cause to be introduced into the Treatment Works any Pollutant or wastewater which causes Pass Through or Interference. These general prohibitions apply to all Permittees of the Treatment Works whether or not they are subject to Categorical Pretreatment Standards or any other National, State, or local Pretreatment Standard or Requirement.

**(b) Specific Prohibitions.** No Permittee shall introduce or cause to be introduced into the Treatment Works, or process or store in a manner that they could be introduced into the Treatment Works, the following Pollutants, substances, or wastewater:

(i) Quantities of liquids, solids or gases (including, but not limited to, gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides and sulfides) which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any way to the Treatment Works or to the operations of the Treatment Works, including, but not limited to, any discharge with a closed-cup flashpoint of less than 140°F (60°C) using the test methods specified in 40 CFR §261.21. At no time shall any wastewater cause two successive readings on an explosion hazard meter, at the point of discharge into the system (or at any point in the system), to be more than five percent (5%) nor any single reading to be over ten percent (10%) of the Lower Explosive Limit (LEL) of the meter.

(ii) Wastewater having a pH less than 6.0 or higher than 10.0 as measured by a Grab Sample or wastewater having other corrosive properties capable of causing damage or hazard to structures, equipment, or personnel of the Treatment Works.

(iii) Solid or viscous substances which may cause obstruction to the flow in the Sewer System or other interference with the operation of the Treatment Works such as, but not limited to, grease, garbage with particles greater than one-half inch (1/2") in any dimension, animal guts or tissues, paunch manure, bones, hair, hides or fleshing's, entrails, whole blood, feathers, ashes, cinders, sand, spent limestone or marble dust, bentonite, lye, building materials, rubber, leather, porcelain, china, metal, glass, straw,

shavings, grass clippings, rags, spent grains, spent hops, waste paper, wood, plastics, tar, asphalt residues, residues from refining or processing of fuel or lubricating oil, mud, or glass grinding or polishing wastes or any material which can be disposed of as trash.

(iv) Pollutants, including oxygen-demanding pollutants (BOD5, etc.), released in a discharge at a flow rate and/or Pollutant concentration which, either singly or by interaction with other Pollutants, will cause Interference with the Treatment Works.

(v) Wastewater with a temperature at the introduction into the Treatment Works which exceeds 120°F (49°C), or less than 32°F, or which will inhibit biological activity in the Treatment Plant resulting in Interference, but in no case wastewater which causes the temperature at the introduction into the Treatment Plant to exceed 104°F (40°C).

(vi) Petroleum oil, motor oils or lubricants removed from vehicles or machinery, non-biodegradable cutting oil, or products of mineral oil origin, in amounts that will cause Interference or Pass Through.

(vii) Pollutants in sufficient quantity which, either alone or by interaction with other Pollutants, would result in the presence of toxic gases, vapors or fumes, cause worker injury or disruption of any wastewater treatment process, including the disposal of sludge, or would be in non-compliance with any Categorical or Pretreatment Standards established in accord with 40 CFR Section 403.6.

(viii) Trucked or hauled Pollutants, except at discharge points designated by the Company.

(ix) Noxious or malodorous liquids, gases, solids, or other wastewater which, either singly or by interaction with other wastes, are sufficient to create a public nuisance or a hazard to life, or to prevent entry into the Sewer System for maintenance or repair.

(x) Wastewater which imparts color which cannot be removed by the treatment process, and which consequently imparts color to the Treatment Plant's effluent.

(xi) Wastewater containing any radioactive wastes or isotopes except in compliance with applicable State or Federal regulations.

(xii) Sludges, screenings, or other residues from the pretreatment of Industrial Wastes.

(xiii) Wastewater causing, alone or in conjunction with other sources, the Treatment Plant's effluent to fail toxicity test.

(xiv) Discharge which, if otherwise disposed of, would be considered a hazardous waste as defined in 40 CFR Part 261, without prior notification by the Permittee in writing to the Company, DEP and EPA as provided in 40 CFR 403.12(p)(1) and written approval by the Company.

(xv) Any Significant Wastewater Modification without prior notification to the Company and written approval by the Company.

(xvi) Any substance which may cause the Treatment Plant's effluent or any other product of the Treatment Plant such as residues, sludge, or scum, to be unsuitable for reclamation and reuse or to interfere with the reclamation process. In no case shall a substance discharged to the Treatment Works cause the Company to be in non-compliance with sludge use or disposal criteria, guidelines or regulations developed under Section 405 of the Act, nor any criteria, guidelines, or regulations affecting sludge use or disposal developed pursuant to the Solid Waste Disposal Act, the Clean Air Act, the Toxic Substances Control Act, or State criteria applicable to the sludge management methods being used by the Company.

(xvii) Any Pollutants, including oxygen demanding Pollutants and suspended solids released at a flow rate and/or Pollutant concentration which a Permittee knows or has reason to know will cause Interference or Pass Through to the Treatment Works. In no case shall a slug load have a flow rate or contain concentrations or quantities of Pollutants that exceed for any time period longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour permitted concentration, quantities, or flow during normal operation.

(xviii) Any wastewater which because of its chemical nature or composition causes the sewer atmosphere to contain airborne chemical concentrations in excess of concentrations established by the U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) under 29 CFR Part 1910, regardless of duration of exposure experienced by any individual, whether the Company or contractor's employee, unless written authorization is granted by the Company.

(xix) Substances which will cause Pass Through and cause the Treatment Works to violate its NPDES and/or State Solid Waste Disposal System Permit(s) or the air quality and/or receiving water quality standards, or prohibited by any permit issued by the Company, the Commonwealth of Pennsylvania or the Environmental Protection Agency.

(xx) Wastes which are not amenable to biological treatment or reduction in existing treatment facilities, including but not limited to nonbiodegradable complex carbon compounds.

(xxi) Wastewater containing any organic compounds of endrin, lindane, methoxychlor, toxaphene, dichlorophenoxyacetic acid, trichlorophenoxypropionic acid or other herbicides, pesticides or rodenticides.

(c) When the Company determines that a Permittee is contributing to the Treatment Works any of the above enumerated substances in such amounts as to cause Pass Through or Interference with the operation of the Treatment Works and/or the Treatment Plant, the Company will: (1) notify the Permittee of the impact of the contribution on the Treatment Works and/or the Treatment Plant; (2) develop effluent limitation(s), as needed, for the Permittee to correct the Pass Through or Interference with the Treatment Works and/or the Treatment Plant; and (3) proceed if necessary with enforcement pursuant to the provisions of these rules.

(d) Pollutants, substances, or wastewater prohibited by this section shall not be processed or stored in such a manner that they have a reasonable potential to be discharged to the Treatment Works.

## **SECTION B — GENERAL CONDITIONS AND DEFINITIONS**

### **1. Severability**

If any provision, paragraph, word, section, or article of this permit is invalidated by any court of competent jurisdiction, the remaining provisions, paragraphs, words, sections, and chapters shall not be affected and shall in full force and effect.

## 2. Duty to Comply

The Permittee must comply with all conditions of this permit. Failure to comply with the requirements of this permit may be grounds for administrative action, or enforcement proceedings including civil or criminal penalties, injunctive relief, and summary abatements.

## 3. Permit Modification

This Permit may be modified for good cause including, but not limited to, the following:

- a. To incorporate any new or revised Federal, State, or local pretreatment standards or Requirements;
- b. To address substantial alterations or additions to the Permittee's operation, process, or wastewater volume or character which were not considered since the time of the IWDP issuance. A change in any condition in either the Permittee or the Sewer System that requires either a temporary or permanent reduction or elimination;
- c. Information indicating that the permitted discharge poses a threat to the Pennsylvania American Water Exeter Wastewater Treatment Plant collection and treatment system, personnel, or the receiving stream;
- d. Violation of any terms or conditions of this IWDP;
- e. Misrepresentation or failure to disclose fully all relevant facts in the IWDP application or in any required reporting;
- f. Revision of or a grant of variance from such categorical standards pursuant to 40 CFR 403.13;
- g. To correct typographical or other errors in the IWDP;
- h. To reflect transfer of the facility ownership and/or operation to a new Owner/Operator;
- i. Upon request of the Permittee, provided such request does not create a violation of any applicable requirements, standards, laws or rules and regulations.

## 4. Permit Revocation

Pennsylvania American Water Exeter Wastewater Treatment Plant may revoke an IWDP for good cause, including but not limited to, the following reasons:

- a. Falsifying self-monitoring reports;
- b. Tampering with monitoring equipment;
- c. Refusing to allow timely access to the facility premises and records;
- d. Failure to meet effluent limitations;
- e. Failure to pay fines;
- f. Failure to pay fees or sewer charges;
- g. Failure to meet compliance schedules;
- h. Failure to complete a wastewater survey or the wastewater discharge permit application;

- i. Failure to factually report the wastewater constituents and characteristics of a discharge or misrepresentation of relevant facts in an application for an IWDP.

#### **5. Limitation on Permit Transfer**

Permits may be reassigned or transferred to a new owner and/or operator with prior approval of Pennsylvania American Water Exeter Wastewater Treatment Plant:

- a. The Permittee must give at least forty (40) days advance notice to Pennsylvania American Water Exeter Wastewater Treatment Plant in order for the Company to approve the IWDP transfer.
- b. The notice must include a written certification by the new Owner or Operator which:
  - (i) States that the new Owner and/or Operator has no immediate intent to change the facility's operations and processes;
  - (ii) Identifies the specific date on which the transfer is to occur;
  - (iii) Acknowledges full responsibility for complying with the existing IWDP.
- c. The Company will approve or disapprove a permit transfer within thirty (30) days of issuing an acknowledgement of completeness of that notice. Approval of such transfer will not be unreasonably withheld by Pennsylvania American Water Exeter Wastewater Treatment Plant.
- d. Failure to provide advance notice of a transfer renders the IWDP void as of the date of facility transfer.

#### **6. Continuation of Expired Permit**

A Permittee with an expiring Industrial Waste Discharge Permit shall apply for permit reissuance by submitting a permit application, in a minimum of one hundred twenty (120) days prior to the expiration of the Permittee's existing permit, unless the deadline is extended in writing by the Company. It is the responsibility of the Permittee to request an IWDP application form no less than 150 days prior to the expiration of the existing IWDP. In the event that a timely and complete application to renew an Industrial Waste Discharge Permit has been submitted and the IWDP cannot be reissued before the expiration date, through no fault of the Permittee, the terms and conditions of the existing IWDP will be automatically continued and will remain fully effective and enforceable pending the granting or denial of the application for IWDP renewal.

An expired permit will continue to be effective and enforceable until the permit is reissued if:

- a. The Permittee has submitted a completed permit application at least 120 days prior to the expiration date of the Permittee's existing permit;
- b. The failure to reissue the permit, prior to the expiration of the previous permit, is not due to any act or failure to act on the part of the Permittee.

## 7. Dilution

No Permittee shall ever increase the use of process water, or in any way attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with a discharge limitation unless expressly authorized by an applicable Pretreatment Standard or Requirement. The Company may impose mass limitations on Permittees who are using dilution to meet applicable Pretreatment Standards or requirements or in other cases when the imposition of mass limitations is appropriate.

## 8. Definitions

- a. **Bypass** Means the intentional diversion of wastes from any portion of a treatment facility.
- b. **Company** means the Pennsylvania-American Water Company.
- c. **Composite Sample** A sample that is collected over time, formed either by continuous sampling or by mixing discrete samples. The sample may be composited either as a **time composite sample**: composed of discrete sample aliquots in one container at constant time intervals providing representative samples irrespective of stream flow; or as a **flow proportional composite sample**: collected either as a constant volume at time intervals proportional to stream flow, or collected by increasing the volume of each aliquot as the flow increases while maintaining a constant time interval between the aliquots.
- d. **Cooling Water**
  - (1) Uncontaminated: Water used for cooking purposes only, which has no direct contact with any raw material, intermediate, or final product and which does not contain a level of contaminants detectably higher than that of the intake water.
  - (2) Contaminated: Water used for cooling purposes only, which may become contaminated either through the use of water treatment chemicals used for corrosion inhibitors or biocides, or by direct contact with process materials and/or wastewater.
- e. **Daily Maximum** The maximum allowable discharge of pollutant during a calendar day. Where the daily maximum limitations are expressed in units of mass, the daily discharge is the total mass discharged over the course of the day. Where the daily maximum limitations are expressed in terms of a concentration, the daily discharge is the arithmetic average measurement of the pollutant concentration derived from all measurements taken that day.
- f. **Grab Sample** An individual sample collected in less than 15 minutes, without regard to flow or time.

- g. **IWDP** Industrial Waste Discharge Permit
- h. **Monthly Average** The arithmetic average of the values for effluent samples collected during a calendar month or specified 30-day period.
- i. **Upset** Means an exceptional incident in which there is unintentional and temporary noncompliance of permit effluent limitations because of factors beyond reasonable control of the Permittee, excluding such factors as operational error, improperly designed or inadequate treatment facilities, or improper operation and maintenance or lack thereof.
- j. **Slug Load** Any pollutant (including Biochemical Oxygen Demand) released in a discharge at a rate or concentration which will cause a violation of the specific discharge prohibitions in 40 CFR 403.5 (b) to 403.12 (f).
- k. **Tariff** All of the service rates, rules and regulations issued by the Company, together with any supplements or revisions thereto, officially approved by and on file with the Pennsylvania Public Utility Commission.

#### **9. Compliance with Applicable Pretreatment Standards and Requirements**

Compliance with these rules and permits or compliance or cessation directives issued hereunder does not relieve the Permittee from its obligations regarding compliance with any and all applicable local, State, and Federal standards and requirements including any such standard or requirement that may become effective during the term of a permit or directive or the Pennsylvania American Water Industrial Pretreatment Program rules.

### **SECTION C — OPERATIONS AND MAINTENANCE OF POLLUTION CONTROL FACILITIES AND GENERAL PRACTICES**

#### **1. Proper Operation and Maintenance**

- a. The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with these rules. Proper operation and maintenance include but is not limited to effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process control, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary procedures only when necessary to achieve compliance with these rules.
- b. The Permittee additionally shall employ such management practices, housekeeping, cleanup, and storage and/or operating procedures necessary to ensure compliance with the terms of this permit.

## **2. Duty to Halt or Reduce Activity**

Upon reduction of efficiency of operation, or loss or failure of all or part of the treatment system, the Permittee shall, to the extent necessary to maintain compliance with these rules, control its production or discharges (or both) until operation of the treatment system is restored or an alternative method of treatment is provided. It shall not be a defense for the Permittee that it would have been necessary to halt or reduce an activity in order to maintain compliance with these rules.

## **3. Bypass of Treatment Facilities**

- a. Bypass is prohibited unless it is unavoidable to prevent loss of life, personal injury, or severe property damage or no feasible alternatives exist.
- b. The Permittee may allow bypass to occur which does not cause the effluent limitations to be exceeded, but only if it is also for essential maintenance to assure efficient operation.
- c. Notification of bypass:
  1. Anticipated bypass. If the Permittee knows in advance of the need for bypass, it shall submit prior written notice, at least ten (10) days before the date of the bypass, to Pennsylvania American Exeter Wastewater Treatment Plant;
  2. Unanticipated Bypass. The Permittee shall immediately notify the Pennsylvania American Water Exeter Wastewater Treatment Plant and submit a written notice to the Pennsylvania American Water Exeter Wastewater Treatment Plant within five days. This report shall specify:
    - (i) A description of the bypass, and its cause, including its duration;
    - (ii) Whether the bypass has been corrected, and;
    - (iii) The steps being taken or to be taken to reduce, eliminate, and prevent a reoccurrence of the bypass.

## **SECTION D — ADDITIONAL REPORTING REQUIREMENTS**

### **1. Signatory Requirements**

All applications, reports, or information submitted to Pennsylvania American Water Exeter Wastewater Treatment Plant must contain the following certification statement and be signed as required in subsection (a), (b), (c), or (d) below:

*"I certify that this document and all attachments were 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 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”.*

- a. By a responsible corporate officer, if the Industrial Permittee submitting the reports is a corporation. For the purpose of this paragraph, a corporate officer means:
  - (i) A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation;
- b. By a general partner or proprietor if the Industrial Permittee submitting the reports is a partnership or sole proprietorship respectively.
- c. The principal executive officer or director having responsibility for the overall operation of the discharging facility if the Industrial Permittee submitting reports is a Federal, State or local government entity, or their agents.
- d. By a duly authorized representative of the individual described in paragraph (a), (b), or (c) of this section:
  - (i) the authorization is made in writing by the individual in paragraph (a), (b), or (c);
  - (ii) the authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the discharge originates, such as the position of plant manager, operator of a well, or a well field superintendent, or a position of equivalent responsibility, or having overall responsibility for environmental matters for the company; and
  - (iii) the written authorization is submitted to Pennsylvania American Water.
- e. If an authorization under paragraph (d) of this section is no longer accurate because a different individual or position has responsibility for the overall facility of the facility, or overall responsibility for environmental matters of the company, a new written authorization satisfying the requirements of paragraph (d) of this section must be submitted to the Pennsylvania American Water Exeter Wastewater System prior to or together with any reports to be signed by an Authorized Representative of the Permittee.

**SECTION E — FEES**

- 1.1. Fees Applicable to All Systems
- 1.1.1. IWDP Application Fee: \$1,000.00
- 1.1.2. IWDP Transfer/Modification/Renewal Fee: \$250.00
- 1.1.3. Facility Inspection Fee: \$250.00 per inspection
- 1.1.4. Monitoring Report Review Fee: \$250.00 per monitoring report
- 1.1.5. Sampling and Analysis Fee: Actual cost of sampling and laboratory analysis plus 25% to cover administrative costs.
- 1.1.6. Accidental Discharge, Slug Control, and/or Monitoring Fee: Actual cost of response to accidental discharges or discharges of slugs loads, including but not limited to the costs incurred for any additional treatment or other actions required to manage such discharges, monitoring and response to such discharges, correction of any resulting contamination or other impacts to the Treatment Works, including the Collection System and Treatment Plant.
- 1.1.7. Compliance and Enforcement Fee - Administrative and Legal: Actual cost incurred by the Company for investigation and actions to address a Permittee's non-compliance with the terms of this IPP or any IWDP.
- 1.1.8. Damage Repair: Actual cost for cleaning, repair, replacement and/or correction of any damage to the Treatment Works, including the Collection System and the Treatment Plant, caused, or contributed to by a Permittee's discharge.

**1.1. Fees Applicable to Exeter Wastewater System**

- 1.1.1. Industrial Loading Fee - applicable on a quarterly basis to discharges with loadings above typical Domestic Sewage loadings up to but not exceeding any applicable Local Limit or IWDP limit, based on sampling and analysis by the Company and sampling required to be reported by the Permittee under an IWDP:

$$\text{Quarterly Fee (\$)} = Q \times \{((\text{BOD5 Actual} - \text{BOD5 Domestic}) \times \text{BOD5 Cost Factor}) + ((\text{TSS Actual} - \text{TSS Domestic}) \times \text{TSS Cost Factor})\}$$

Where:

BOD5 Actual = actual concentration of BOD5 in mg/l as measured by the Company or the Industrial Permittee

BOD5 Cost Factor = Treatment cost for BOD5 for the system = 0.00945

BOD5 Domestic = 250 mg/l, the typical concentration in Domestic Sewage

Q = Total flow for the quarter measured in thousand gallons

TSS Actual = actual concentration of TSS in mg/l as measured by the Company or the Industrial Permittee

TSS Cost Factor = treatment cost for TSS for the system = 0.00648

TSS Domestic = 250 mg/l, the typical concentration in Domestic Sewage

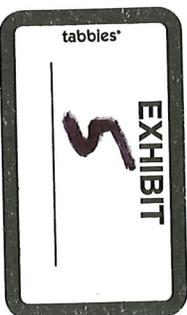
- 1.1.2. Excess Loading Fee - applicable to discharges with loadings that exceed a Local Limit or IWDP limit:

If in any monthly period, the loading of BOD5 or TSS exceeds a Local Limit or IWDP limit, then for the applicable parameter, in calculating the Industrial Loading Fee under §1.1.1, the BOD5 Cost Factor and/or TSS Cost Factor, applicable to the total loading of that parameter will be 125% of the value set forth in §1.1.1 to compensate for the additional administrative, oversight and management costs associated with managing such excessive loadings.

- 1.1.3. Special Discharge Fee - applicable to discharges with loadings or concentrations that exceed a Local Limit or IWDP limit and that impact sludge handling or disposal methods and costs, necessitate acquisition of nutrient credits, result in damages to the facility, or require extraordinary measures:

Fee = Actual cost incurred by the Company, including but not limited to: (1) additional costs of managing impacted sludge (including costs related to use of alternative disposal facilities, additional monitoring, etc.), (2) costs of acquiring nutrient credits to meet NPDES Permit cap limits; (3) costs of repairs to and restoration of the Treatment Works, including the Collection System and Treatment Plant; or (4) costs of implementing any other measures required to control, manage and address such excessive loadings or concentrations.

Sample:Wrk	Sample:SampleName	Sample:Sampled	Day	Analyte:Analysis	Analyte:tMRL	Analyte:tResult	Analyte:RpUnits
9113995	1912-Sampled from Wet Well	11/22/2019	8:06 Friday	BOD5	2	364 mg/L	
9113995	1912-Sampled from Wet Well	11/22/2019	8:06 Friday	TSS	4	340 mg/L	
9114303	1912-Sampled from Wet Well	11/27/2019	8:24 Wednesday	BOD5	2	655 mg/L	
9114303	1912-Sampled from Wet Well	11/27/2019	8:24 Wednesday	TSS	4	490 mg/L	
9121146	1912-Sampled from Wet Well	12/5/2019	10:14 Thursday	BOD5	2	68.8 mg/L	
9121146	1912-Sampled from Wet Well	12/5/2019	10:14 Thursday	TSS	4	33 mg/L	
9122122	1912-Sampled from Wet Well	12/12/2019	8:22 Thursday	BOD5	2	232 mg/L	
9122122	1912-Sampled from Wet Well	12/12/2019	8:22 Thursday	TSS	4	200 mg/L	
9122984	1912-Sampled from Wet Well	12/18/2019	10:48 Wednesday	BOD5	2	462 mg/L	
9122984	1912-Sampled from Wet Well	12/18/2019	10:48 Wednesday	TSS	4	156 mg/L	
9123613	1912-Sampled from Wet Well	12/24/2019	8:39 Tuesday	BOD5	2	181 mg/L	
9123613	1912-Sampled from Wet Well	12/24/2019	8:39 Tuesday	TSS	4	42.8 mg/L	
10478	1912-Sampled from Wet Well	12/31/2019	7:57 Tuesday	BOD5	2	34.2 mg/L	
10478	1912-Sampled from Wet Well	12/31/2019	7:57 Tuesday	TSS	4	29.2 mg/L	
11787	1912-Sampled from Wet Well	1/15/2020	11:55 Wednesday	BOD5	2	740 mg/L	
11787	1912-Sampled from Wet Well	1/15/2020	11:55 Wednesday	TSS	4	800 mg/L	
11788	1912-Sampled from Wet Well	1/22/2020	10:30 Tuesday	BOD5	2	221 mg/L	
11788	1912-Sampled from Wet Well	1/22/2020	10:30 Tuesday	TSS	4	90 mg/L	
11790	1912-Sampled from Wet Well	1/30/2020	10:30 Thursday	BOD5	2	642 mg/L	
11790	1912-Sampled from Wet Well	1/30/2020	10:30 Thursday	TSS	4	412 mg/L	
11789	1912-Sampled from Wet Well	2/5/2020	11:50 Wednesday	BOD5	2	391 mg/L	
11789	1912-Sampled from Wet Well	2/5/2020	11:50 Wednesday	TSS	4	148 mg/L	
20640	1912-Sampled from Wet Well	2/20/2020	10:15 Thursday	BOD5	2	496 mg/L	
20640	1912-Sampled from Wet Well	2/20/2020	10:15 Thursday	TSS	4	260 mg/L	
30772	1912-Sampled from Wet Well	2/27/2020	10:00 Thursday	BOD5	2	1290 mg/L	
30772	1912-Sampled from Wet Well	2/27/2020	10:00 Thursday	TSS	4	1300 mg/L	
30773	1912-Sampled from Wet Well	3/5/2020	10:30 Thursday	BOD5	2	224 mg/L	
30773	1912-Sampled from Wet Well	3/5/2020	10:30 Thursday	TSS	4	107 mg/L	
30774	1912-Sampled from Wet Well	3/13/2020	10:30 Friday	BOD5	2	351 mg/L	
30774	1912-Sampled from Wet Well	3/13/2020	10:30 Friday	TSS	4	81 mg/L	
30771	1912-Sampled from Wet Well	4/8/2020	10:00 Wednesday	BOD5	2	569 mg/L	
30771	1912-Sampled from Wet Well	4/8/2020	10:00 Wednesday	TSS	4	165 mg/L	
43516	1912-Sampled from Wet Well	4/15/2020	10:00 Wednesday	BOD5	2	274 mg/L	
43516	1912-Sampled from Wet Well	4/15/2020	10:00 Wednesday	TSS	4	22 mg/L	
44796	1912-Sampled from Wet Well	4/24/2020	9:00 Friday	BOD5	2	556 mg/L	
44796	1912-Sampled from Wet Well	4/24/2020	9:00 Friday	TSS	4	62 mg/L	
45071	1912-Sampled from Wet Well	4/30/2020	9:30 Thursday	BOD5	2	322 mg/L	
45071	1912-Sampled from Wet Well	4/30/2020	9:30 Thursday	TSS	4	52 mg/L	
52089	1912-Sampled from Wet Well	5/7/2020	9:30 Thursday	BOD5	2	939 mg/L	



52089	1912-Sampled from Wet Well	5/7/2020 9:30	Thursday	TSS	4	550 mg/L
41060	1912-Sampled from Wet Well	5/19/2020 9:00	Tuesday	BOD5	2	346 mg/L
41060	1912-Sampled from Wet Well	5/19/2020 9:00	Tuesday	TSS	4	56 mg/L
41061	1912-Sampled from Wet Well	5/29/2020 12:00	Friday	BOD5	2	713 mg/L
41061	1912-Sampled from Wet Well	5/29/2020 12:00	Friday	TSS	4	368 mg/L
41062	1912-Sampled from Wet Well	6/5/2020 10:00	Friday	BOD5	2	2154 mg/L
41062	1912-Sampled from Wet Well	6/5/2020 10:00	Friday	TSS	4	2560 mg/L
41062	1912-Sampled from Wet Well	6/5/2020 10:00	Friday	TSS	4	2460 mg/L
41063	1912-Sampled from Wet Well	6/12/2020 10:00	Friday	BOD5	2	752 mg/L
41063	1912-Sampled from Wet Well	6/12/2020 10:00	Friday	TSS	4	174 mg/L
41064	1912-Sampled from Wet Well	6/18/2020 8:45	Thursday	BOD5	2	295 mg/L
41064	1912-Sampled from Wet Well	6/18/2020 8:45	Thursday	TSS	4	174 mg/L
60195	1912-Sampled from Wet Well	6/26/2020 9:30	Friday	BOD5	2	710 mg/L
60195	1912-Sampled from Wet Well	6/26/2020 9:30	Friday	TSS	4	474 mg/L
50666	1912-Sampled from Wet Well	6/30/2020 10:00	Tuesday	BOD5	2	424 mg/L
50666	1912-Sampled from Wet Well	6/30/2020 10:00	Tuesday	TSS	4	177 mg/L
50667	1912-Sampled from Wet Well	7/7/2020 9:30	Tuesday	BOD5	2	2390 mg/L
50667	1912-Sampled from Wet Well	7/7/2020 9:30	Tuesday	TSS	4	1180 mg/L
50667	1912-Sampled from Wet Well	7/7/2020 9:30	Tuesday	BOD5	2	2010 mg/L
50668	1912-Sampled from Wet Well	7/16/2020 9:45	Thursday	BOD5	2	2010 mg/L
50668	1912-Sampled from Wet Well	7/16/2020 9:45	Thursday	TSS	4	760 mg/L
60196	1912-Sampled from Wet Well	7/23/2020 10:30	Thursday	BOD5	2	1920 mg/L
60196	1912-Sampled from Wet Well	7/23/2020 10:30	Thursday	TSS	4	850 mg/L
60197	1912-Sampled from Wet Well	7/30/2020 9:00	Thursday	BOD5	2	1210 mg/L
60197	1912-Sampled from Wet Well	7/30/2020 9:00	Thursday	TSS	4	553 mg/L
60198	1912-Sampled from Wet Well	8/5/2020 9:00	Wednesday	BOD5	2	697 mg/L
60198	1912-Sampled from Wet Well	8/5/2020 9:00	Wednesday	TSS	4	430 mg/L
50669	1912-Sampled from Wet Well	8/13/2020 9:00	Thursday	BOD5	2	1260 mg/L
50669	1912-Sampled from Wet Well	8/13/2020 9:00	Thursday	TSS	4	432 mg/L
80663	1912-Sampled from Wet Well	8/20/2020 9:15	Thursday	BOD5	2	1960 mg/L
80663	1912-Sampled from Wet Well	8/20/2020 9:15	Thursday	TSS	4	935 mg/L
80664	1912-Sampled from Wet Well	8/27/2020 8:45	Thursday	BOD5	2	791 mg/L
80664	1912-Sampled from Wet Well	8/27/2020 8:45	Thursday	TSS	4	486 mg/L
90801	1912-Sampled from Wet Well	9/3/2020 8:45	Thursday	BOD5	2	200 mg/L
90801	1912-Sampled from Wet Well	9/3/2020 8:45	Thursday	TSS	4	8 mg/L
90801	1912-Sampled from Wet Well	9/3/2020 8:45	Thursday	BOD5	2	2.1 mg/L
90800	1912-Sampled from Wet Well	9/4/2020 10:10	Friday	BOD5	200	200 mg/L
90800	1912-Sampled from Wet Well	9/4/2020 10:10	Friday	TSS	4	164 mg/L
90799	1912-Sampled from Wet Well	9/11/2020 9:30	Friday	BOD5	2	1620 mg/L
90799	1912-Sampled from Wet Well	9/11/2020 9:30	Friday	TSS	4	770 mg/L

90798	1912-Sampled from Wet Well	9/16/2020 9:45	Wednesday	BOD5	2	531 mg/L
90798	1912-Sampled from Wet Well	9/16/2020 9:45	Wednesday	TSS	4	128 mg/L
80662	1912-Sampled from Wet Well	9/23/2020 10:35	Wednesday	BOD5	2	228 mg/L
80662	1912-Sampled from Wet Well	9/23/2020 10:35	Wednesday	TSS	4	29 mg/L
50670	1912-Sampled from Wet Well	9/30/2020 8:45	Wednesday	BOD5	2	1500 mg/L
50670	1912-Sampled from Wet Well	9/30/2020 8:45	Wednesday	TSS	4	1640 mg/L
101007	1912-Sampled from Wet Well	10/7/2020 9:30	Wednesday	BOD5	4	200 mg/L
101007	1912-Sampled from Wet Well	10/7/2020 9:30	Wednesday	TSS	200	59 mg/L
101007	1912-Sampled from Wet Well	10/7/2020 9:30	Wednesday	BOD5	4	142 mg/L
101007	1912-Sampled from Wet Well	10/7/2020 9:30	Wednesday	BOD5	2	309 mg/L
101008	1912-Sampled from Wet Well	10/16/2020 9:30	Friday	BOD5	2	40 mg/L
101008	1912-Sampled from Wet Well	10/16/2020 9:30	Friday	TSS	4	600 mg/L
101009	1912-Sampled from Wet Well	10/22/2020 9:30	Thursday	BOD5	2	103 mg/L
101009	1912-Sampled from Wet Well	10/22/2020 9:30	Thursday	TSS	4	567 mg/L
110693	1912-Sampled from Wet Well	10/29/2020 11:30	Thursday	BOD5	2	188 mg/L
110693	1912-Sampled from Wet Well	10/29/2020 11:30	Thursday	TSS	4	490 mg/L
110694	1912-Sampled from Wet Well	11/6/2020 10:00	Friday	BOD5	2	136 mg/L
110694	1912-Sampled from Wet Well	11/6/2020 10:00	Friday	TSS	4	1590 mg/L
110695	1912-Sampled from Wet Well	11/11/2020 9:30	Wednesday	BOD5	2	447 mg/L
110695	1912-Sampled from Wet Well	11/11/2020 9:30	Wednesday	TSS	4	297 mg/L
113039	1912-Sampled from Wet Well	11/18/2020 8:15	Wednesday	BOD5	2	40 mg/L
113039	1912-Sampled from Wet Well	11/18/2020 8:15	Wednesday	TSS	4	246 mg/L
110696	1912-Sampled from Wet Well	11/24/2020 9:00	Tuesday	BOD5	2	102 mg/L
110696	1912-Sampled from Wet Well	11/24/2020 9:00	Tuesday	TSS	4	339 mg/L
101010	1912-Sampled from Wet Well	12/3/2020 10:00	Thursday	BOD5	2	66.7 mg/L
101010	1912-Sampled from Wet Well	12/3/2020 10:00	Thursday	TSS	4	212 mg/L
70497	1912-Sampled from Wet Well	12/30/2020 8:30	Wednesday	BOD5	2	50 mg/L
70497	1912-Sampled from Wet Well	12/30/2020 8:30	Wednesday	TSS	4	406 mg/L
1010936	1912-Sampled from Wet Well	1/7/2021 10:50	Thursday	BOD5	2	93.3 mg/L
1010936	1912-Sampled from Wet Well	1/7/2021 10:50	Thursday	TSS	4	130 mg/L
1010937	1912-Sampled from Wet Well	1/15/2021 9:00	Friday	BOD5	2	24 mg/L
1010937	1912-Sampled from Wet Well	1/15/2021 9:00	Friday	TSS	4	264 mg/L
1010938	1912-Sampled from Wet Well	1/21/2021 9:40	Thursday	BOD5	2	28 mg/L
1010938	1912-Sampled from Wet Well	1/21/2021 9:40	Thursday	TSS	4	361 mg/L
1010935	1912-Sampled from Wet Well	1/28/2021 9:30	Thursday	BOD5	2	48 mg/L
1010935	1912-Sampled from Wet Well	1/28/2021 9:30	Thursday	TSS	4	338 mg/L
1010939	1912-Sampled from Wet Well	2/5/2021 9:00	Friday	BOD5	2	53.3 mg/L
1010939	1912-Sampled from Wet Well	2/5/2021 9:00	Friday	TSS	4	388 mg/L
124492	1912-Sampled from Wet Well	2/11/2021 9:00	Thursday	BOD5	2	88 mg/L
124492	1912-Sampled from Wet Well	2/11/2021 9:00	Thursday	TSS	4	791 mg/L
70498	1912-Sampled from Wet Well	2/24/2021 9:15	Wednesday	BOD5	2	

70498	1912-Sampled from Wet Well	2/24/2021 9:15	Wednesday	TSS	4	132 mg/L
70499	1912-Sampled from Wet Well	2/25/2021 9:15	Thursday	BOD5	2	555 mg/L
70499	1912-Sampled from Wet Well	2/25/2021 9:15	Thursday	TSS	4	134 mg/L
70500	1912-Sampled from Wet Well	3/5/2021 10:00	Friday	BOD5	2	492 mg/L
70500	1912-Sampled from Wet Well	3/5/2021 10:00	Friday	TSS	4	108 mg/L
70501	1912-Sampled from Wet Well	3/10/2021 9:00	Wednesday	BOD5	2	347 mg/L
70501	1912-Sampled from Wet Well	3/10/2021 9:00	Wednesday	TSS	4	36 mg/L
80665	1912-Sampled from Wet Well	3/19/2021 9:00	Friday	BOD5	2	520 mg/L
80665	1912-Sampled from Wet Well	3/19/2021 9:00	Friday	TSS	4	104 mg/L
101006	1912-Sampled from Wet Well	3/26/2021 8:00	Friday	BOD5	2	180 mg/L
101006	1912-Sampled from Wet Well	3/26/2021 8:00	Friday	TSS	4	53.3 mg/L
1800697	1912-Sampled from Wet Well	4/9/2021 8:30	Friday	BOD5	2	287 mg/L
1800697	1912-Sampled from Wet Well	4/9/2021 8:30	Friday	TSS	4	36 mg/L
1D01109	1912-Sampled from Wet Well	4/15/2021 9:30	Thursday	BOD5	2	165 mg/L
1D01109	1912-Sampled from Wet Well	4/15/2021 9:30	Thursday	TSS	4	50 mg/L
1D01111	1912-Sampled from Wet Well	4/23/2021 8:45	Friday	BOD5	2	400 mg/L
1D01111	1912-Sampled from Wet Well	4/23/2021 8:45	Friday	TSS	4	44 mg/L
1D01110	1912-Sampled from Wet Well	4/30/2021 9:00	Friday	BOD5	2	374 mg/L
1D01110	1912-Sampled from Wet Well	4/30/2021 9:00	Friday	TSS	4	62 mg/L
1E00647	1912-Sampled from Wet Well	5/13/2021 9:00	Thursday	BOD5	2	283 mg/L
1E00647	1912-Sampled from Wet Well	5/13/2021 9:00	Thursday	TSS	4	28 mg/L

Date	Day of Week	# Sampling Days	Days	% of time	Ave BOD (mg/L)*	Ave TSS (mg/L)*
11/22/2019	Friday	# Tuesdays	68			
11/27/2019	Wednesday	# Tuesdays	7	10%	731	240
12/5/2019	Thursday	# Wednesdays	16	24%	566	298
12/12/2019	Thursday	# Thursdays	26	38%	659	305
12/18/2019	Wednesday	# Fridays	19	28%	576	405
12/24/2019	Tuesday					
12/31/2019	Tuesday					
1/15/2020	Wednesday					
1/22/2020	Tuesday					
1/30/2020	Thursday					
2/5/2020	Wednesday					
2/20/2020	Thursday					
2/27/2020	Thursday					
3/5/2020	Thursday					
3/13/2020	Friday					
4/8/2020	Wednesday					
4/15/2020	Wednesday					
4/24/2020	Friday					
4/30/2020	Thursday					
5/7/2020	Thursday					
5/19/2020	Tuesday					
5/29/2020	Friday					
6/5/2020	Friday					
6/12/2020	Friday					
6/18/2020	Thursday					
6/26/2020	Friday					
6/30/2020	Tuesday					
7/7/2020	Tuesday					
7/16/2020	Thursday					
7/23/2020	Thursday					
7/30/2020	Thursday					
8/5/2020	Wednesday					
8/13/2020	Thursday					
8/20/2020	Thursday					
8/27/2020	Thursday					
9/3/2020	Thursday					
9/4/2020	Friday					
9/11/2020	Friday					
9/16/2020	Wednesday					

\*Values used to calculate quarterly IPP Surcharge

9/23/2020 Wednesday  
9/30/2020 Wednesday  
10/7/2020 Wednesday  
10/16/2020 Friday  
10/22/2020 Thursday  
10/29/2020 Thursday  
11/6/2020 Friday  
11/11/2020 Wednesday  
11/18/2020 Wednesday  
11/24/2020 Tuesday  
12/3/2020 Thursday  
12/30/2020 Wednesday  
1/7/2021 Thursday  
1/15/2021 Friday  
1/21/2021 Thursday  
1/28/2021 Thursday  
2/5/2021 Friday  
2/11/2021 Thursday  
2/24/2021 Wednesday  
2/25/2021 Thursday  
3/5/2021 Friday  
3/10/2021 Wednesday  
3/19/2021 Friday  
3/26/2021 Friday  
4/9/2021 Friday  
4/15/2021 Thursday  
4/23/2021 Thursday  
4/30/2021 Friday  
5/13/2021 Thursday



### Results Report

Order ID: 0030771

PA American Water - Exeter Wastewater  
400 Hanover Street  
Birdsboro, PA 19508-9181

Project: Birdsboro Kosher Farms - Weekly IPP

Attn: Jim Gable

Regulatory ID:

Sample Number: 0030771-01

Site: I912-Sampled from Wet Well

Sample ID: Wet Well

Collector: RB

Collect Date: 04/08/2020 10:00 am

Sample Type: 24 HC

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<b>Inorganics</b>									
Biochemical Oxygen Demand (5 day BOD)	569	mg/L	SM 5210-B	2.0	1	04/08/20	LEP	04/08/20 16:57	YTM
Chloride	1420	mg/L	EPA 300.0	100	20	04/10/20	EJJ	04/10/20 23:44	EJJ
Total Dissolved Solids (TDS)	2780	mg/L	SM 2540-C	25.0	1	04/11/20	CH	04/11/20 13:10	YBZ
Total Suspended Solids (TSS)	165	mg/L	SM 2540-D	4.0	1	04/12/20	CH	04/12/20 11:12	CH

Sample Number: 0030771-02

Site: I912-Grab - Sampled from Wet Well

Sample ID: Wet Well

Collector: RB

Collect Date: 04/08/2020 10:00 am

Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<b>Inorganics</b>									
Oil and Grease, as HEM	147	mg/L	EPA 1664A	9.1	2	04/14/20	ARP	04/14/20 10:35	SCD

#### Sample Receipt Conditions:

All samples met the sample receipt requirements for the relevant analyses.

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

\* *pH, Final* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

#### Reviewed and Released By:

Arianna Horonzy  
Project Manager

Report Generated On: 04/20/2020 12:20 pm  
STL\_Results Revision #1.9

0030771  
Effective: 04/16/2020





### Chain of Custody Record

1037F MacArthur Road, Reading, PA 19605  
 Phone: 610-375-8378 - Fax: 610-375-4090 - suburbantestinglabs.com

TAT (Circle One): Standard - 24hr - 48hr - 72hr - Other  
 (Additional charges may apply for rush TAT. If not specified, standard TAT will apply.)

ORDER ID: 0030771



<b>Client Name / Address:</b> PA American Water - Township of Exeter 400 Hanover Street Birdsboro, PA 19508-9181  <b>Client Project Manager:</b> Jim Gable	<b>Phone:</b> (610) 582-8300 <b>Fax:</b>	<b>Project Name / Address:</b> Birdsboro Kosher Farms - Weekly IPP  <b>Payment / P.O. Info:</b> Kelly.bothur@amwater.com
---	---	---

Project Description:

Order Comments: Please enter Site ID in Project Number and Purchase Order Field.

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Sample Type	Composite Start Date / Time
0030771-01	I912-Sampled from Wet Well	Wet Well	4/18/20 10:00	RS	Non-potable	24 HC	4/17/20 10:00
<b>Container Type / Preservation</b>		<b>Preservation Check</b>		<b>Analysis - Method</b>			<b>Field Results</b>
1L P BOD	A				<b>Inorganics</b> BOD5 - SM 5210-B Chloride, 300.0 - EPA 300.0 TDS - SM 2540-C TSS - SM 2540-D		
250mL P	B						
500mL P	C						
500mL P	D						
0030771-02	I912-Grab - Sampled from Wet Well	Wet Well	4/18/20 10:00	RS	Non-potable	Grab	4/17/20 10:00
<b>Container Type / Preservation</b>		<b>Preservation Check</b>		<b>Analysis - Method</b>			<b>Field Results</b>
500mL GA & HCl	A				<b>Inorganics</b> Oil & Grease - EPA 1664A pH, Field - SM 4500-H-B		
500mL GA & HCl	B						
Field Services	C						

WKO TAT = 8

Cool Sample(s) to 6 C

<b>Relinquished By:</b> <i>[Signature]</i>	Count	Date: 4/18/20 Time: 1346	Temp (°C): _____	<b>Sample Conditions</b> Number of Containers \ Cooler received matches number on COC? <input checked="" type="checkbox"/> Y/N Sample labels and COC free of discrepancies? <input checked="" type="checkbox"/> Y/N All Containers Intact? <input checked="" type="checkbox"/> Y/N VOC vials for VOA analysis free of headspace, if applicable? <input checked="" type="checkbox"/> Y/N	<b>Sample Type Key</b> G = Grab 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite  D = Distribution E = Entry Point R = Raw C = Check S = Special M = Maximum Residence	<b>Reporting Options</b> <input type="checkbox"/> SDWA Reporting PWSID <input type="checkbox"/> Email <input type="checkbox"/> Other: _____
<b>Received By:</b> <i>[Signature]</i>		Date: _____ Time: _____	Temp (°C): _____			
<b>Relinquished By:</b>		Date: _____ Time: _____	Temp (°C): _____ Acceptable? Y/N			
<b>Received in Lab By:</b> <i>[Signature]</i>	6	Date: 4-20-20 Time: 1346	Temp (°C): 6.1 Acceptable? Y/N			

Signing this form indicates your agreement with STL's Standard Terms and Conditions ([www.suburbantestinglabs.com/resources/standard-terms-and-conditions.html](http://www.suburbantestinglabs.com/resources/standard-terms-and-conditions.html)) unless otherwise specified in writing.  
 vko\_STL\_Pregog\_Is.rpt Arianna Horonzy Date Created: 02/21/2020 12:00 Date Printed: 02/21/2020

0030771

Shaded areas are for STL use only  
 Page 1 of 1



**Results Report**

Order ID: 0043516

PA American Water - Exeter Wastewater  
400 Hanover Street  
Birdsboro, PA 19508-9181

Project: Birdsboro Kosher Farms - Weekly IPP

Attn: Jim Gable

Regulatory ID:

Sample Number: 0043516-01  
Collector: RB

Site: I912-Sampled from Wet Well  
Collect Date: 04/15/2020 10:00 am

Sample ID: Wet Well  
Sample Type: 24 HC

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<b>Inorganics</b>									
Biochemical Oxygen Demand (5 day BOD)	274	mg/L	SM 5210-B	2.0	1	04/15/20	LEP	04/15/20 17:55	DWL
Chloride	274	mg/L	EPA 300.0	100	20	04/18/20	EJJ	04/18/20 3:31	EJJ
Total Dissolved Solids (TDS)	867	mg/L	SM 2540-C	25.0	1	04/18/20	CH	04/18/20 9:00	CH
Total Suspended Solids (TSS)	22.0	mg/L	SM 2540-D	4.0	1	04/16/20	DWL	04/16/20 15:01	YBZ

Sample Number: 0043516-02  
Collector: client

Site: I912-Grab - Sampled from Wet Well  
Collect Date: 04/15/2020 10:00 am

Sample ID: Wet Well  
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<b>Inorganics</b>									
Oil and Grease, as HEM	12.7	mg/L	EPA 1664A	9.1	2	04/21/20	SCD	04/21/20 11:50	SCD

**Sample Receipt Conditions:**

All samples met the sample receipt requirements for the relevant analyses.

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

\* *pH, Final* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

**Reviewed and Released By:**

Arianna Horonzy  
Project Manager

Report Generated On: 04/21/2020 4:38 pm 0043516  
STL\_Results Revision #1.9 Effective: 04/16/2020





# SUBURBAN TESTING LABS

## Chain of Custody Record

1037F MacArthur Road, Reading, PA 19605

Phone: 610-375-8378 - Fax: 610-375-4090 - suburbantestinglabs.com

TAT (Circle One):  
(Additional charges n



0043516

Arianna Horonzy

Client Name / Address:

PA American Water - Township of Exeter  
400 Hanover Street  
Birdsboro, PA 19508-9181

Client Project Manager: Jim Gable

Project Name / Address:

Birdsboro Kosher Farms - Weekly IPP

Payment / P.O. Info:

Phone: (610) 582-8300

Fax:

Project Description:

Order Comments: Please enter Site ID in Project Number and Purchase Order Field.

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Sample Type	Composite Start Date / Time
0011790-01	1912-Sampled from Wet Well	Wet well	4/15/20 9:00 AM	LDY	Non-potable	24 HC	4/14/20 9:55 AM
<b>Container Type / Preservation</b>							
1L P BOD	Preservation Check						
250mL P	A	Inorganics					
Field Services	B	BOD5 - SM 5210-B					
500mL P	C	Chloride, 300.0 - EPA 300.0					
500mL P	D	TDS - SM 2540-C					
	E	TSS - SM 2540-D					
		<b>Unassigned</b>					
		Composite Sampler Retrieval, Flat Rate - SL0015					
		Composite Sampler Setup, Flat Rate - SL0015					



0043516  
Arianna Horonzy

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Type	Start Date/Time								
0011790-02	1912-Grab - Sampled from Wet Well	Wet Well	4/15/20 10 AM		Non-potable	Grab	4/15/20 10 AM								
<table border="1"> <thead> <tr> <th>Container Type / Preservation</th> <th>Preservation Check</th> </tr> </thead> <tbody> <tr> <td>1L GA &amp; HCl at sampling</td> <td>A</td> </tr> <tr> <td>1L GA &amp; HCl at sampling</td> <td>B</td> </tr> <tr> <td>Field Services</td> <td>C</td> </tr> </tbody> </table>								Container Type / Preservation	Preservation Check	1L GA & HCl at sampling	A	1L GA & HCl at sampling	B	Field Services	C
Container Type / Preservation	Preservation Check														
1L GA & HCl at sampling	A														
1L GA & HCl at sampling	B														
Field Services	C														
<b>Analysis - Method</b> <b>Inorganics</b> Oil & Grease - EPA 1664A pH, Field - SM 4500-H-B															
<b>Field Results</b>															

- All samples came in with COC + labels that were already used. I had to treat the COC as a non-pre log. IR

WKO TAT = 8 Cool Sample(s) to 6 C

Relinquished By: <i>[Signature]</i>	Count	Date: 4.15.20	Temp (°C):
Received By:		Time: 1347	
Relinquished By:		Date:	Temp (°C):
Received in Lab By:	6	Time:	Temp (°C):
		Date: 4-15-20	Acceptable: Y/N
		Time: 1347	Acceptable: Y/N

**Sample Conditions**

Number of Containers \ Cooler received matches number on COC? *Y/N*

Sample labels and COC free of discrepancies? *Y/N*

All Containers Intact? *Y/N*

VOC vials for VOA analysis free of headspace, if applicable? *Y/N*

**Sample Type Key**

G = Grab  
 8HC = 8 Hr. Composite  
 24HC = 24 Hr. Composite

D = Distribution  
 E = Entry Point  
 R = Raw  
 C = Check  
 S = Special  
 M = Maximum Residence

**Reporting Options**

SDWA Reporting  
 PWSID  
 Email  
 Other

WKO TAT = 8

Relinquished By: *[Signature]*

Received By:

Relinquished By:

Received in Lab By:

Count: 6

Date: 4.15.20

Time: 1347

Date:

Time:

Date: 4-15-20

Time: 1347

Temp (°C):

Temp (°C):

Temp (°C):

Acceptable: Y/N

Acceptable: Y/N

Acceptable: Y/N

Acceptable: Y/N

Signaling this form indicates your agreement with STL's Standard Terms and Conditions (www.suburbantestinglabs.com/resources/standard-terms-and-conditions.html) unless otherwise specified in writing.

wko\_STL\_Preglog\_Is.rpt Arianna Horonzy Date Created: 01/03/2020 12:00 Date Printed: 01/03/2020 0011790

Shaded areas are for STL use only

Page 3 of 3



**Results Report**

Order ID: 0044796

PA American Water - Exeter Wastewater 400 Hanover Street Birdsboro, PA 19508-9181	Project: Birdsboro Kosher Farms - Weekly IPP
Attn: Jim Gable	Regulatory ID:

Sample Number: 0044796-01	Site: I912-Sampled from Wet Well	Sample ID: Wet Well
Collector: CB	Collect Date: 04/24/2020 9:00 am	Sample Type: 24 HC

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Inorganics</u>									
Biochemical Oxygen Demand (5 day BOD)	556	mg/L	SM 5210-B	2.0	1	04/24/20	TAH	04/24/20 18:09	DWL
Chloride	3790	mg/L	EPA 300.0	100	20	04/28/20	EJJ	04/28/20 3:00	EJJ
Total Dissolved Solids (TDS)	6390	mg/L	SM 2540-C	25.0	1	04/26/20	CH	04/26/20 10:51	CH
Total Suspended Solids (TSS)	62.0	mg/L	SM 2540-D	4.0	1	04/27/20	CH	04/27/20 13:18	CH

Sample Number: 0044796-02	Site: I912-Grab - Sampled from Wet Well	Sample ID: Wet Well
Collector: CB	Collect Date: 04/24/2020 9:00 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Inorganics</u>									
Oil and Grease, as HEM	63.5	mg/L	EPA 1664A	4.8	1	05/04/20	SCD	05/04/20 14:09	MKR

**Sample Receipt Conditions:**  
All samples meet the sample receipt requirements for the relevant analyses.

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

\**pH, Final* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

**Reviewed and Released By:**

Arianna Horonzy  
Project Manager

Report Generated On: 05/04/2020 4:35 pm 0044796  
STL\_Results Revision #1.9 Effective: 04/16/2020





# Chain of Custody Record

1037F MacArthur Road, Reading, PA 19605  
Phone: 610-375-8378 - Fax: 610-375-4090 - suburbantestinglabs.com



0044796  
Arianna Horonzy

Client Name / Address: PA American Water - Township of Exeter 400 Hanover Street Birdsboro, PA 19508-9181 Client Project Manager: Jim Gable	Project Name / Address: Birdsboro Kosher Farms - Weekly IPP Payment / P.O. Info:
---	--

Project Description:

Order Comments: Please enter Site ID in Project Number and Purchase Order Field.

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Sample Type	Composite Start Date / Time
0011789-01	1912-Sampled from Wet Well	Netwell	4/24/20 9AM	CB	Non-potable	24 HC	4/23/20 9AM
Container Type / Preservation							
1L P BOD	A						
250mL P	B						
Field Services	C						
500mL P	D						
500mL P	E						
Analysis - Method							
<b>Inorganics</b> BOD5 - SM 5210-B Chloride, 300.0 - EPA 300.0 TDS - SM 2540-C TSS - SM 2540-D <b>Unassigned</b> Composite Sampler Retrieval, Flat Rate - SL0015 Composite Sampler Setup, Flat Rate - SL0015							

\* COC # WAS A PREVIOUSLY LOGGED COC, COPIED CHAIN AND LOGGED WITH A NEW SAMPLE ID  
 Jmp 4/24/2020



0044796

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Sample Type	Composite Start Date / Time
0011789-02	1912-Grab - Sampled from Wet Well	Wet well	4/23/20 9 AM	CB	Non-potable	Grab	4/23/20 9 AM
Container Type / Preservation				Analysis - Method			
1L GA & HCl at sampling				Inorganics			
1L GA & HCl at sampling				Oil & Grease - EPA 1664A			
Field Services				pH, Field - SM 4500-H-B			

Count	Temp (°C)
6	17

WKO TAT = 8 Cool Sample(s) to 6 C

Relinquished By: <i>CB</i>	Date: 4-23-20	Time: 9:17	Temp (°C):
Received By:	Date:	Time:	Temp (°C):
Relinquished By:	Date:	Time:	Temp (°C):
Received in Lab By: <i>CB</i>	Date: 4-23-20	Time: 11-17	Temp (°C):

Sample Conditions Number of Containers / Cooler received matches number on COC? <input checked="" type="radio"/> Y <input type="radio"/> N Sample labels and COC free of discrepancies? <input checked="" type="radio"/> Y <input type="radio"/> N All Containers Intact? <input checked="" type="radio"/> Y <input type="radio"/> N VOC vials for VOA analysis free of headspace, if applicable? <input checked="" type="radio"/> Y <input type="radio"/> N	Sample Type Key G = Grab 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite D = Distribution S = Entry Point R = Raw C = Check S = Special M = Maximum Residence	Reporting Options <input type="checkbox"/> SDWA Reporting <input type="checkbox"/> PWSID <input type="checkbox"/> Email <input type="checkbox"/> Other
--	--	--

Shaded areas are for STL use only  
 Page 2 of 2  
 0011789  
 Date Created: 01/03/2020 12:00  
 Date Printed: 01/03/2020  
 Signing this form indicates your agreement with STL's Standard Terms and Conditions (www.suburbantestinglabs.com/resources/standard-terms-and-conditions.htm) unless otherwise specified in writing.  
 wko\_STL\_Prelog\_Is.rpt  
 Arianna Horonzy



**Results Report**

Order ID: 0045071

PA American Water - Exeter Wastewater  
400 Hanover Street  
Birdsboro, PA 19508-9181

Project: Birdsboro Kosher Farms - Weekly IPP

Attn: Jim Gable

Regulatory ID:

Sample Number: 0045071-01  
Collector: RB

Site: I912-Sampled from Wet Well  
Collect Date: 04/30/2020 9:30 am

Sample ID: Wet Well  
Sample Type: 24 HC

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<b>Inorganics</b>									
Biochemical Oxygen Demand (5 day BOD)	322	mg/L	SM 5210-B	2.0	1	04/30/20	TAH	04/30/20 16:23	DWL
Chloride	3630	mg/L	EPA 300.0	100	20	05/08/20	EJJ	05/08/20 8:09	EJJ
Total Dissolved Solids (TDS)	6150	mg/L	SM 2540-C	25.0	1	05/02/20	CH	05/02/20 8:40	YBZ
Total Suspended Solids (TSS)	52.0	mg/L	SM 2540-D	4.0	1	05/04/20	CH	05/04/20 12:55	CH

Sample Number: 0045071-02  
Collector: RB

Site: I912-Grab - Sampled from Wet Well  
Collect Date: 04/30/2020 9:30 am

Sample ID: Wet Well  
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<b>Inorganics</b>									
Oil and Grease, as HEM	232	mg/L	EPA 1664A	9.1	2	05/05/20	SCD	05/05/20 11:45	SCD

**Sample Receipt Conditions:**

All samples met the sample receipt requirements for the relevant analyses.

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

\* *pH, Final* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

**Reviewed and Released By:**

Arianna Horonzy  
Project Manager

Report Generated On: 05/08/2020 3:42 pm 0045071  
STL\_Results Revision #1.9 Effective: 04/16/2020

**SUBURBAN TESTING LABS**

1037F MacArthur Road, Reading, PA 19605 Phone: 610-375-TEST Fax: 610-375-4090 suburbantestinglabs.com



PA DEP # 06-00208  
NJDEP # PA081



### Chain of Custody Record

1037F MacArthur Road, Reading, PA 19605  
 Phone: 610-375-8378 - Fax: 610-375-4090 - suburbantestinglabs.com

TA: \_\_\_\_\_ 24hr - 48hr - 72hr - Other \_\_\_\_\_



0045071  
Arianna Horonzy

<b>Client Name / Address:</b> PA American Water - Township of Exeter 400 Hanover Street Birdsboro, PA 19508-9181	<b>Phone:</b> (610) 582-8300 <b>Fax:</b>	<b>Project Name / Address:</b> Birdsboro Kosher Farms - Weekly IPP
<b>Client Project Manager:</b> Jim Gable		<b>Payment / P.O. Info:</b>

Project Description:

Order Comments: Please enter Site ID in Project Number and Purchase Order Field.

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Sample Type	Composite Start Date / Time
0011788-01	I912-Sampled from Wet Well	Wet Well	1-30-20 9:30	125	Non-potable	24 HC	1-29-20 9:30

Container Type / Preservation	Preservation Check
1L P BOD	A
250mL P	B
Field Services	C
500mL P	D
500mL P	E

Analysis - Method	Field Results
<b>Inorganics</b> BOD5 - SM 5210-B Chloride, 300.0 - EPA 300.0 TDS - SM 2540-C TSS - SM 2540-D	
<b>Unassigned</b> Composite Sampler Retrieval, Flat Rate - SL0015 Composite Sampler Setup, Flat Rate - SL0015	



0045071  
Arianna Horonzy

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Mt.	Non-potable	Grab	Field Results
0011788-02	I912-Grab - Sampled from Wet Well	Wet Well	4-30-20 9:30	RB				4-29-20 9:30
<b>Container Type / Preservation</b>		<b>Preservation Check</b>		<b>Analysis - Method</b>			<b>Field Results</b>	
1L GA & HCl at sampling		A		<b>Inorganics</b> Oil & Grease - EPA 1664A pH, Field - SM 4500-H-B				
1L GA & HCl at sampling		B						
Field Services		C						

WKO TAT = 8

Cool Sample(s) to 6 C

Relinquished By: <i>Ryabuska</i>	Count	Date: 4-30-20 Time: 10:20	Temp (°C):	<b>Sample Conditions</b> Number of Containers \ Cooler received matches number on COC? <i>Y/N</i> Sample labels and COC free of discrepancies? <i>Y/N</i> All Containers Intact? <i>Y/N</i> VOC vials for VOA analysis free of headspace, if applicable? <i>Y/N</i>	<b>Sample Type Key</b> G = Grab 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite D = Distribution S = Entry Point R = Raw C = Check S = Special M = Maximum Residence	<b>Reporting Options</b> <input type="checkbox"/> SDWA Reporting PWSID <input type="checkbox"/> Email <input type="checkbox"/> Other
Received By:	Date:	Temp (°C):				
Relinquished By:	Date:	Temp (°C):	Acceptable: ? <i>Y/N</i>	VOC vials for VOA analysis free of headspace, if applicable? <i>Y/N</i>		
Received in Lab By: <i>LPH</i>	Count: <i>6</i>	Date: 4/30/20 Time: 11:00	Temp (°C): <i>4.6</i> Acceptable: ? <i>Y/N</i>			

Signing this form indicates your agreement with STL's Standard Terms and Conditions (www.suburbantestinglabs.com/resources/standard-terms-and-conditions.html) unless otherwise specified in writing.

wko\_STL\_Prelag\_Is.rpt

Arianna Horonzy

Date Created: 01/03/2020 12:00

Date Printed: 01/03/2020

0011788

Shaded areas are for STL use only  
Page 2 of 2



**Results Report**

Order ID: 0052089

PA American Water - Exeter Wastewater 400 Hanover Street Birdsboro, PA 19508-9181	Project: Birdsboro Kosher Farms - Weekly IPP
Attn: Jim Gable	Regulatory ID:

Sample Number: 0052089-01	Site: I912-Sampled from Wet Well	Sample ID: Wet Well
Collector: CRI	Collect Date: 05/07/2020 9:30 am	Sample Type: 24 HC

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<b>Inorganics</b>									
Biochemical Oxygen Demand (5 day BOD)	939	mg/L	SM 5210-B	2.0	1	05/07/20	MCJ	05/07/20 16:26	DWL
Chloride	4020	mg/L	EPA 300.0	100	20	05/09/20	EJJ	05/09/20 4:26	EJJ
Total Dissolved Solids (TDS)	6510	mg/L	SM 2540-C	25.0	1	05/09/20	CH	05/09/20 9:08	YBZ
Total Suspended Solids (TSS)	550	mg/L	SM 2540-D	4.0	1	05/11/20	YBZ	05/11/20 14:22	YBZ

Sample Number: 0052089-02	Site: I912-Grab - Sampled from Wet Well	Sample ID: Wet Well
Collector: CRJ	Collect Date: 05/07/2020 9:30 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<b>Inorganics</b>									
Oil and Grease, as HEM	179	mg/L	EPA 1664A	9.1	2	05/12/20	SCD	05/12/20 11:00	SCD

**Sample Receipt Conditions:**  
 Sample(s) received with incomplete Chain of Custody form. At a minimum, Chain of Custody forms must contain a description of the sample location, matrix, the date and time of collection, the collector(s) initials or name, and the testing requested.

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

\**pH, Final* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

**Reviewed and Released By:**

Arianna Horonzy  
Project Manager

Report Generated On: 05/13/2020 2:25 pm 0052089  
 STL\_Results Revision #1.9 Effective: 04/16/2020





### Chain of Custody Record

1037F MacArthur Road, Reading, PA 19605  
 Phone: 610-375-8378 - Fax: 610-375-4090 - suburbantestinglabs.c



0052089  
 Arianna Horonzy

<b>Client Name / Address:</b> PA American Water - Township of Exeter 400 Hanover Street Birdsboro, PA 19508-9181  <b>Client Project Manager:</b> Jim Gable	<b>Phone:</b> (610) 582-8300 <b>Fax:</b>	<b>Project Name / Address:</b> Birdsboro Kosher Farms - Weekly IPP  <b>Payment / P.O. Info:</b>
---	---	--

Project Description:

Order Comments: Please enter Site ID in Project Number and Purchase Order Field.

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Sample Type	Composite Start Date / Time
0011787-01	1912-Sampled from Wet Well	Wet well	5/1/20 9:20 AM	CRB	Non-potable	24 HC	5/6/20 9:25 AM
<b>Container Type / Preservation</b>		<b>Preservation Check</b>		<b>Analysis - Method</b>			<b>Field Results</b>
1L P BOD		A		<b>Inorganics</b> BOD5 - SM 5210-B Chloride, 300.0 - EPA 300.0 TDS - SM 2540-C TSS - SM 2540-D  <b>Unassigned</b> Composite Sampler Retrieval, Flat Rate - SL0015 Composite Sampler Setup, Flat Rate - SL0015			
250mL P		B					
Field Services		C					
500mL P		D					
500mL P		E					



0052089  
Arianna Horozny

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Non-potable	Grab	Field Results
0011787-02	1912-Grab - Sampled from Wet Well	Wetwell	5/7/20 9:30 AM	CRW			5/7/20 9:30 AM
Container Type / Preservation		Preservation Check		Analysis - Method		Field Results	
1L GA & HCl at sampling 500 mL GA		A		Inorganics Oil & Grease - EPA 1664A pH, Field - SM 4500-H-B			
1L GA & HCl at sampling 500 mL GA		B					
Field Services		C					

*COC was already used. [Signature]*

WKO TAT = 8

Cool Sample(s) to 6 C

Relinquished By:	Count	Date: 5-7-20	Temp (°C):	Sample Conditions Number of Containers \ Cooler received matches number on COC? Sample labels and COC free of discrepancies? All Containers Intact? VOC vials for VOA analysis free of headspace, if applicable?	Sample Type Key G = Grab 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite D = Distribution E = Entry Point R = Raw C = Check S = Special M = Maximum Residence	Reporting Options <input type="checkbox"/> SDWA Reporting PWSID <input type="checkbox"/> Email <input type="checkbox"/> Other
Received By:		Time: 1316	Temp (°C):			
Relinquished By:		Date:	Temp (°C):	Y/N Y/N Y/N		
Received in Lab By:	6	Date: 5-7-20	Temp (°C): 5.1			
		Time: 1316	Acceptable?: Y/N			

Signing this form indicates your agreement with STL's Standard Terms and Conditions (www.suburbanestinglabs.com/resources/standard-terms-and-conditions.html) unless otherwise specified in writing.  
wko\_STL\_Prellog\_Is.rpt Arianna Horozny Date Created: 01/03/2020 12:00 Date Printed: 01/03/2020 0011787

Shaded areas are for STL use only  
Page 2 of 2



**Results Report**

Order ID: 0050666

PA American Water - Exeter Wastewater  
400 Hanover Street  
Birdsboro, PA 19508-9181

Project: Birdsboro-Kosher Farms - Weekly IPP

Attn: Jim Gable

Regulatory ID:

Sample Number: 0050666-01  
Collector: CR4

Site: I912-Sampled from Wet Well  
Collect Date: 06/30/2020 10:00 am

Sample ID: Wet Well  
Sample Type: 24 HC

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<b>Inorganics</b>									
Biochemical Oxygen Demand (5 day BOD)	424	mg/L	SM 5210-B	2.0	1	06/30/20	MCJ	06/30/20 18:38	DSM
Chloride	1500	mg/L	EPA 300.0	100	20	07/06/20	EJJ	07/06/20 17:03	EJJ
Total Dissolved Solids (TDS)	2630	mg/L	SM 2540-C	25.0	1	07/02/20	CH	07/02/20 9:44	CH
Total Suspended Solids (TSS)	177	mg/L	SM 2540-D	4.0	1	07/01/20	CH	07/01/20 13:15	CJ

Sample Number: 0050666-02  
Collector: CR4

Site: I912-Grab - Sampled from Wet Well  
Collect Date: 06/30/2020 10:00 am

Sample ID: Wet Well  
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<b>Inorganics</b>									
Oil and Grease, as HEM	29.8	mg/L	EPA 1664A	9.4	2	07/06/20	MKR	07/06/20 13:01	MKR

**Sample Receipt Conditions:**

All samples met the sample receipt requirements for the relevant analyses.

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

\**pH, Final* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

**Reviewed and Released By:**

Ryan F Knerr  
Project Manager II

Report Generated On: 07/08/2020 2:04 pm 0050666  
STL\_Results Revision #1.9 Effective: 04/16/2020





# Chain of Custody Record

1037F MacArthur Road, Reading, PA 19605  
 Phone: 610-375-8378 - Fax: 610-375-4090 - suburbantestinglabs.com

TAT (Circle One): Standard - 24hr - 48hr - 72hr - Other  
 (Additional charges may apply for rush TAT. If not specified, standard TAT will apply.)

ORDER ID: 0050666



Client Name / Address: PA American Water - Exeter Wastewater 400 Hanover Street Birdsboro, PA 19508-9181 Client Project Manager: Jim Gable	Project Name / Address: Birdsboro Koshier Farms - Weekly IPP Payment / P.O. Info:
Phone: (610) 582-8300 Fax:	

Project Description:

Order Comments: Please enter Site ID in Project Number and Purchase Order Field.

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Sample Type	Composite Start Date / Time
0050666-01	1912-Sampled from Wet Well	Wet Well	6-30-20 10 AM	CR IV	Non-potable	24 HC	6-30-20 9:55 AM

**Preservation Check**

1L P BOD	A
250mL P	B
500mL P	C
500mL P	D

**Inorganics**  
 BOD5 - SM 5210-B  
 Chloride, 300.0 - EPA 300.0  
 TDS - SM 2540-C  
 TSS - SM 2540-D

0050666-02	1912-Grab - Sampled from Wet Well	Wet Well	6-30-20 10 AM	CR III	Non-potable	Grab	6-30-20 10 AM
------------	-----------------------------------	----------	---------------	--------	-------------	------	---------------

**Preservation Check**

500mL GA & HCl	A
500mL GA & HCl	B

**Inorganics**  
 Oil & Grease - EPA 1664A

WKO TAT = 8

Cool Sample(s) to 6 C

Relinquished By: <i>[Signature]</i>	Date: 6-30-20	Temp (°C):
Received By: <i>[Signature]</i>	Time: 11:33	Temp (°C):
Relinquished By:	Date:	Temp (°C):
Received in Lab By: <i>[Signature]</i>	Time: 11:33	Temp (°C):
	Date: 6-30-20	Acceptable? Y/N
	Time: 11:33	Acceptable? Y/N

**Sample Conditions**  
 Number of Containers \ Cooler received matches number on COC? *Y/N*  
 Sample labels and COC free of discrepancies? *Y/N*  
 All Containers intact? *Y/N*  
 VOC vials for VOA analysis free of headspace, if applicable? *Y/N*

**Sample Type Key**  
 G = Grab  
 8HC = 8 Hr. Composite  
 24HC = 24 Hr. Composite

**Reporting Options**  
 SDWA Reporting  
 PWSID  
 Email  
 Other

Signing this form indicates your agreement with STL's Standard Terms and Conditions (www.suburbantestinglabs.com/resources/standard-terms-and-conditions.html) unless otherwise specified in writing.

wko\_STL\_Preqo\_Is.rpt

Antanna Horonzy

Date Created: 04/15/2020 12:00

Date Printed: 04/15/2020

0050666

Shaded areas are for STL use only.



**Results Report**

Order ID: 0041060

PA American Water - Exeter Wastewater  
400 Hanover Street  
Birdsboro, PA 19508-9181

Project: Birdsboro Kosher Farms - Weekly IPP

Attn: Jim Gable

Regulatory ID:

Sample Number: 0041060-01  
Collector: RB

Site: I912-Sampled from Wet Well  
Collect Date: 05/19/2020 9:00 am

Sample ID: Wet Well  
Sample Type: 24 HC

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Inorganics</u>									
Biochemical Oxygen Demand (5 day BOD)	346	mg/L	SM 5210-B	2.0	1	05/20/20	MCJ	05/20/20 16:49	MCJ
Chloride	3320	mg/L	EPA 300.0	100	20	06/11/20	EJJ	06/11/20 1:28	EJJ
Total Dissolved Solids (TDS)	6020	mg/L	SM 2540-C	25.0	1	05/23/20	CH	05/23/20 8:33	CH
Total Suspended Solids (TSS)	56.0	mg/L	SM 2540-D	4.0	1	05/22/20	YBZ	05/22/20 12:34	CH

Sample Number: 0041060-02  
Collector: RB

Site: I912-Grab - Sampled from Wet Well  
Collect Date: 05/19/2020 9:00 am

Sample ID: Wet Well  
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Inorganics</u>									
Oil and Grease, as HEM	157	mg/L	EPA 1664A	9.1	2	06/01/20	SCD	06/01/20 9:45	SCD

**Sample Receipt Conditions:**

All samples met the sample receipt requirements for the relevant analyses.

The test *pH<sub>Lab</sub>* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

\**pH<sub>Final</sub>* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

**Reviewed and Released By:**

Arianna Horonzy  
Project Manager

Report Generated On: 06/11/2020 3:16 pm 0041060  
STL\_Results Revision #1.9 Effective: 04/16/2020





# SUBURBAN TESTING LABS

## Chain of Custody Record

1037F MacArthur Road, Reading, PA 19605  
Phone: 610-375-8378 - Fax: 610-375-4090 - suburbantestinglabs.com

TAT (Circle One): Standard - 24hr - 48hr - 72hr - Other  
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply.)

ORDER ID: 0041060



Client Name / Address:  
PA American Water - Township of Exeter  
400 Hanover Street  
Birdsboro, PA 19508-9181  
Client Project Manager: Jim Gable

Phone: (610) 582-8300  
Fax:

Project Name / Address:  
Birdsboro Kosher Farms - Weekly JPP

Payment / P.O. Info: Kelly.bothur@amwater.com

Project Description:

Order Comments: Please enter Site ID in Project Number and Purchase Order Field.

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Sample Type	Composite Start Date / Time	Field Results
0041060-01	1912-Sampled from Wet Well	Wet Well	5/19/20 9:00	JS	Non-potable	24 HC	5/19/20 9:00	
Container Type / Preservation								
1LP BOD	Preservation Check							
250mL P	A							
500mL P	B							
500mL P	C							
500mL P	D							
Analysis - Method								
<b>Inorganics</b> BOD5 - SM 5210-B Chloride, 300.0 - EPA 300.0 TDS - SM 2540-C TSS - SM 2540-D								
0041060-02	1912-Grab - Sampled from Wet Well	Wet Well	5/19/20 9:00	JS	Non-potable	Grab	5/19/20 9:00	
Container Type / Preservation								
500mL GA & HCl	Preservation Check							
500mL GA & HCl	A							
	B							
Analysis - Method								
<b>Inorganics</b> Oil & Grease - EPA 1664A								

18

WKO TAT = 8

Cool Sample(s) to 6 C

Relinquished By: *[Signature]* Count

Received By: *[Signature]* Date: 5-19-20 Time: 1312 Temp (°C):

Relinquished By: Date: Time: Temp (°C):

Received in Lab By: *[Signature]* Date: 5-19-2020 Time: 1312 Temp (°C): 4.6 Acceptable: Y/N

Temp (°C): Acceptable: Y/N

**Sample Conditions**

Number of Containers: 1 Cooler received matches number on COC?  Y  N

Sample labels and COC free of discrepancies?  Y  N

All Containers Intact?  Y  N

VOC vials for VOA analysis free of headspace, if applicable?  Y  N

**Sample Type Key**

G = Grab  
8HC = 8 Hr. Composite  
24HC = 24 Hr. Composite

D = Distribution  
E = Entry Point  
R = Raw  
C = Check  
S = Special  
M = Maximum Residence

**Reporting Options**

SDWA Reporting  
 PWSID  
 Email  
 Other

Signing this form indicates your agreement with STL's Standard Terms and Conditions (www.suburbantestinglabs.com/resources/standard-terms-and-conditions.html) unless otherwise specified in writing.  
wko\_STL\_Prelg\_ls\_rpt Arianna Horonzy Date Created: 03/25/2020 12:00 Date Printed: 03/25/2020



**Results Report**

Order ID: 0041061

PA American Water - Exeter Wastewater  
400 Hanover Street  
Birdsboro, PA 19508-9181

Project: Birdsboro Kosher Farms - Weekly IPP

Attn: Jim Gable

Regulatory ID:

Sample Number: 0041061-01  
Collector: CR4

Site: I912-Sampled from Wet Well  
Collect Date: 05/29/2020 12:00 pm

Sample ID: Wet well  
Sample Type: 24 HC

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<b>Inorganics</b>									
Biochemical Oxygen Demand (5 day BOD)	713	mg/L	SM 5210-B	2.0	1	05/29/20	MCJ	05/29/20 19:35	LEP
Chloride	315	mg/L	EPA 300.0	100	20	06/04/20	EJJ	06/04/20 22:37	EJJ
Total Dissolved Solids (TDS)	1070	mg/L	SM 2540-C	25.0	1	06/01/20	DWL	06/01/20 14:08	YBZ
Total Suspended Solids (TSS)	368	mg/L	SM 2540-D	4.0	1	06/04/20	GMP	06/04/20 13:32	ZJH

Sample Number: 0041061-02  
Collector: CR4

Site: I912-Grab - Sampled from Wet Well  
Collect Date: 05/29/2020 12:00 pm

Sample ID: Wet well  
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<b>Inorganics</b>									
Oil and Grease, as HEM	24.7	mg/L	EPA 1664A	9.1	2	06/09/20	SCD	06/09/20 11:45	SCD

**Sample Receipt Conditions:**

All samples met the sample receipt requirements for the relevant analyses.

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

\* *pH, Final* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

**Reviewed and Released By:**

Arianna Horonzy  
Project Manager

Report Generated On: 06/09/2020 4:37 pm      0041061  
STL\_Results Revision #1.9      Effective: 04/16/2020



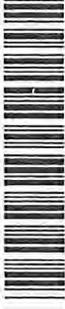


# Chain of Custody Record

1037F MacArthur Road, Reading, PA 19605  
 Phone: 610-375-8378 - Fax: 610-375-4090 - suburbantestinglabs.com

TAT (Circle One): Standard - 24hr - 48hr - 72hr - Other  
 (Additional charges may apply for rush TAT. If not specified, standard TAT will apply.)

ORDER ID: 0041061



Client Name / Address: PA American Water - Township of Exeter 400 Hanover Street Birdsboro, PA 19508-9181 Client Project Manager: Jim Gable	Project Name / Address: Birdsboro Kosher Farms - Weekly IPP Payment / P.O. Info: Kelly.bothur@amwater.com
Phone: (610) 582-8300 Fax:	

Project Description:

Order Comments: Please enter Site ID in Project Number and Purchase Order Field.

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Sample Type	Composite Start Date / Time
0041061-01	1912-Sampled from Wet Well	wet well	5/25/20 12:00 pm	CR	Non-potable	24 HC	5/25/20 1:55
<b>Container Type / Preservation</b>							
1LP BOD	A						
250mL P	B						
500mL P	C						
500mL P	D						

**Inorganics**  
 BOD5 - SM 5210-B  
 Chloride, 300.0 - EPA 300.0  
 TDS - SM 2540-C  
 TSS - SM 2540-D

Container Type / Preservation	Preservation Check	Analysis - Method	Field Results
0041061-02 1912-Grab - Sampled from Wet Well	5/24/20 12:00 pm	Non-potable	5/24/20 12:00 pm
<b>Inorganics</b> Oil & Grease - EPA 1664A			
500mL GA & HCl			
500mL GA & HCl			

WKO TAT = 8

Cool Sample(s) to 6 C

Relinquished By:	<i>afly</i>	Date:	Temp (°C):	
Received By:		Time:	Temp (°C):	
Relinquished By:		Date:	Temp (°C):	
Received in Lab By:	<i>afly</i>	Time:	Acceptable: ?	Y / N
		Date: 5/29/20	Temp (°C): 10.5	
		Time: 1412	Acceptable: ?	Y / N

<b>Sample Conditions</b> Number of Containers \ Cooler received matches number on COC? Sample labels and COC free of discrepancies? / N All Containers Intact? VOC vials for VOA analysis free of headspace, if applicable?	<b>Sample Type Key</b> G = Grab 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite D = Distribution E = Entry Point R = Raw W = Check S = Special M = Maximum Residence
---	---

<b>Reporting Options</b> <input type="checkbox"/> SDWA Reporting <input type="checkbox"/> PWSID <input type="checkbox"/> Email <input type="checkbox"/> Other	
---	--



**Results Report**

Order ID: 0041062

PA American Water - Exeter Wastewater 400 Hanover Street Birdsboro, PA 19508-9181  Attn: Jim Gable	Project: Birdsboro Kosher Farms - Weekly IPP   Regulatory ID:
--	--

Sample Number: 0041062-01	Site: I912-Sampled from Wet Well	Sample ID: Wet Well
Collector: CRE	Collect Date: 06/05/2020 10:00 am	Sample Type: 24 HC

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By	
<b>Inorganics</b>										
Biochemical Oxygen Demand (5 day BOD)	> 2154.05	B2, G1	mg/L	SM 5210-B	2.0	1	06/06/20	DSM	06/06/20 11:01	LEP
Chloride	791		mg/L	EPA 300.0	100	20	06/10/20	EJJ	06/10/20 6:10	EJJ
Total Dissolved Solids (TDS)	1800		mg/L	SM 2540-C	25.0	1	06/09/20	CH	06/09/20 13:01	DWL
<b>TSS</b>										
Total Suspended Solids (TSS)	2560	X	mg/L	SM 2540-D	4.0	1	06/10/20	LEP	06/10/20 21:18	GMP
Total Suspended Solids (TSS)	2460	H	mg/L	SM 2540-D	4.0	1	06/12/20	CJ	06/12/20 15:35	GMP

Sample Number: 0041062-02	Site: I912-Grab - Sampled from Wet Well	Sample ID: Wet Well
Collector: CRE	Collect Date: 06/05/2020 10:00 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By	
<b>Inorganics</b>										
Oil and Grease, as HEM	125		mg/L	EPA 1664A	9.1	2	06/16/20	SCD	06/16/20 11:10	SCD

**Data Qualifiers:**

B2 The uptake of the Dilution water blank was above the method acceptance limits of 0.2mg/L indicating possible high bias in the sample, however the uptake was less than 10% of the value in the dilution(s) used to calculate the final result.

G1 The GGA Standard for the analysis batch associated with this sample was below the established acceptance criteria. Results may be biased low.

H Hold time was exceeded for this analysis.

X Sample drying time was < 16hrs as per method requirement, samples dried for 15hr 11min.

**Sample Receipt Conditions:**

All samples met the sample receipt requirements for the relevant analyses.

Report Generated On: 06/17/2020 1:20 pm      0041062  
 STL\_Results Revision #1.9      Effective: 04/16/2020





# SUBURBAN TESTING LABS

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

\* *pH, Final* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

**Reviewed and Released By:**

Arianna Horonzy  
Project Manager

Report Generated On: 06/17/2020 1:20 pm 0041062  
STL\_Results Revision #1.9 Effective: 04/16/2020



# SUBURBAN TESTING LABS

## Chain of Custody Record

1037F MacArthur Road, Reading, PA 19605  
 Phone: 610-375-8378 - Fax: 610-375-4090 - suburbantestinglabs.com

TAT (Circle One): Standard - 24hr - 48hr - 72hr - Other  
 (Additional charges may apply for rush TAT. If not specified, standard TAT will apply.)

ORDER ID: 0041062



Client Name / Address: PA American Water - Township of Exeter 400 Hanover Street Birdsboro, PA 19508-9181	Phone: (610) 582-8300 Fax:	Project Name / Address: Birdsboro Kosher Farms - Weekly IPP
Client Project Manager: Jim Gable		Payment / P.O. Info: Kelly.bothur@amwater.com

Project Description:

Order Comments: Please enter Site ID in Project Number and Purchase Order Field.

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Sample Type	Composite Start Date / Time
0041062-01	1912-Sampled from Wet Well	WET well	6-5-20 10 AM	JKS	Non-potable	24 HC	6-4-20 9:55 AM
Container Type / Preservation							
1L P BOD	A						
250mL P	B						
500mL P	C						
500mL P	D						

**Inorganics**  
 BOD5 - SM 5210-B  
 Chloride, 300.0 - EPA 300.0  
 TDS - SM 2540-C  
 TSS - SM 2540-D

Container Type / Preservation	Analysis - Method	Field Results
0041062-02 1912-Grab - Sampled from Wet Well	Non-potable	6-5-20 10 AM
Preservation Check		
500mL GA & HCl	Oil & Grease - EPA 1664A	6-5-20 10 AM
500mL GA & HCl		

WKO TAT = 8

Cool Sample(s) to 6 C

Relinquished By: <i>[Signature]</i>	Count: 6	Date: 6-5-20	Temp (°C):
Received By: <i>[Signature]</i>		Time: 15:00	
Relinquished By:		Date:	Temp (°C):
		Time:	Acceptable? Y/N
Received in Lab By: <i>[Signature]</i>	0	Date: 6-5-20	Temp (°C): 5.5
		Time: 15:00	Acceptable: Y/N

Reporting Options	Sample Type Key
<input type="checkbox"/> SDWA Reporting	G = Grab
<input type="checkbox"/> Email	8HC = 8 Hr. Composite
<input type="checkbox"/> Other	24HC = 24 Hr. Composite
	D = Distribution
	S = Entry Point
	R = Raw
	C = Check
	S = Special
	M = Maximum Residence

Sample Conditions	Sample Type Key
Number of Containers / Cooler received matches number on COC? <i>Y/N</i>	G = Grab
Sample labels and COC free of discrepancies? <i>Y/N</i>	8HC = 8 Hr. Composite
All Containers Intact? <i>Y/N</i>	24HC = 24 Hr. Composite
VOX vials for VOA analysis free of headspace, if applicable? <i>Y/N</i>	D = Distribution
	S = Entry Point
	R = Raw
	C = Check
	S = Special
	M = Maximum Residence

Signing this form indicates your agreement with STL's Standard Terms and Conditions (www.suburbantestinglabs.com/resources/standard-terms-and-conditions.html) unless otherwise specified in writing.

wko\_STL\_Prefog\_Is\_rpt

Adrianna Horonzy

Date Created: 03/25/2020 12:00

Date Printed: 03/25/2020

0041062

Shaded areas are for S

Page 3 of 3

Page 1 of 1



**Results Report**

Order ID: 0041063

PA American Water - Exeter Wastewater  
400 Hanover Street  
Birdsboro, PA 19508-9181

Project: Birdsboro Kosher Farms - Weekly IPP

Attn: Jim Gable

Regulatory ID:

Sample Number: 0041063-01  
Collector: CR JR

Site: I912-Sampled from Wet Well  
Collect Date: 06/12/2020 10:00 am

Sample ID: Wet Well  
Sample Type: 24 HC

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<b>Inorganics</b>									
Biochemical Oxygen Demand (5 day BOD)	752	mg/L	SM 5210-B	2.0	1	06/13/20	TAH	06/13/20 16:51	YBZ
Chloride	627	mg/L	EPA 300.0	100	20	06/15/20	EJJ	06/15/20 20:08	EJJ
Total Dissolved Solids (TDS)	1640	mg/L	SM 2540-C	25.0	1	06/16/20	CH	06/16/20 9:40	CH
Total Suspended Solids (TSS)	174	mg/L	SM 2540-D	4.0	1	06/17/20	CJ	06/17/20 10:01	GMP

Sample Number: 0041063-02  
Collector: CR JR

Site: I912-Grab - Sampled from Wet Well  
Collect Date: 06/12/2020 10:00 am

Sample ID: Wet Well  
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<b>Inorganics</b>									
Oil and Grease, as HEM	35.0	mg/L	EPA 1664A	10.0	2	06/24/20	ARP	06/24/20 10:55	ARP

**Sample Receipt Conditions:**

All samples met the sample receipt requirements for the relevant analyses.

The test *pH<sub>Lab</sub>* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

\**pH<sub>Final</sub>* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

**Reviewed and Released By:**

Arianna Horonzy  
Project Manager

Report Generated On: 06/24/2020 1:57 pm      0041063  
STL\_Results Revision #1.9      Effective: 04/16/2020





# Chain of Custody Record

1037F MacArthur Road, Reading, PA 19605  
 Phone: 610-375-8378 - Fax: 610-375-4090 - suburbantestinglabs.com

TAT (Circle One): Standard - 24hr - 48hr - 72hr - Other \_\_\_\_\_  
 (Additional charges may apply for rush TAT. If not specified, standard TAT will apply.)

ORDER ID: 0041063



Client Name / Address: PA American Water - Township of Exeter 400 Hanover Street Birdsboro, PA 19508-9181 Client Project Manager: Jim Gable	Project Name / Address: Birdsboro Koshier Farms - Weekly IPP Payment / P.O. Info: Kelly.bothur@amwater.com
Phone: (610) 582-8300 Fax:	

Project Description:

Order Comments: Please enter Site ID in Project Number and Purchase Order Field.

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Sample Type	Composite Start Date / Time
0041063-01	I912-Sampled from Wet Well	wet well	6/12/20 10 AM	CRV	Non-potable	24 HC	6/11/20 955

Analysis - Method  
**Inorganics**  
 BOD5 - SM 5210-B  
 Chloride, 300.0 - EPA 300.0  
 TDS - SM 2540-C  
 TSS - SM 2540-D

Container Type / Preservation	Preservation Check
1L P BOD	A
250mL P	B
500mL P	C
500mL P	D

Container Type / Preservation	Preservation Check
0041063-02 I912-Grab - Sampled from Wet Well	6/12/20 10 AM CRV

Analysis - Method  
**Inorganics**  
 Oil & Grease - EPA 1664A

Container Type / Preservation	Field Results
500mL GA & HCl	6/12/20 10 AM
500mL GA & HCl	

WKO TAT = 8 Cool Sample(s) to 6 C

Count	Date:	Time:	Temp (°C):
	6/12/20	1100	

<b>Sample Conditions</b> Number of Containers / Cooler received matches number on COC? <u>Y/N</u> Sample labels and COC free of discrepancies? <u>Y/N</u> All Containers Intact? <u>Y/N</u> VOC vials for VOA analysis free of headspace, if applicable? <u>Y/N</u>	<b>Sample Type Key</b> G = Grab 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite S = Distribution E = Entry Point D = Raw R = Check C = Special W = Maximum Residence A =
<b>Reporting Options</b> <input type="checkbox"/> SDWA Reporting <input type="checkbox"/> PWSID <input type="checkbox"/> Email <input type="checkbox"/> Other	

Relinquished By: [Signature] Temp (°C): \_\_\_\_\_  
 Received By: [Signature] Temp (°C): \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Temp (°C): \_\_\_\_\_  
 Received in Lab By: [Signature] Temp (°C): 6/12/20  
 \_\_\_\_\_ Temp (°C): 1100

Shaded areas are for STL use only  
 Page 2 of 2

Date Created: 03/25/2020 12:00  
 Date Printed: 03/25/2020 12:00  
 004-1063

Signing this form indicates your agreement with STL's Standard Terms and Conditions (www.suburbantestinglabs.com/resources/standard-terms-and-conditions.html) unless otherwise specified in writing.  
 wko\_STL\_Prelog\_Is.rpt Arianna Horonzy



**Results Report**

Order ID: 0041064

PA American Water - Exeter Wastewater 400 Hanover Street Birdsboro, PA 19508-9181	Project: Birdsboro Kosher Farms - Weekly IPP
Attn: Jim Gable	Regulatory ID:

Sample Number: 0041064-01	Site: I912-Sampled from Wet Well	Sample ID: Wet Well
Collector: CB	Collect Date: 06/18/2020 8:45 am	Sample Type: 24 HC

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Inorganics</u>									
Biochemical Oxygen Demand (5 day BOD)	295	mg/L	SM 5210-B	2.0	1	06/19/20	YBZ	06/19/20 11:43	YTM
Chloride	1110	mg/L	EPA 300.0	100	20	06/25/20	EJJ	06/25/20 18:55	EJJ
Total Dissolved Solids (TDS)	2280	mg/L	SM 2540-C	25.0	1	06/23/20	CH	06/23/20 10:41	CH
Total Suspended Solids (TSS)	174	mg/L	SM 2540-D	4.0	1	06/24/20	YTM	06/24/20 12:30	GMP

Sample Number: 0041064-02	Site: I912-Grab - Sampled from Wet Well	Sample ID: Wet Well
Collector: CB	Collect Date: 06/18/2020 8:45 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Inorganics</u>									
Oil and Grease, as HEM	21.2	mg/L	EPA 1664A	10.0	2	06/30/20	ARP	06/30/20 11:29	ARP

**Sample Receipt Conditions:**  
All samples met the sample receipt requirements for the relevant analyses.

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

\**pH, Final* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

**Reviewed and Released By:**

Arianna Horonzy  
Project Manager

Report Generated On: 06/30/2020 4:52 pm      0041064  
STL\_Results Revision #1.9      Effective: 04/16/2020





# Chain of Custody Record

1037F MacArthur Road, Reading, PA 19605  
 Phone: 610-375-8378 - Fax: 610-375-4090 - suburbantestinglabs.com

TAT (Circle One): Standard - 24hr - 48hr - 72hr - Other  
 (Additional charges may apply for rush TAT. If not specified, standard TAT will apply.)

ORDER ID: 0041064



Client Name / Address: PA American Water - Township of Exeter 400 Hanover Street Birdsboro, PA 19508-9181 Client Project Manager: Jim Gable	Project Name / Address: Birdsboro Kosher Farms - Weekly IPP Payment / P.O. Info: Kelly.bothur@amwater.com
Phone: (610) 582-8300 Fax:	

Project Description:

Order Comments: Please enter Site ID in Project Number and Purchase Order Field.

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Sample Type	Composite Start Date / Time
0041064-01	1912-Sampled from Wet Well	wet well	6/17/20 8:45 AM	CS	Non-potable	24 HC	6/17/20 8:45 AM
<b>Container Type / Preservation</b> 1LP BOD 250mL P 500mL P 500mL P							
<b>Analysis - Method</b> <b>Inorganics</b> BOD5 - SM 5210-B Chloride, 300.0 - EPA 300.0 TDS - SM 2540-C TSS - SM 2540-D							

27

Container Type / Preservation	Preservation Check	Analysis - Method	Field Results
0041064-02   1912-Grab - Sampled from Wet Well	6/17/20 8:45 AM CS	Non-potable	6/17/20 8:45 AM
<b>Analysis - Method</b> <b>Inorganics</b> Oil & Grease - EPA 1664A			
500mL GA & HCl			
500mL GA & HCl			

WKO TAT = 8

Cool Sample(s) to 6 C

Relinquished By: CS	Count	Date: 6/18/20	Temp (°C):
Received By:		Time: 1006	Temp (°C):
Relinquished By:		Date:	Temp (°C):
Received in Lab By: JPH	6	Time: 6/18/20	Acceptable?: Y/N
		Date: 6/18/20	Temp (°C): 12.4
		Time: 1000	Acceptable?: Y/N

<b>Sample Conditions</b> Number of Containers \ Cooler received matches number on COC? Sample labels and COC free of discrepancies? All Containers intact? VOC vials for VOA analysis free of headspace if applicable?	Y/N Y/N Y/N Y/N	<b>Sample Type Key</b> G = Grab 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite D = Distribution E = Entry Point R = Raw C = Check S = Special M = Maximum Residence
<b>Reporting Options</b> <input type="checkbox"/> SDWA Reporting <input type="checkbox"/> PWSID <input type="checkbox"/> Email <input type="checkbox"/> Other		

Signing this form indicates your agreement with STL's Standard Terms and Conditions (www.suburbantestinglabs.com/resources/standard-terms-and-conditions.html) unless otherwise specified in writing.

wko\_STL\_Prebog\_Is.rpt

Antanna Horonzy

Date Created: 03/25/2020 12:00

Date Printed: 03/25/2020

0041064

Shaded areas are for STL use only

Page 1 of 1

Page 2 of 2



**Results Report**

Order ID: 0060195

PA American Water - Exeter Wastewater 400 Hanover Street Birdsboro, PA 19508-9181	Project: Birdsboro Kosher Farms - Weekly IPP
Attn: Jim Gable	Regulatory ID:

Sample Number: 0060195-01	Site: I912-Sampled from Wet Well	Sample ID: Wet Well
Collector: CB	Collect Date: 06/26/2020 9:30 am	Sample Type: 24 HC

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<b>Inorganics</b>									
Biochemical Oxygen Demand (5 day BOD)	710	mg/L	SM 5210-B	2.0	1	06/26/20	MCJ	06/26/20 17:54	EJJ
Chloride	715	mg/L	EPA 300.0	100	20	07/02/20	EJJ	07/02/20 1:53	EJJ
Total Dissolved Solids (TDS)	1700	mg/L	SM 2540-C	25.0	1	06/30/20	CH	06/30/20 9:45	CH
Total Suspended Solids (TSS)	474	mg/L	SM 2540-D	4.0	1	06/30/20	CJ	06/30/20 13:31	CJ/ DW

Sample Number: 0060195-02	Site: I912-Grab - Sampled from Wet Well	Sample ID: Wet Well
Collector: CB	Collect Date: 06/26/2020 9:30 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<b>Inorganics</b>									
Oil and Grease, as HEM	217	mg/L	EPA 1664A	9.4	2	07/06/20	MKR	07/06/20 13:01	MKR

**Sample Receipt Conditions:**  
All samples met the sample receipt requirements for the relevant analyses.

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

\**pH, Final* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

**Reviewed and Released By:**

Arianna Horonzy  
Project Manager

Report Generated On: 07/06/2020 4:51 pm      0060195  
STL\_Results Revision #1.9      Effective: 04/16/2020





# Chain of Custody Record

1037F MacArthur Road, Reading, PA 19605  
Phone: 610-375-8378 - Fax: 610-375-4090 - suburbantestinglabs.com

TAT (Circle One): Standard - 24hr - 48hr - 72hr - Other  
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply.)

ORDER ID: 0060195



Client Name / Address: PA American Water - Exeter Wastewater 400 Hanover Street Birdsboro, PA 19508-9181	Project Name / Address: Birdsboro Kosher Farms - Weekly IPP
Client Project Manager: Jim Gable	Payment / P.O. Info:
Phone: (610) 582-8300 Fax:	

Project Description:

Order Comments: Please enter Site ID in Project Number and Purchase Order Field.

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Sample Type	Composite Start Date / Time
0060195-01	1912-Sampled from Wet Well	Wet Well	6/26/20 9:30	CG	Non-potable	24 HC	6/25/20 9:30
<b>Container Type / Preservation</b>							
1L P BOD	A						
250mL P	B						
500mL P	C						
500mL P	D						

### Analysis - Method

**Inorganics**  
BOD5 - SM 5210-B  
Chloride, 300.0 - EPA 300.0  
TDS - SM 2540-C  
TSS - SM 2540-D

Container Type / Preservation	Analysis - Method	Field Results
0060195-02 1912-Grab - Sampled from Wet Well	Non-potable	6/25/20 9:30
<b>Analysis - Method</b>		
500mL GA & HCl	<b>Inorganics</b> Oil & Grease - EPA 1664A	
500mL GA & HCl		

WKO TAT = 8

Cool Sample(s) to 6 C

Relinquished By:	Count	Date:	Temp (°C):
<i>Jim Gable</i>		6-26-20	
Received By:		Date:	Temp (°C):
Relinquished By:		Date:	Temp (°C):
Received in Lab By:	u	Date: 6/26/20	Temp (°C): 10.4
		Date: 6/26/20	Temp (°C): 10.4

<b>Sample Conditions</b>	<b>Sample Type Key</b>
Number of Containers / Cooler received matches number on COC? <u>Y/N</u>	G = Grab
Sample labels and COC free of discrepancies? <u>Y/N</u>	8HC = 8 Hr. Composite
All Containers Intact? <u>Y/N</u>	24HC = 24 Hr. Composite
VOC vials for VOA analysis free of headspace, if applicable? <u>Y/N</u>	D = Distribution
	E = Entry Point
	R = Raw
	C = Check
	S = Special
	M = Maximum Residence

<b>Reporting Options</b>
<input type="checkbox"/> SDWA Reporting
<input type="checkbox"/> PWSID
<input type="checkbox"/> Email
<input type="checkbox"/> Other

Signing this form indicates your agreement with STL's Standard Terms and Conditions (www.suburbantestinglabs.com/resources/standard-terms-and-conditions.html) unless otherwise specified in writing.

wko\_STL\_Prelog\_Is.rpt

Arianna Horonzy

Date Created: 05/04/2020 12:00

Date Printed: 05/04/2020

0060195

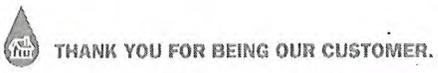
Shaded areas are for STL use only



PENNSYLVANIA AMERICAN WATER

WE KEEP LIFE FLOWING™

Service Address: BIRDSBORO KOSHER FARMS 1100 LINCOLN RD BIRDSBORO, PA 19508-1804



Important Account Messages

- Welcome to American Water! We're proud to serve you and continually look for ways to make doing business with us easy. From round-the-clock emergency service to easy-to-use resources, your satisfaction is our priority. Check out My Account, our online tool where you can view/pay your bill, sign up for paperless billing, track water use and choose how you receive alerts and more. Visit the "For New Customers" page on our website for more information.
Your current bill contains an additional charge. To learn more, refer to the Account Detail section. If needed, please contact us to discuss an extended payment agreement.

For more information, visit www.pennsylvaniaamwater.com

- View your account information or pay your bill anytime at: www.amwater.com/MyAccount
Pay by Phone\*: Pay anytime at 1-855-748-6066 \*A convenience fee may apply
Customer Service: 1-800-565-7292 M-F 7:00am to 7:00pm - Emergencies 24/7

Please return bottom portion with your payment. DO NOT send cash. Retain upper portion for your records.



Service to: 1100 LINCOLN RD BIRDSBORO, PA 19508-1804

PO Box 371412 Pittsburgh, Pa. 15250-7412

BIRDSBORO KOSHER FARMS 1100 LINCOLN RD BIRDSBORO, PA 19508-1804

Monthly Statement

Account No. 1024-220033302739

Table with 2 columns: Description, Amount. Total Amount Due: \$148,660.75; Payment Due By: June 2, 2020

Billing Date: May 11, 2020; Service Period: Oct 25 to May 06 (195 Days)

Account Summary - See page 3 for Account Detail

Table with 2 columns: Description, Amount. Prior Billing: \$0.00; Payments: \$0.00; Balance Forward: \$0.00; Service Related Charges: \$148,660.75; Total Amount Due: \$148,660.75

Account No. 1024-220033302739

Table with 2 columns: Description, Amount. Total Amount Due: \$148,660.75; Payment Due By: June 2, 2020

Amount Enclosed \$

PENNSYLVANIA AMERICAN WATER PO BOX 371412 PITTSBURGH, PA. 15250-7412

00010242200333027390000000014866075016



## Messages from Pennsylvania American Water

- Effective April 1, 2020, the Water Distribution System Improvement Charge increased from 3.53% to 4.11%. This charge funds the replacement of water distribution system facilities.
- Approximately 5.07 percent, or \$7,537.10 of state taxes are included in your current bill.
- Any portion of the wastewater charges which is not paid as of 06/02/2020 will be subject to a 1.50% penalty.



**WE ALL NEED  
A LITTLE HELP  
SOMETIMES**

Learn more about financial assistance available through our **H2O Help to Others Program™** at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Customer Service & Billing, select Low Income Program.




**CUSTOMER SERVICE: 1-800-565-7292**  
 HOURS: M-F, 7am-7pm • Emergencies: 24/7  
 TTY/TDD FOR THE HEARING IMPAIRED: 711  
 (and then reference Customer Service number listed above)

### SERVICES

**Go Paperless:** Save time. Save money. Sign up for **Paperless Billing and Auto Pay** on My Account at [amwater.com/myaccount](http://amwater.com/myaccount). Not registered? Log in and be sure to have your account number handy.

**Water Quality:** We take water quality seriously. When it comes to complying with federal drinking water standards, we consistently score better than the industry average. For a copy of the annual water quality report for your area, visit [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Water Quality, select Water Quality Reports.

**H2O Help To Others:** This program helps low-income customers who qualify with their water bills. For more information, contact our program administrator, the Dollar Energy Fund, at 1-888-282-6816.

### EXPLANATION OF FEES AND OTHER TERMS

**Distribution System Improvement Charge (DSIC):** A charge to replace aging facilities, such as mains, meters, fire hydrants, valves, etc. This charge, as approved by the Pennsylvania Public Utility Commission (PUC), will change every three months based on work completed. It will not exceed 7.5% of your bill.

**Payment by Check:** Paying by check authorizes American Water to send the information from your check electronically to your bank for payment. The transaction will appear on your bank statement. The physical check will not be presented to your financial institution or returned to you.

-  **State Tax Surcharges:** This PUC-approved charge allows the company to recover costs specific to state taxes.
-  **Estimated Bill:** This occurs when we are unable to read the water meter. Your usage from the same billing period the prior year is used to calculate the estimated bill. The next actual meter reading corrects any over or under estimates.
-  **Inquiries/Disputes:** For inquiries about your bill, please register any question or complaint about the bill prior to the due date. Contact customer service Monday–Friday from 7 a.m. to 7 p.m. by calling 1-800-565-7292. To register your complaint by mail, send written correspondence to PO Box 578, Alton, IL 62002-0578.
-  **Rates:** A detailed listing of charges that make up your bill is available upon request by contacting Customer Service or visiting us online at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Customer Service & Billing, select Your Water and Wastewater Rates.
-  **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 1-888-378-4458.
-  **Correspondence:** Please send written correspondence to PO Box 578, Alton, IL 62002-0578. Be sure to include your name, account number, service address, mailing address and phone number including area code. Please do not send correspondence with your payment, as it may delay processing your payment and correspondence.

#### H2O HELP TO OTHERS PROGRAM - lend a hand to customers in need

- I'm adding a one time contribution of \$ \_\_\_\_\_ with my payment.
- I'd like to add a recurring contribution to each bill of \$ \_\_\_\_\_. I understand this amount will be added to each bill.

#### Address Change(s)

\_\_\_\_\_  
 Name

\_\_\_\_\_  
 Address

\_\_\_\_\_  
 City

\_\_\_\_\_  
 State      \_\_\_\_\_  
 Zip Code

( ) \_\_\_\_\_  
 Phone Number       Mobile Number

\_\_\_\_\_  
 E-mail Address

#### Other ways to pay your bill

		
<b>Auto Pay</b>	<b>Online</b>	<b>In Person</b>
Save time and money. Enroll in Auto Pay, and your bill will be paid on time, every time, directly from your bank account on the due date. No stamps required!	With My Account, you can pay your bill anytime, anywhere. Registration is fast and easy. Visit <a href="http://www.amwater.com/MyAccount">www.amwater.com/MyAccount</a> or pay without registration at <a href="http://www.amwater.com/billpay">www.amwater.com/billpay</a> (fee may apply).	We have agreements with several authorized payment locations in our service areas. Visit our website to find one near you.





WE KEEP LIFE FLOWING™

**Account Detail** Account No. 1024-220033302739  
Service To: 1100 LINCOLN RD BIRDSBORO, PA 19508-1804

Prior Billing	0.00
Payments	0.00

<b>Balance Forward</b>	<b>0.00</b>
------------------------	-------------

Service Related Charges - 10/25/19 to 05/06/20

**Special Billing Account Adjustment - 10/24/19 to 02/04/20**

Other Charges	80,794.23
Surcharge for IPP	80,794.23

**Bill Period - 10/25/19 to 05/06/20**

Wastewater Service	0.00
Wastewater Flat Charge (1 x \$0.00)	0.00

**Special Billing Account Adjustment - 02/01/20 to 03/05/20**

Other Charges	30,484.76
Surcharge for IPP	30,484.76

**Special Billing Account Adjustment - 03/05/20 to 04/03/20**

Other Charges	37,381.76
Surcharge for IPP	37,381.76

<b>Total Service Related Charges</b>	<b>148,660.75</b>
--------------------------------------	-------------------

<b>Total Current Period Charges</b>	<b>148,660.75</b>
-------------------------------------	-------------------

**Total Amount Due** **\$148,660.75**

## Understanding Your Bill

The information below defines some of the new terms you may find on your bill:

- **Service Related Charges:** This section includes charges for services related to water, wastewater and fire protection. If applicable, credits and debits for correction to previously billed charges are itemized in this section.
- **Fees and Adjustments:** This section provides details related to additional charges or adjustments for the service period referenced. Fees, when applicable, would include items such as service activation and late payment charges.
- **Billing Units:** One billing unit equals 100 gallons of water used. If the meter serving your property measures your water use in cubic feet or a different unit of measure, we convert the usage to gallons to make it easier to understand.
- **Average Daily Use:** The gallons shown in the water droplet above represent your average daily water use for the current billing period. Tracking the amount of water you use can help you manage your overall water use from month to month.
- **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 888-378-4458.
- **Still have questions?** We are here to help. Our customer service representatives are available M-F, 7 a.m. to 7 p.m. More information on understanding your bill and charges can also be found on our website. See the link below.

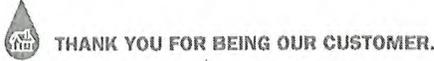
For more information about your charges and rates, please visit: <https://amwater.com/paaw/rates>

<This page is intentionally left blank and reserved for future messages>



WE KEEP LIFE FLOWING™

Service Address:
BIRDSBORO KOSHER FARMS
1100 LINCOLN RD
BIRDSBORO, PA 19508-1804



Important Account Messages

- Your current bill contains an additional charge. To learn more, refer to the Account Detail section. If needed, please contact us to discuss an extended payment agreement.
This bill reflects an extended or partial billing period. As a result, a portion of your charges may be prorated accordingly to represent actual days of service received. Please refer to Account Detail for more information.

For more information, visit www.pennsylvaniaamwater.com

Monthly Statement

Account No. 1024-220033302739

Table with 2 columns: Description, Amount. Total Amount Due: \$170,884.51; Payment Due By: June 11, 2020

Billing Date: May 20, 2020
Service Period:

Account Summary - See page 3 for Account Detail

Table with 2 columns: Description, Amount. Prior Billing: \$148,660.75; Payments: \$0.00; Balance Forward: \$148,660.75; Service Related Charges: \$22,223.76; Total Amount Due: \$170,884.51

View your account information or pay your bill anytime at: www.amwater.com/MyAccount

Pay by Phone\*: Pay anytime at 1-855-748-6066
\*A convenience fee may apply

Customer Service: 1-800-565-7292
M-F 7:00am to 7:00pm - Emergencies 24/7

Please return bottom portion with your payment. DO NOT send cash. Retain upper portion for your records.

Account No. 1024-220033302739

Table with 2 columns: Description, Amount. Total Amount Due: \$170,884.51; Payment Due By: June 11, 2020



WE KEEP LIFE FLOWING™

PO Box 371412
Pittsburgh, Pa. 15250-7412

Service to: 1100 LINCOLN RD
BIRDSBORO, PA 19508-1804

Amount Enclosed \$

BIRDSBORO KOSHER FARMS
1100 LINCOLN RD
BIRDSBORO, PA 19508-1804

PENNSYLVANIA AMERICAN WATER
PO BOX 371412
PITTSBURGH, PA. 15250-7412

00010242200333027390000000017088451014

Messages from Pennsylvania American Water

- Effective April 1, 2020, the Water Distribution System Improvement Charge increased from 3.53% to 4.11%. This charge funds the replacement of water distribution system facilities.
- Approximately 5.07 percent, or \$1,126.74 of state taxes are included in your current bill.
- Any portion of the wastewater charges which is not paid as of 06/11/2020 will be subject to a 1.50% penalty.



**WE ALL NEED A LITTLE HELP SOMETIMES**

Learn more about financial assistance available through our **H2O Help to Others Program™** at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Customer Service & Billing, select Low Income Program.




**CUSTOMER SERVICE: 1-800-565-7292**  
 HOURS: M-F, 7am-7pm ▪ Emergencies: 24/7  
 TTY/TDD FOR THE HEARING IMPAIRED: 711  
 (and then reference Customer Service number listed above)

**SERVICES**

- Go Paperless:** Save time. Save money. Sign up for **Paperless Billing** and **Auto Pay** on My Account at [amwater.com/myaccount](http://amwater.com/myaccount). Not registered? Log in and be sure to have your account number handy.
- Water Quality:** We take water quality seriously. When it comes to complying with federal drinking water standards, we consistently score better than the industry average. For a copy of the annual water quality report for your area, visit [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Water Quality, select Water Quality Reports.
- H2O Help To Others:** This program helps low-income customers who qualify with their water bills. For more information, contact our program administrator, the Dollar Energy Fund, at 1-888-282-6816.

**EXPLANATION OF FEES AND OTHER TERMS**

- Distribution System Improvement Charge (DSIC):** A charge to replace aging facilities, such as mains, meters, fire hydrants, valves, etc. This charge, as approved by the Pennsylvania Public Utility Commission (PUC), will change every three months based on work completed. It will not exceed 7.5% of your bill.
- Payment by Check:** Paying by check authorizes American Water to send the information from your check electronically to your bank for payment. The transaction will appear on your bank statement. The physical check will not be presented to your financial institution or returned to you.

- State Tax Surcharges:** This PUC-approved charge allows the company to recover costs specific to state taxes.
- Estimated Bill:** This occurs when we are unable to read the water meter. Your usage from the same billing period the prior year is used to calculate the estimated bill. The next actual meter reading corrects any over or under estimates.
- Inquiries/Disputes:** For inquiries about your bill, please register any question or complaint about the bill prior to the due date. Contact customer service Monday–Friday from 7 a.m. to 7 p.m. by calling 1-800-565-7292. To register your complaint by mail, send written correspondence to PO Box 578, Alton, IL 62002-0578.
- Rates:** A detailed listing of charges that make up your bill is available upon request by contacting Customer Service or visiting us online at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Customer Service & Billing, select Your Water and Wastewater Rates.
- Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 1-888-378-4458.
- Correspondence:** Please send written correspondence to PO Box 578, Alton, IL 62002-0578. Be sure to include your name, account number, service address, mailing address and phone number including area code. Please do not send correspondence with your payment, as it may delay processing your payment and correspondence.

**H2O HELP TO OTHERS PROGRAM - lend a hand to customers in need**

I'm adding a one time contribution of \$ \_\_\_\_\_ with my payment.

I'd like to add a recurring contribution to each bill of \$ \_\_\_\_\_. I understand this amount will be added to each bill.

Address Change(s) \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip Code \_\_\_\_\_

( ) \_\_\_\_\_  
 Phone Number \_\_\_\_\_

Mobile Number  \_\_\_\_\_

E-mail Address \_\_\_\_\_

**Other ways to pay your bill**

 <b>Auto Pay</b>	 <b>Online</b>	 <b>In Person</b>
Save time and money. Enroll in Auto Pay, and your bill will be paid on time, every time, directly from your bank account on the due date. No stamps required!	With My Account, you can pay your bill anytime, anywhere. Registration is fast and easy. Visit <a href="http://www.amwater.com/MyAccount">www.amwater.com/MyAccount</a> or pay without registration at <a href="http://www.amwater.com/billpay">www.amwater.com/billpay</a> (fee may apply).	We have agreements with several authorized payment locations in our service areas. Visit our website to find one near you.





WE KEEP LIFE FLOWING™

**Account Detail**

Account No. 1024-220033302739

Service To: 1100 LINCOLN RD BIRDSBORO, PA 19508-1804

Prior Billing	148,660.75
Payments	0.00

**Balance Forward** 148,660.75

Service Related Charges - 00/00/00 to 00/00/00

**Special Billing Account Adjustment -  
04/03/20 to 05/04/20**

 Wastewater Service	22,223.76
Wastewater Service Charge	63.16
Wastewater Usage Charge	22,160.60

**Total Service Related Charges** 22,223.76

**Total Current Period Charges** 22,223.76

**Total Amount Due**  **\$170,884.51**

**Understanding Your Bill**

The information below defines some of the new terms you may find on your bill:

- **Service Related Charges:** This section includes charges for services related to water, wastewater and fire protection. If applicable, credits and debits for correction to previously billed charges are itemized in this section.
- **Fees and Adjustments:** This section provides details related to additional charges or adjustments for the service period referenced. Fees, when applicable, would include items such as service activation and late payment charges.
- **Billing Units:** One billing unit equals 100 gallons of water used. If the meter serving your property measures your water use in cubic feet or a different unit of measure, we convert the usage to gallons to make it easier to understand.
- **Average Daily Use:** The gallons shown in the water droplet above represent your average daily water use for the current billing period. Tracking the amount of water you use can help you manage your overall water use from month to month.
- **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 888-378-4458.
- **Still have questions?** We are here to help. Our customer service representatives are available M-F, 7 a.m. to 7 p.m. More information on understanding your bill and charges can also be found on our website. See the link below.

For more information about your charges and rates, please visit:  
<https://amwater.com/paaw/rates>

<This page is intentionally left blank and reserved for future messages>



WE KEEP LIFE FLOWING™

**Service Address:**

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804



THANK YOU FOR BEING OUR CUSTOMER.

**Important Account Messages**

- Your current bill contains an additional charge. To learn more, refer to the Account Detail section. If needed, please contact us to discuss an extended payment agreement.
- Want more convenience and less clutter? Try paperless billing. We send an email when your bill is available for viewing and include an option to pay. It's simple to sign up, just register or log into My Account at [amwater.com/myaccount](http://amwater.com/myaccount) and make the selection for paperless billing.

For more information, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com)



**View your account information or pay your bill anytime at:** [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount)



**Pay by Phone\*:** Pay anytime at 1-855-748-6066  
*\*A convenience fee may apply*



**Customer Service:** 1-800-565-7292  
M-F 7:00am to 7:00pm – Emergencies 24/7

▼ Please return bottom portion with your payment. DO NOT send cash. Retain upper portion for your records. ▼

**Monthly Statement**

Account No. **1024-220033302739**

<b>Total Amount Due:</b>	<b>\$199,730.27</b>
<b>Payment Due By:</b>	<b>July 6, 2020</b>

**Billing Date:** June 11, 2020  
**Service Period:** May 07 to Jun 10 (35 Days)

**Account Summary – See page 3 for Account Detail**

Prior Billing:	\$170,884.51
Payments:	\$0.00
<b>Balance Forward:</b>	<b>\$170,884.51</b>
Service Related Charges:	\$28,845.76
<b>Total Amount Due:</b>	<b>\$199,730.27</b>

Account No. **1024-220033302739**

<b>Total Amount Due:</b>	<b>\$199,730.27</b>
<b>Payment Due By:</b>	<b>July 6, 2020</b>



WE KEEP LIFE FLOWING™

PO Box 371412  
Pittsburgh, Pa. 15250-7412

Service to: 1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

Amount Enclosed \$

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

PENNSYLVANIA AMERICAN WATER  
PO BOX 371412  
PITTSBURGH, PA. 15250-7412

00010242200333027390000000019973027016

## Messages from Pennsylvania American Water

- Effective April 1, 2020, the Water Distribution System Improvement Charge increased from 3.53% to 4.11%. This charge funds the replacement of water distribution system facilities.
- Approximately 5.07 percent, or \$1,462.48 of state taxes are included in your current bill.
- Any portion of the wastewater charges which is not paid as of 07/06/2020 will be subject to a 1.50% penalty.



**CUSTOMER SERVICE: 1-800-565-7292**  
 HOURS: M-F, 7am-7pm ▪ Emergencies: 24/7  
 TTY/TDD FOR THE HEARING IMPAIRED: 711  
 (and then reference Customer Service number listed above)

### SERVICES

- Go Paperless:** Save time. Save money. Sign up for **Paperless Billing and Auto Pay** on My Account at [amwater.com/myaccount](http://amwater.com/myaccount). Not registered? Log in and be sure to have your account number handy.
- Water Quality:** We take water quality seriously. When it comes to complying with federal drinking water standards, we consistently score better than the industry average. For a copy of the annual water quality report for your area, visit [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Water Quality, select Water Quality Reports.
- H2O Help To Others:** This program helps low-income customers who qualify with their water bills. For more information, contact our program administrator, the Dollar Energy Fund, at 1-888-282-6816.

### EXPLANATION OF FEES AND OTHER TERMS

- Distribution System Improvement Charge (DSIC):** A charge to replace aging facilities, such as mains, meters, fire hydrants, valves, etc. This charge, as approved by the Pennsylvania Public Utility Commission (PUC), will change every three months based on work completed. It will not exceed 7.5% of your bill.
- Payment by Check:** Paying by check authorizes American Water to send the information from your check electronically to your bank for payment. The transaction will appear on your bank statement. The physical check will not be presented to your financial institution or returned to you.

- State Tax Surcharges:** This PUC-approved charge allows the company to recover costs specific to state taxes.
- Estimated Bill:** This occurs when we are unable to read the water meter. Your usage from the same billing period the prior year is used to calculate the estimated bill. The next actual meter reading corrects any over or under estimates.
- Inquiries/Disputes:** For inquiries about your bill, please register any question or complaint about the bill prior to the due date. Contact customer service Monday–Friday from 7 a.m. to 7 p.m. by calling 1-800-565-7292. To register your complaint by mail, send written correspondence to PO Box 578, Alton, IL 62002-0578.
- Rates:** A detailed listing of charges that make up your bill is available upon request by contacting Customer Service or visiting us online at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Customer Service & Billing, select Your Water and Wastewater Rates.
- Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 1-888-378-4458.
- Correspondence:** Please send written correspondence to PO Box 578, Alton, IL 62002-0578. Be sure to include your name, account number, service address, mailing address and phone number including area code. Please do not send correspondence with your payment, as it may delay processing your payment and correspondence.

**H2O HELP TO OTHERS PROGRAM - lend a hand to customers in need**

I'm adding a one time contribution of \$ \_\_\_\_\_ with my payment.

I'd like to add a recurring contribution to each bill of \$ \_\_\_\_\_. I understand this amount will be added to each bill.

Address Change(s) \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip Code \_\_\_\_\_

( ) \_\_\_\_\_  
 Phone Number \_\_\_\_\_

E-mail Address \_\_\_\_\_

### Other ways to pay your bill

 <b>Auto Pay</b>	 <b>Online</b>	 <b>In Person</b>
Save time and money. Enroll in Auto Pay, and your bill will be paid on time, every time, directly from your bank account on the due date. No stamps required!	With My Account, you can pay your bill anytime, anywhere. Registration is fast and easy. Visit <a href="http://www.amwater.com/MyAccount">www.amwater.com/MyAccount</a> or pay without registration at <a href="http://www.amwater.com/billpay">www.amwater.com/billpay</a> (fee may apply).	We have agreements with several authorized payment locations in our service areas. Visit our website to find one near you.





WE KEEP LIFE FLOWING™

**Account Detail** Account No. 1024-220033302739  
Service To: 1100 LINCOLN RD BIRDSBORO, PA 19508-1804

Prior Billing	170,884.51
Payments	0.00
<b>Balance Forward</b>	<b>170,884.51</b>
<b>Cancellation of Prior Billing</b>	<b>-22,223.76</b>
Cancelled Bill Period 04/03/2020 - 06/10/2020	-22,223.76
Reason: Special Billing Account Correction	
<b>Service Related Charges - 05/07/20 to 06/10/20</b>	
<b>Rebill - 05/05/20 to 06/03/20</b>	
<b>Wastewater Service</b>	<b>28,845.76</b>
Wastewater Service Charge	63.16
Wastewater Usage Charge	28,782.60
<b>Rebill - 05/07/20 to 06/10/20</b>	
<b>Wastewater Service</b>	<b>0.00</b>
Wastewater Flat Charge (1 x \$0.00)	0.00
<b>Total Service Related Charges</b>	<b>28,845.76</b>
<b>Total Current Period Charges</b>	<b>28,845.76</b>

**Total Amount Due** **\$199,730.27**

## Understanding Your Bill

The information below defines some of the new terms you may find on your bill:

- **Service Related Charges:** This section includes charges for services related to water, wastewater and fire protection. If applicable, credits and debits for correction to previously billed charges are itemized in this section.
- **Fees and Adjustments:** This section provides details related to additional charges or adjustments for the service period referenced. Fees, when applicable, would include items such as service activation and late payment charges.
- **Billing Units:** One billing unit equals 100 gallons of water used. If the meter serving your property measures your water use in cubic feet or a different unit of measure, we convert the usage to gallons to make it easier to understand.
- **Average Daily Use:** The gallons shown in the water droplet above represent your average daily water use for the current billing period. Tracking the amount of water you use can help you manage your overall water use from month to month.
- **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 888-378-4458.
- **Still have questions?** We are here to help. Our customer service representatives are available M-F, 7 a.m. to 7 p.m. More information on understanding your bill and charges can also be found on our website. See the link below.

For more information about your charges and rates, please visit:  
<https://amwater.com/paaw/rates>

<This page is intentionally left blank and reserved for future messages>



WE KEEP LIFE FLOWING™

Service Address:

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804



THANK YOU FOR BEING OUR CUSTOMER.

Important Account Messages

- The Due Date shown on your bill applies to current charges only. **However, \$199,730.27 is past due and could result in disconnection of service if not paid immediately.** To see if other payment options are available, please contact us.
- Your current bill contains an additional charge. To learn more, refer to the Account Detail section. If needed, please contact us to discuss an extended payment agreement.

For more information, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com)



View your account information or pay your bill anytime at: [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount)



Pay by Phone\*: Pay anytime at 1-855-748-6066  
\*A convenience fee may apply



Customer Service: 1-800-565-7292  
M-F 7:00am to 7:00pm – Emergencies 24/7

▼ Please return bottom portion with your payment. DO NOT send cash. Retain upper portion for your records. ▼

Monthly Statement

Account No. **1024-220033302739**

Total Amount Due:	<b>\$231,997.03</b>
Payment Due By:	<b>August 5, 2020</b>

A portion of your account balance is past due. Please see account messages for more information.

Billing Date: July 14, 2020  
Service Period: Jun 11 to Jul 08 (28 Days)

Account Summary – See page 3 for Account Detail

Prior Billing:	\$199,730.27
Payments:	\$0.00
Balance Forward - Past Due	\$199,730.27
Service Related Charges:	\$32,266.76
Total Amount Due:	<b>\$231,997.03</b>

Account No. **1024-220033302739**

Total Amount Due:	<b>\$231,997.03</b>
Payment Due By:	<b>August 5, 2020</b>



WE KEEP LIFE FLOWING™

PO Box 371412  
Pittsburgh, Pa. 15250-7412

Service to: 1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

Amount Enclosed \$

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

PENNSYLVANIA AMERICAN WATER  
PO BOX 371412  
PITTSBURGH, PA. 15250-7412

0001024220033302739000000023199703012

## Messages from Pennsylvania American Water

Effective July 1, 2020, the Water Distribution System Improvement Charge will increase from 4.11% to 4.46%. This charge funds the replacement of water distribution system facilities.

- Approximately 5.07 percent, or \$1,635.92 of state taxes are included in your current bill.
- Any portion of the wastewater charges which is not paid as of 08/05/2020 will be subject to a 1.50% penalty.



**CUSTOMER SERVICE: 1-800-565-7292**  
 HOURS: M-F, 7am-7pm ▪ Emergencies: 24/7  
 TTY/TDD FOR THE HEARING IMPAIRED: 711  
 (and then reference Customer Service number listed above)

### SERVICES

**Go Paperless:** Save time. Save money. Sign up for Paperless Billing and Auto Pay on My Account at [amwater.com/myaccount](http://amwater.com/myaccount). Not registered? Log in and be sure to have your account number handy.

**Water Quality:** We take water quality seriously. When it comes to complying with federal drinking water standards, we consistently score better than the industry average. For a copy of the annual water quality report for your area, visit [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Water Quality, select Water Quality Reports.

**H2O Help To Others:** This program helps low-income customers who qualify with their water bills. For more information, contact our program administrator, the Dollar Energy Fund, at 1-888-282-6816.

### EXPLANATION OF FEES AND OTHER TERMS

**Distribution System Improvement Charge (DSIC):** A charge to replace aging facilities, such as mains, meters, fire hydrants, valves, etc. This charge, as approved by the Pennsylvania Public Utility Commission (PUC), will change every three months based on work completed. It will not exceed 7.5% of your bill.

**Payment by Check:** Paying by check authorizes American Water to send the information from your check electronically to your bank for payment. The transaction will appear on your bank statement. The physical check will not be presented to your financial institution or returned to you.

-  **State Tax Surcharges:** This PUC-approved charge allows the company to recover costs specific to state taxes.
-  **Estimated Bill:** This occurs when we are unable to read the water meter. Your usage from the same billing period the prior year is used to calculate the estimated bill. The next actual meter reading corrects any over or under estimates.
-  **Inquiries/Disputes:** For inquiries about your bill, please register any question or complaint about the bill prior to the due date. Contact customer service Monday–Friday from 7 a.m. to 7 p.m. by calling 1-800-565-7292. To register your complaint by mail, send written correspondence to PO Box 578, Alton, IL 62002-0578.
-  **Rates:** A detailed listing of charges that make up your bill is available upon request by contacting Customer Service or visiting us online at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Customer Service & Billing, select Your Water and Wastewater Rates.
-  **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 1-888-378-4458.
-  **Correspondence:** Please send written correspondence to PO Box 578, Alton, IL 62002-0578. Be sure to include your name, account number, service address, mailing address and phone number including area code. Please do not send correspondence with your payment, as it may delay processing your payment and correspondence.

#### H2O HELP TO OTHERS PROGRAM - lend a hand to customers in need

- I'm adding a one time contribution of \$ \_\_\_\_\_ with my payment.
- I'd like to add a recurring contribution to each bill of \$ \_\_\_\_\_. I understand this amount will be added to each bill.

#### Address Change(s)

\_\_\_\_\_  
 Name

\_\_\_\_\_  
 Address

\_\_\_\_\_  
 City

\_\_\_\_\_  
 State      \_\_\_\_\_  
 Zip Code

( ) \_\_\_\_\_  
 Phone Number       Mobile Number

\_\_\_\_\_  
 E-mail Address

#### Other ways to pay your bill

		
<b>Auto Pay</b>	<b>Online</b>	<b>In Person</b>
Save time and money. Enroll in Auto Pay, and your bill will be paid on time, every time, directly from your bank account on the due date. No stamps required!	With My Account, you can pay your bill anytime, anywhere. Registration is fast and easy. Visit <a href="http://www.amwater.com/MyAccount">www.amwater.com/MyAccount</a> or pay without registration at <a href="http://www.amwater.com/billpay">www.amwater.com/billpay</a> (fee may apply).	We have agreements with several authorized payment locations in our service areas. Visit our website to find one near you.



**Account Detail** Account No. 1024-220033302739  
 Service To: 1100 LINCOLN RD BIRDSBORO, PA 19508-1804

Prior Billing	199,730.27
Payments	0.00

<b>Balance Forward - Past Due</b>	<b>199,730.27</b>
-----------------------------------	-------------------

<b>Cancellation of Prior Billing</b>	<b>-22,223.76</b>
Cancelled Bill Period 04/03/2020 - 06/10/2020	-22,223.76
Reason: Special Billing Account Correction	
Cancelled Bill Period 06/11/2020 - 07/08/2020	0.00
Reason: Special Billing Account Correction	

<b>Service Related Charges - 06/11/20 to 07/08/20</b>	
---	--

<b>Rebill - 06/03/20 to 07/06/20</b>	
--------------------------------------	--

 <b>Wastewater Service</b>	<b>32,266.76</b>
Wastewater Service Charge	63.16
Wastewater Usage Charge	32,203.60

<b>Rebill - 06/11/20 to 07/08/20</b>	
--------------------------------------	--

 <b>Wastewater Service</b>	<b>0.00</b>
Wastewater Flat Charge (1 x \$0.00)	0.00

<b>Total Service Related Charges</b>	<b>32,266.76</b>
--------------------------------------	------------------

<b>Total Current Period Charges</b>	<b>32,266.76</b>
-------------------------------------	------------------

<b>Total Amount Due</b> 	<b>\$231,997.03</b>
---	---------------------

## Understanding Your Bill

The information below defines some of the new terms you may find on your bill:

- **Service Related Charges:** This section includes charges for services related to water, wastewater and fire protection. If applicable, credits and debits for correction to previously billed charges are itemized in this section.
- **Fees and Adjustments:** This section provides details related to additional charges or adjustments for the service period referenced. Fees, when applicable, would include items such as service activation and late payment charges.
- **Billing Units:** One billing unit equals 100 gallons of water used. If the meter serving your property measures your water use in cubic feet or a different unit of measure, we convert the usage to gallons to make it easier to understand.
- **Average Daily Use:** The gallons shown in the water droplet above represent your average daily water use for the current billing period. Tracking the amount of water you use can help you manage your overall water use from month to month.
- **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 888-378-4458.
- **Still have questions?** We are here to help. Our customer service representatives are available M-F, 7 a.m. to 7 p.m. More information on understanding your bill and charges can also be found on our website. See the link below.

For more information about your charges and rates, please visit:  
<https://amwater.com/paaw/rates>

<This page is intentionally left blank and reserved for future messages>



WE KEEP LIFE FLOWING™

Service Address:

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804



THANK YOU FOR BEING OUR CUSTOMER.

Important Account Messages

- The Due Date shown on your bill applies to current charges only. However, \$231,997.03 is past due and could result in disconnection of service if not paid immediately. To see if other payment options are available, please contact us.
- Your current bill contains an additional charge. To learn more, refer to the Account Detail section. If needed, please contact us to discuss an extended payment agreement.

For more information, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com)



View your account information or pay your bill anytime at: [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount)



Pay by Phone\*: Pay anytime at 1-855-748-6066  
\*A convenience fee may apply



Customer Service: 1-800-565-7292  
M-F 7:00am to 7:00pm – Emergencies 24/7

▼ Please return bottom portion with your payment. DO NOT send cash. Retain upper portion for your records. ▼

Monthly Statement

Account No. 1024-220033302739

Total Amount Due:	\$259,918.79
Payment Due By:	September 4, 2020

A portion of your account balance is past due. Please see account messages for more information.

Billing Date: August 13, 2020  
Service Period: Jul 09 to Aug 12 (35 Days)

Account Summary – See page 3 for Account Detail

Prior Billing:	\$231,997.03
Payments:	\$0.00
Balance Forward - Past Due	\$231,997.03
Service Related Charges:	\$27,921.76
Total Amount Due:	\$259,918.79

Account No. 1024-220033302739

Total Amount Due:	\$259,918.79
Payment Due By:	September 4, 2020



WE KEEP LIFE FLOWING™

PO Box 371412  
Pittsburgh, Pa. 15250-7412

Service to: 1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

Amount Enclosed \$

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

PENNSYLVANIA AMERICAN WATER  
PO BOX 371412  
PITTSBURGH, PA. 15250-7412

00010242200333027390000000025991879015

## Messages from Pennsylvania American Water

- We understand that right now customers may be facing circumstances that are stretching financial resources. Pennsylvania American Water is here to assist you with information to help you make an informed decision about what's best for you. Our customer service representatives are ready to work with you on a plan to pay the balance of your bill over time. You may also be qualified to receive assistance through select low income, bill assistance or help agency programs. To see what programs may be available to you, please visit [www.amwater.com](http://www.amwater.com), select your state and navigate to the customer service and billing section, or contact our customer service center to discuss your options.
- Effective July 1, 2020, the Water Distribution System Improvement Charge will increase from 4.11% to 4.46%. This charge funds the replacement of water distribution system facilities.

What's the best way to reach you

**IN CASE OF AN EMERGENCY**



We use a high-speed notification system to quickly alert customers via phone, text and email when water emergencies occur. Visit **My Account** at [www.amwater.com/myaccount](http://www.amwater.com/myaccount) to choose how you want to be notified and enter your contact information.

**CUSTOMER SERVICE: 1-800-565-7292**  
 HOURS: M-F, 7am-7pm ▪ Emergencies: 24/7  
 TTY/TDD FOR THE HEARING IMPAIRED: 711  
 (and then reference Customer Service number listed above)

### SERVICES

**Go Paperless:** Save time. Save money. Sign up for **Paperless Billing and Auto Pay** on My Account at [amwater.com/myaccount](http://amwater.com/myaccount). Not registered? Log in and be sure to have your account number handy.

**Water Quality:** We take water quality seriously. When it comes to complying with federal drinking water standards, we consistently score better than the industry average. For a copy of the annual water quality report for your area, visit [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Water Quality, select Water Quality Reports.

**H2O Help To Others:** This program helps low-income customers who qualify with their water bills. For more information, contact our program administrator, the Dollar Energy Fund, at 1-888-282-6816.

### EXPLANATION OF FEES AND OTHER TERMS

**Distribution System Improvement Charge (DSIC):** A charge to replace aging facilities, such as mains, meters, fire hydrants, valves, etc. This charge, as approved by the Pennsylvania Public Utility Commission (PUC), will change every three months based on work completed. It will not exceed 7.5% of your bill.

**Payment by Check:** Paying by check authorizes American Water to send the information from your check electronically to your bank for payment. The transaction will appear on your bank statement. The physical check will not be presented to your financial institution or returned to you.

**State Tax Surcharges:** This PUC-approved charge allows the company to recover costs specific to state taxes.

**Estimated Bill:** This occurs when we are unable to read the water meter. Your usage from the same billing period the prior year is used to calculate the estimated bill. The next actual meter reading corrects any over or under estimates.

**Inquiries/Disputes:** For inquiries about your bill, please register any question or complaint about the bill prior to the due date. Contact customer service Monday-Friday from 7 a.m. to 7 p.m. by calling 1-800-565-7292. To register your complaint by mail, send written correspondence to PO Box 578, Alton, IL 62002-0578.

**Rates:** A detailed listing of charges that make up your bill is available upon request by contacting Customer Service or visiting us online at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Customer Service & Billing, select Your Water and Wastewater Rates.

**Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 1-888-378-4458.

**Correspondence:** Please send written correspondence to PO Box 578, Alton, IL 62002-0578. Be sure to include your name, account number, service address, mailing address and phone number including area code. Please do not send correspondence with your payment, as it may delay processing your payment and correspondence.

### H2O HELP TO OTHERS PROGRAM - lend a hand to customers in need

- I'm adding a one time contribution of \$ \_\_\_\_\_ with my payment.
- I'd like to add a recurring contribution to each bill of \$ \_\_\_\_\_. I understand this amount will be added to each bill.

### Address Change(s)

\_\_\_\_\_  
 Name

\_\_\_\_\_  
 Address

\_\_\_\_\_  
 City

State \_\_\_\_\_ Zip Code \_\_\_\_\_

( ) \_\_\_\_\_  
 Phone Number

\_\_\_\_\_  
 E-mail Address

### Other ways to pay your bill



**Auto Pay**



**Online**



**In Person**

Save time and money. Enroll in Auto Pay, and your bill will be paid on time, every time, directly from your bank account on the due date. No stamps required!

With My Account, you can pay your bill anytime, anywhere. Registration is fast and easy. Visit [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount) or pay without registration at [www.amwater.com/billpay](http://www.amwater.com/billpay) (fee may apply).

We have agreements with several authorized payment locations in our service areas. Visit our website to find one near you.





WE KEEP LIFE FLOWING™

**Account Detail** Account No. 1024-220033302739  
Service To: 1100 LINCOLN RD BIRDSBORO, PA 19508-1804

Prior Billing	231,997.03
Payments	0.00
<b>Balance Forward - Past Due</b>	<b>231,997.03</b>
<b>Cancellation of Prior Billing</b>	<b>0.00</b>
Cancelled Bill Period 06/11/2020 - 07/08/2020	0.00
Reason: Special Billing Account Correction	
<b>Service Related Charges - 07/09/20 to 08/12/20</b>	
<b>Rebill - 07/07/20 to 08/03/20</b>	
<b>Wastewater Service</b>	<b>27,921.76</b>
Wastewater Service Charge	63.16
Wastewater Usage Charge	27,858.60
<b>Bill Period - 07/09/20 to 08/12/20</b>	
<b>Wastewater Service</b>	<b>0.00</b>
Wastewater Flat Charge (1 x \$0.00)	0.00
<b>Total Service Related Charges</b>	<b>27,921.76</b>
<b>Total Current Period Charges</b>	<b>27,921.76</b>

**Total Amount Due** **\$259,918.79**

### Understanding Your Bill

The information below defines some of the new terms you may find on your bill:

- **Service Related Charges:** This section includes charges for services related to water, wastewater and fire protection. If applicable, credits and debits for correction to previously billed charges are itemized in this section.
- **Fees and Adjustments:** This section provides details related to additional charges or adjustments for the service period referenced. Fees, when applicable, would include items such as service activation and late payment charges.
- **Billing Units:** One billing unit equals 100 gallons of water used. If the meter serving your property measures your water use in cubic feet or a different unit of measure, we convert the usage to gallons to make it easier to understand.
- **Average Daily Use:** The gallons shown in the water droplet above represent your average daily water use for the current billing period. Tracking the amount of water you use can help you manage your overall water use from month to month.
- **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 888-378-4458.
- **Still have questions?** We are here to help. Our customer service representatives are available M-F, 7 a.m. to 7 p.m. More information on understanding your bill and charges can also be found on our website. See the link below.

For more information about your charges and rates, please visit:  
<https://amwater.com/paaw/rates>

## Additional Messages from Pennsylvania American Water

- Approximately 5.07 percent, or \$1,415.63 of state taxes are included in your current bill.
- Any portion of the wastewater charges which is not paid as of 09/04/2020 will be subject to a 1.50% penalty.



WE KEEP LIFE FLOWING™

Service Address:

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804



THANK YOU FOR BEING OUR CUSTOMER.

Important Account Messages

- The Due Date shown on your bill applies to current charges only. However, \$67,929.76 is past due and is due immediately. To see if other payment options are available, please contact us.
- Your current bill contains an additional charge. To learn more, refer to the Account Detail section. If needed, please contact us to discuss an extended payment agreement.

For more information, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com)



View your account information or pay your bill anytime at: [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount)



Pay by Phone\*: Pay anytime at 1-855-748-6066  
\*A convenience fee may apply



Customer Service: 1-800-565-7292  
M-F 7:00am to 7:00pm – Emergencies 24/7

▼ Please return bottom portion with your payment. DO NOT send cash. Retain upper portion for your records. ▼

Monthly Statement

Account No. 1024-220033302739

Total Amount Due:	\$127,939.52
Payment Due By:	November 2, 2020

A portion of your account balance is past due. Please see account messages for more information.

Billing Date: October 09, 2020  
Service Period: Sep 10 to Oct 07 (28 Days)

Account Summary – See page 3 for Account Detail

Prior Billing:	\$285,633.55
Payments:	\$0.00
Balance Forward:	\$285,633.55
Service Related Charges:	\$32,794.76
Total Balance (to pay in full):	\$318,428.31

Installment Plan Amount:	\$27,215.00
Total Current Period Charges:	\$32,794.76
Past Due Installment Amount*	\$22,215.00
Additional Due Amount*	\$45,714.76
<b>Total Due - Pay This Amount:</b>	<b>\$127,939.52</b>

Account No. 1024-220033302739

Total Amount Due:	\$127,939.52
Payment Due By:	November 2, 2020



P.O. BOX 91623  
RANTOUL, IL 61866-8623

Service to: 1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

Amount Enclosed \$

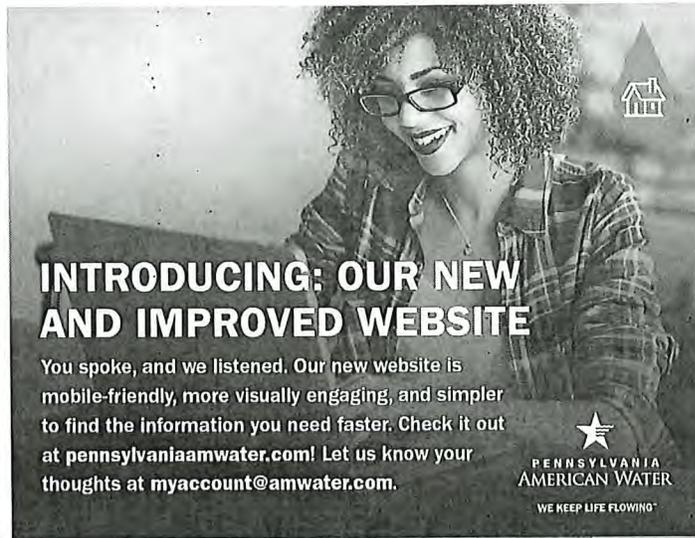
BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

PENNSYLVANIA AMERICAN WATER  
PO BOX 371412  
PITTSBURGH, PA. 15250-7412

00010242200333027390000000012793952018

Messages from Pennsylvania American Water

- **ATTENTION EXETER WASTEWATER CUSTOMERS:** If you are also our water customer, there is a "Notice of Proposed Wastewater Acquisition and Rate Base Addition" enclosed with this bill. Please note: The potential water rate impact applies to you, but the potential wastewater rate impact does not apply to you. For Exeter wastewater customers who only receive wastewater service from Pennsylvania American Water, we did not include the notice, because it does not apply to you.
- Approximately 5.07 percent, or \$1,662.69 of state taxes are included in your current bill.
- Any portion of the wastewater charges which is not paid as of 11/02/2020 will be subject to a 1.50% penalty.



**INTRODUCING: OUR NEW AND IMPROVED WEBSITE**

You spoke, and we listened. Our new website is mobile-friendly, more visually engaging, and simpler to find the information you need faster. Check it out at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com)! Let us know your thoughts at [myaccount@amwater.com](mailto:myaccount@amwater.com).

**PENNSYLVANIA AMERICAN WATER**  
WE KEEP LIFE FLOWING®



**CUSTOMER SERVICE: 1-800-565-7292**  
**HOURS:** M-F, 7am-7pm ▪ Emergencies: 24/7  
**TTY/TDD FOR THE HEARING IMPAIRED: 711**  
 (and then reference Customer Service number listed above)

**SERVICES**

**Go Paperless:** Save time. Save money. Sign up for Paperless Billing and Auto Pay on My Account at [amwater.com/myaccount](http://amwater.com/myaccount). Not registered? Log in and be sure to have your account number handy.

**Water Quality:** We take water quality seriously. When it comes to complying with federal drinking water standards, we consistently score better than the industry average. For a copy of the annual water quality report for your area, visit [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Water Quality, select Water Quality Reports.

**H2O Help To Others:** This program helps low-income customers who qualify with their water bills. For more information, contact our program administrator, the Dollar Energy Fund, at 1-888-282-6816.

**EXPLANATION OF FEES AND OTHER TERMS**

**Distribution System Improvement Charge (DSIC):** A charge to replace aging facilities, such as mains, meters, fire hydrants, valves, etc. This charge, as approved by the Pennsylvania Public Utility Commission (PUC), will change every three months based on work completed. It will not exceed 7.5% of your bill.

**Payment by Check:** Paying by check authorizes American Water to send the information from your check electronically to your bank for payment. The transaction will appear on your bank statement. The physical check will not be presented to your financial institution or returned to you.

-  **State Tax Surcharges:** This PUC-approved charge allows the company to recover costs specific to state taxes.
-  **Estimated Bill:** This occurs when we are unable to read the water meter. Your usage from the same billing period the prior year is used to calculate the estimated bill. The next actual meter reading corrects any over or under estimates.
-  **Inquiries/Disputes:** For inquiries about your bill, please register any question or complaint about the bill prior to the due date. Contact customer service Monday-Friday from 7 a.m. to 7 p.m. by calling 1-800-565-7292. To register your complaint by mail, send written correspondence to PO Box 578, Alton, IL 62002-0578.
-  **Rates:** A detailed listing of charges that make up your bill is available upon request by contacting Customer Service or visiting us online at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Customer Service & Billing, select Your Water and Wastewater Rates.
-  **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 1-888-378-4458.
-  **Correspondence:** Please send written correspondence to PO Box 578, Alton, IL 62002-0578. Be sure to include your name, account number, service address, mailing address and phone number including area code. Please do not send correspondence with your payment, as it may delay processing your payment and correspondence.

**H2O HELP TO OTHERS PROGRAM - lend a hand to customers in need**

I'm adding a one time contribution of \$ \_\_\_\_\_ with my payment.

I'd like to add a recurring contribution to each bill of \$ \_\_\_\_\_. I understand this amount will be added to each bill.

Address Change(s) \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip Code \_\_\_\_\_

( ) \_\_\_\_\_  Mobile Number \_\_\_\_\_

Phone Number \_\_\_\_\_

E-mail Address \_\_\_\_\_

**Other ways to pay your bill**



**Auto Pay**

Save time and money. Enroll in Auto Pay, and your bill will be paid on time, every time, directly from your bank account on the due date. No stamps required!



**Online**

With My Account, you can pay your bill anytime, anywhere. Registration is fast and easy. Visit [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount) or pay without registration at [www.amwater.com/billpay](http://www.amwater.com/billpay) (fee may apply).



**In Person**

We have agreements with several authorized payment locations in our service areas. Visit our website to find one near you.

**Account Detail**

Account No. 1024-220033302739

Service To: 1100 LINCOLN RD BIRDSBORO, PA 19508-1804

Prior Billing 285,633.55

Payments 0.00

**Balance Forward 285,633.55**

Service Related Charges - 09/10/20 to 10/07/20

**Special Billing Account Adjustment -  
09/03/20 to 10/05/20**
 Wastewater Service 32,794.76

Wastewater Service Charge 63.16

Wastewater Usage Charge 32,731.60

**Bill Period - 09/10/20 to 10/07/20**
 Wastewater Service 0.00

Wastewater Flat Charge (1 x \$0.00) 0.00

**Total Service Related Charges 32,794.76**
**Total Current Period Charges 32,794.76**
**Total Balance (to pay in full) 318,428.31**
**Installment Plan Amount 27,215.00**
**Total Current Period Charges 32,794.76**
**Past Due Installment Amount 22,215.00**
**Additional Due Amount 45,714.76**
**Total Amount Due  \$127,939.52**
**Installment Plan Summary**

Beginning Past Due Balance \$244,918.79

Remaining Installment Plan Balance \$239,918.79

Number of Installments Remaining 9

**Understanding Your Bill**

The information below defines some of the new terms you may find on your bill:

- **Service Related Charges:** This section includes charges for services related to water, wastewater and fire protection. If applicable, credits and debits for correction to previously billed charges are itemized in this section.
- **Fees and Adjustments:** This section provides details related to additional charges or adjustments for the service period referenced. Fees, when applicable, would include items such as service activation and late payment charges.
- **Billing Units:** One billing unit equals 100 gallons of water used. If the meter serving your property measures your water use in cubic feet or a different unit of measure, we convert the usage to gallons to make it easier to understand.
- **Average Daily Use:** The gallons shown in the water droplet above represent your average daily water use for the current billing period. Tracking the amount of water you use can help you manage your overall water use from month to month.
- **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 888-378-4458.
- **Still have questions?** We are here to help. Our customer service representatives are available M-F, 7 a.m. to 7 p.m. More information on understanding your bill and charges can also be found on our website. See the link below.

 For more information about your charges and rates, please visit:  
<https://amwater.com/paaw/rates>

<This page is intentionally left blank and reserved for future messages>

More messaging is available at the following link(s):

<https://amwater.com/files/OAPARF.pdf>



WE KEEP LIFE FLOWING™

Service Address:

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804



THANK YOU FOR BEING OUR CUSTOMER.

Important Account Messages

- The Due Date shown on your bill applies to current charges only. **However, \$296,428.31 is past due and is due immediately.** To see if other payment options are available, please contact us.
- Your current bill contains an additional charge. To learn more, refer to the Account Detail section. If needed, please contact us to discuss an extended payment agreement.

For more information, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com)

Monthly Statement

Account No. **1024-220033302739**

Total Amount Due:	<b>\$328,783.07</b>
Payment Due By:	<b>December 4, 2020</b>

A portion of your account balance is past due. Please see account messages for more information.

Billing Date: November 12, 2020  
 Service Period: Oct 08 to Nov 11 (35 Days)

Account Summary – See page 3 for Account Detail

Prior Billing:	\$318,428.31
Payments - Thank You!	\$22,000.00
<b>Balance Forward - Past Due</b>	<b>\$296,428.31</b>
Fees and Adjustments:	\$0.00
Service Related Charges:	\$32,354.76
<b>Total Amount Due:</b>	<b>\$328,783.07</b>

View your account information or pay your bill anytime at: [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount)

Pay by Phone\*: Pay anytime at 1-855-748-6066  
\*A convenience fee may apply

Customer Service: 1-800-565-7292  
M-F 7:00am to 7:00pm – Emergencies 24/7

▼ Please return bottom portion with your payment. DO NOT send cash. Retain upper portion for your records. ▼

Account No. **1024-220033302739**

Total Amount Due:	<b>\$328,783.07</b>
Payment Due By:	<b>December 4, 2020</b>



WE KEEP LIFE FLOWING™



P.O. BOX 91623  
RANTOUL, IL 61866-8623

Service to: 1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

Amount Enclosed \$

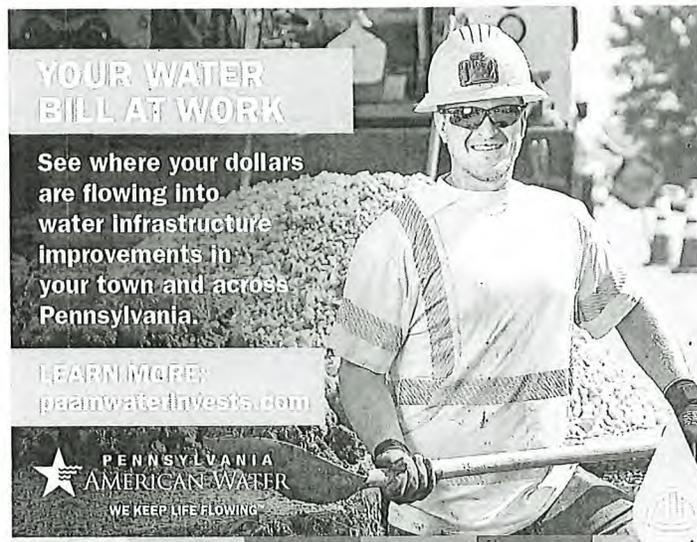
BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

PENNSYLVANIA AMERICAN WATER  
PO BOX 371412  
PITTSBURGH, PA. 15250-7412

00010242200333027390000000032878307011

## Messages from Pennsylvania American Water

- We noticed that you've paid your bill through other means than mail for the past six months. That's great! Starting this month, we'll stop including that pesky return envelope. One less piece of paper to throw away. And, if you ever want us to include it again, just call.
- Approximately 5.07 percent, or \$1,640.39 of state taxes are included in your current bill.
- Any portion of the wastewater charges which is not paid as of 12/04/2020 will be subject to a 1.50% penalty.



**CUSTOMER SERVICE: 1-800-565-7292**  
 HOURS: M-F, 7am-7pm ▪ Emergencies: 24/7  
 TTY/TDD FOR THE HEARING IMPAIRED: 711  
 (and then reference Customer Service number listed above)

### SERVICES

- Go Paperless:** Save time. Save money. Sign up for Paperless Billing and Auto Pay on My Account at [amwater.com/myaccount](http://amwater.com/myaccount). Not registered? Log in and be sure to have your account number handy.
- Water Quality:** We take water quality seriously. When it comes to complying with federal drinking water standards, we consistently score better than the industry average. For a copy of the annual water quality report for your area, visit [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Water Quality, select Water Quality Reports.
- H2O Help To Others:** This program helps low-income customers who qualify with their water bills. For more information, contact our program administrator, the Dollar Energy Fund, at 1-888-282-6816.

### EXPLANATION OF FEES AND OTHER TERMS

- Distribution System Improvement Charge (DSIC):** A charge to replace aging facilities, such as mains, meters, fire hydrants, valves, etc. This charge, as approved by the Pennsylvania Public Utility Commission (PUC), will change every three months based on work completed. It will not exceed 7.5% of your bill.
- Payment by Check:** Paying by check authorizes American Water to send the information from your check electronically to your bank for payment. The transaction will appear on your bank statement. The physical check will not be presented to your financial institution or returned to you.

- State Tax Surcharges:** This PUC-approved charge allows the company to recover costs specific to state taxes.
- Estimated Bill:** This occurs when we are unable to read the water meter. Your usage from the same billing period the prior year is used to calculate the estimated bill. The next actual meter reading corrects any over or under estimates.
- Inquiries/Disputes:** For inquiries about your bill, please register any question or complaint about the bill prior to the due date. Contact customer service Monday-Friday from 7 a.m. to 7 p.m. by calling 1-800-565-7292. To register your complaint by mail, send written correspondence to PO Box 578, Alton, IL 62002-0578.
- Rates:** A detailed listing of charges that make up your bill is available upon request by contacting Customer Service or visiting us online at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Customer Service & Billing, select Your Water and Wastewater Rates.
- Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 1-888-378-4458.
- Correspondence:** Please send written correspondence to PO Box 578, Alton, IL 62002-0578. Be sure to include your name, account number, service address, mailing address and phone number including area code. Please do not send correspondence with your payment, as it may delay processing your payment and correspondence.

**H2O HELP TO OTHERS PROGRAM - lend a hand to customers in need**

I'm adding a one time contribution of \$ \_\_\_\_\_ with my payment.

I'd like to add a recurring contribution to each bill of \$ \_\_\_\_\_. I understand this amount will be added to each bill.

Address Change(s) \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip Code \_\_\_\_\_

( ) \_\_\_\_\_  
Phone Number \_\_\_\_\_

Mobile Number \_\_\_\_\_

E-mail Address \_\_\_\_\_

### Other ways to pay your bill

<input checked="" type="checkbox"/>	<b>Auto Pay</b>	<input type="checkbox"/>	<b>Online</b>	<input type="checkbox"/>	<b>In Person</b>
<p>Save time and money. Enroll in Auto Pay, and your bill will be paid on time, every time, directly from your bank account on the due date. No stamps required!</p>		<p>With My Account, you can pay your bill anytime, anywhere. Registration is fast and easy. Visit <a href="http://www.amwater.com/MyAccount">www.amwater.com/MyAccount</a> or pay without registration at <a href="http://www.amwater.com/billpay">www.amwater.com/billpay</a> (fee may apply).</p>		<p>We have agreements with several authorized payment locations in our service areas. Visit our website to find one near you.</p>	



WE KEEP LIFE FLOWING™

**Account Detail**

Account No. 1024-220033302739

Service To: 1100 LINCOLN RD BIRDSBORO, PA 19508-1804

Prior Billing	318,428.31
Payments	-22,000.00
Total payments as of Oct 9. Thank you!	
	-22,000.00
<b>Balance Forward - Past Due</b>	<b>296,428.31</b>
Fees and Adjustments	0.00
Service Related Charges - 10/08/20 to 11/11/20	
<b>Special Billing Account Adjustment - 10/05/20 to 11/05/20</b>	
Wastewater Service	32,354.76
Wastewater Service Charge	63.16
Wastewater Usage Charge	32,291.60
<b>Bill Period - 10/08/20 to 11/11/20</b>	
Wastewater Service	0.00
Wastewater Flat Charge (1 x \$0.00)	0.00
<b>Total Service Related Charges</b>	<b>32,354.76</b>
<b>Total Current Period Charges</b>	<b>32,354.76</b>

Total Amount Due



**\$328,783.07**

**Understanding Your Bill**

The information below defines some of the new terms you may find on your bill:

- **Service Related Charges:** This section includes charges for services related to water, wastewater and fire protection. If applicable, credits and debits for correction to previously billed charges are itemized in this section.
- **Fees and Adjustments:** This section provides details related to additional charges or adjustments for the service period referenced. Fees, when applicable, would include items such as service activation and late payment charges.
- **Billing Units:** One billing unit equals 100 gallons of water used. If the meter serving your property measures your water use in cubic feet or a different unit of measure, we convert the usage to gallons to make it easier to understand.
- **Average Daily Use:** The gallons shown in the water droplet above represent your average daily water use for the current billing period. Tracking the amount of water you use can help you manage your overall water use from month to month.
- **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 888-378-4458.
- **Still have questions?** We are here to help. Our customer service representatives are available M-F, 7 a.m. to 7 p.m. More information on understanding your bill and charges can also be found on our website. See the link below.

For more information about your charges and rates, please visit:  
<https://amwater.com/paaw/rates>

<This page is intentionally left blank and reserved for future messages>



WE KEEP LIFE FLOWING™

Service Address:  
BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804



THANK YOU FOR BEING OUR CUSTOMER.

### Monthly Statement

Account No. **1024-220033302739**

Total Amount Due:	<b>\$341,248.83</b>
Payment Due By:	<b>January 4, 2021</b>

A portion of your account balance is past due. Please see account messages for more information.

Billing Date: December 10, 2020  
Service Period: Nov 12 to Dec 09 (28 Days)

### Important Account Messages

- The Due Date shown on your bill applies to current charges only. **However, \$318,783.07 is past due and could result in disconnection of service if not paid immediately.** To see if other payment options are available, please contact us.
- Your current bill contains an additional charge. To learn more, refer to the Account Detail section. If needed, please contact us to discuss an extended payment agreement.

For more information, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com)

### Account Summary – See page 3 for Account Detail

Prior Billing:	\$328,783.07
Payments - Thank You!	\$10,000.00
Balance Forward - Past Due	\$318,783.07
Service Related Charges:	\$22,465.76
<b>Total Amount Due:</b>	<b>\$341,248.83</b>

View your account information or pay your bill anytime at: [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount)

Pay by Phone\*: Pay anytime at 1-855-748-6066  
\*A convenience fee may apply

Customer Service: 1-800-565-7292  
M-F 7:00am to 7:00pm – Emergencies 24/7

▼ Please return bottom portion with your payment. DO NOT send cash. Retain upper portion for your records. ▼

Account No. **1024-220033302739**



P.O. BOX 91623  
RANTOUL, IL 61866-8623

Total Amount Due:	<b>\$341,248.83</b>
Payment Due By:	<b>January 4, 2021</b>

Service to: 1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

Amount Enclosed \$

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

PENNSYLVANIA AMERICAN WATER  
PO BOX 371412  
PITTSBURGH, PA. 15250-7412

00010242200333027390000000034124883019

## Messages from Pennsylvania American Water

- Approximately 5.07 percent, or \$1,139.01 of state taxes are included in your current bill.
- Any portion of the wastewater charges which is not paid as of 2021-01-04 will be subject to a 1.50% penalty.

What's the best way to reach you

**IN CASE OF AN EMERGENCY**



We use a high-speed notification system to quickly alert customers via phone, text and email when water emergencies occur. Visit **My Account** at [www.amwater.com/myaccount](http://www.amwater.com/myaccount) to choose how you want to be notified and enter your contact information.

**CUSTOMER SERVICE: 1-800-565-7292**  
 HOURS: M-F, 7am-7pm ▪ Emergencies: 24/7  
 TTY/TDD FOR THE HEARING IMPAIRED: 711  
 (and then reference Customer Service number listed above)

### SERVICES

**Go Paperless:** Save time. Save money. Sign up for **Paperless Billing and Auto Pay** on My Account at [amwater.com/myaccount](http://amwater.com/myaccount). Not registered? Log in and be sure to have your account number handy.

**Water Quality:** We take water quality seriously. When it comes to complying with federal drinking water standards, we consistently score better than the industry average. For a copy of the annual water quality report for your area, visit [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Water Quality, select Water Quality Reports.

**H2O Help To Others:** This program helps low-income customers who qualify with their water bills. For more information, contact our program administrator, the Dollar Energy Fund, at 1-888-282-6816.

### EXPLANATION OF FEES AND OTHER TERMS

**Distribution System Improvement Charge (DSIC):** A charge to replace aging facilities, such as mains, meters, fire hydrants, valves, etc. This charge, as approved by the Pennsylvania Public Utility Commission (PUC), will change every three months based on work completed. It will not exceed 7.5% of your bill.

**Payment by Check:** Paying by check authorizes American Water to send the information from your check electronically to your bank for payment. The transaction will appear on your bank statement. The physical check will not be presented to your financial institution or returned to you.

**State Tax Surcharges:** This PUC-approved charge allows the company to recover costs specific to state taxes.

**Estimated Bill:** This occurs when we are unable to read the water meter. Your usage from the same billing period the prior year is used to calculate the estimated bill. The next actual meter reading corrects any over or under estimates.

**Inquiries/Disputes:** For inquiries about your bill, please register any question or complaint about the bill prior to the due date. Contact customer service Monday–Friday from 7 a.m. to 7 p.m. by calling 1-800-565-7292. To register your complaint by mail, send written correspondence to PO Box 578, Alton, IL 62002-0578.

**Rates:** A detailed listing of charges that make up your bill is available upon request by contacting Customer Service or visiting us online at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Customer Service & Billing, select Your Water and Wastewater Rates.

**Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 1-888-378-4458.

**Correspondence:** Please send written correspondence to PO Box 578, Alton, IL 62002-0578. Be sure to include your name, account number, service address, mailing address and phone number including area code. Please do not send correspondence with your payment, as it may delay processing your payment and correspondence.

#### H2O HELP TO OTHERS PROGRAM - lend a hand to customers in need

- I'm adding a one time contribution of \$\_\_\_\_\_ with my payment.
- I'd like to add a recurring contribution to each bill of \$\_\_\_\_\_. I understand this amount will be added to each bill.

#### Address Change(s)

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip Code \_\_\_\_\_

( ) \_\_\_\_\_  Mobile Number

Phone Number \_\_\_\_\_

E-mail Address \_\_\_\_\_

#### Other ways to pay your bill



**Auto Pay**

Save time and money. Enroll in Auto Pay, and your bill will be paid on time, every time, directly from your bank account on the due date. No stamps required!



**Online**

With My Account, you can pay your bill anytime, anywhere. Registration is fast and easy. Visit [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount) or pay without registration at [www.amwater.com/billpay](http://www.amwater.com/billpay) (fee may apply).



**In Person**

We have agreements with several authorized payment locations in our service areas. Visit our website to find one near you.



WE KEEP LIFE FLOWING™

**Account Detail** Account No. 1024-220033302739  
Service To: 1100 LINCOLN RD BIRDSBORO, PA 19508-1804

Prior Billing	328,783.07
Payments	-10,000.00
Total payments as of Nov 24. Thank you!	-10,000.00
<b>Balance Forward - Past Due</b>	<b>318,783.07</b>
<b>Service Related Charges - 11/12/20 to 12/09/20</b>	
<b>Special Billing Account Adjustment - 11/05/20 to 12/03/20</b>	
Wastewater Service	22,465.76
Wastewater Service Charge	63.16
Wastewater Usage Charge	22,402.60
<b>Bill Period - 11/12/20 to 12/09/20</b>	
Wastewater Service	0.00
Wastewater Flat Charge (1 x \$0.00)	0.00
<b>Total Service Related Charges</b>	<b>22,465.76</b>
<b>Total Current Period Charges</b>	<b>22,465.76</b>

**Total Amount Due**  **\$341,248.83**

## Understanding Your Bill

The information below defines some of the new terms you may find on your bill:

- **Service Related Charges:** This section includes charges for services related to water, wastewater and fire protection. If applicable, credits and debits for correction to previously billed charges are itemized in this section.
- **Fees and Adjustments:** This section provides details related to additional charges or adjustments for the service period referenced. Fees, when applicable, would include items such as service activation and late payment charges.
- **Billing Units:** One billing unit equals 100 gallons of water used. If the meter serving your property measures your water use in cubic feet or a different unit of measure, we convert the usage to gallons to make it easier to understand.
- **Average Daily Use:** The gallons shown in the water droplet above represent your average daily water use for the current billing period. Tracking the amount of water you use can help you manage your overall water use from month to month.
- **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 888-378-4458.
- **Still have questions?** We are here to help. Our customer service representatives are available M-F, 7 a.m. to 7 p.m. More information on understanding your bill and charges can also be found on our website. See the link below.

For more information about your charges and rates, please visit:  
<https://amwater.com/paaw/rates>

<This page is intentionally left blank and reserved for future messages>



WE KEEP LIFE FLOWING™

Service Address:

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804



THANK YOU FOR BEING OUR CUSTOMER.

Important Account Messages

- The Due Date shown on your bill applies to current charges only. However, \$321,248.83 is past due and could result in disconnection of service if not paid immediately. To see if other payment options are available, please contact us.
- Your current bill contains an additional charge. To learn more, refer to the Account Detail section. If needed, please contact us to discuss an extended payment agreement.

For more information, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com)

Statement

Account No. 1024-220033302739

Total Amount Due:	\$484,396.90
Payment Due By:	February 5, 2021

A portion of your account balance is past due. Please see account messages for more information.

Billing Date: January 14, 2021  
Service Period: Dec 10 to Jan 13 (35 Days)

Account Summary – See page 3 for Account Detail

Prior Billing:	\$341,248.83
Payments - Thank You!	\$20,000.00
Balance Forward - Past Due	\$321,248.83
Fees and Adjustments:	\$134,786.31
Service Related Charges:	\$28,361.76
Total Amount Due:	\$484,396.90



View your account information or pay your bill anytime at: [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount)



Pay by Phone\*: Pay anytime at 1-855-748-6066  
\*A convenience fee may apply



Customer Service: 1-800-565-7292  
M-F 7:00am to 7:00pm – Emergencies 24/7.

Please return bottom portion with your payment. DO NOT send cash. Retain upper portion for your records.

Account No. 1024-220033302739

Total Amount Due:	\$484,396.90
Payment Due By:	February 5, 2021



WE KEEP LIFE FLOWING™



P.O. BOX 91623  
RANTOUL, IL 61866-8623

Service to: 1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

Amount Enclosed \$

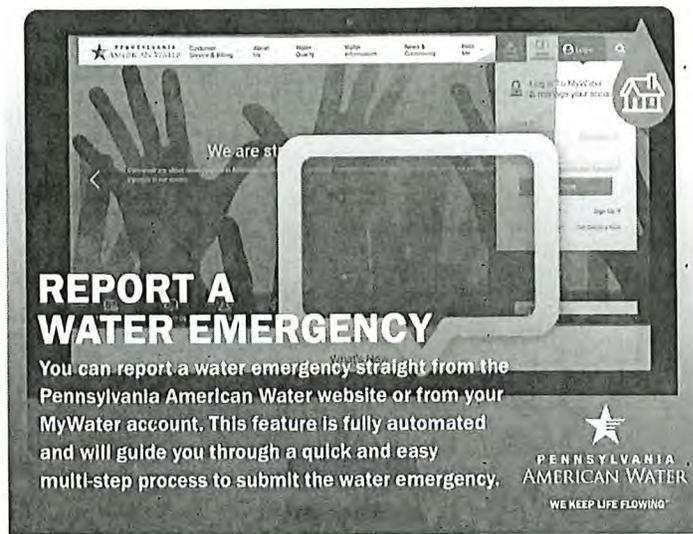
BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

PENNSYLVANIA AMERICAN WATER  
PO BOX 371412  
PITTSBURGH, PA. 15250-7412

00010242200333027390000000048439690018

## Messages from Pennsylvania American Water

- Effective Jan. 1, 2021, the Water Distribution System Improvement Charge increased from 6.19% to 7.5%. This charge funds the replacement of water distribution system facilities.
- Approximately 5.07 percent, or \$8,271.61 of state taxes are included in your current bill.
- Any portion of the wastewater charges which is not paid as of 2021-02-05 will be subject to a 1.50% penalty.



**CUSTOMER SERVICE: 1-800-565-7292**  
 HOURS: M-F, 7am-7pm ▪ Emergencies: 24/7  
 TTY/TDD FOR THE HEARING IMPAIRED: 711  
 (and then reference Customer Service number listed above)

### SERVICES

**Go Paperless:** Save time. Save money. Sign up for **Paperless Billing and Auto Pay** on My Account at [amwater.com/myaccount](http://amwater.com/myaccount). Not registered? Log in and be sure to have your account number handy.

**Water Quality:** We take water quality seriously. When it comes to complying with federal drinking water standards, we consistently score better than the industry average. For a copy of the annual water quality report for your area, visit [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Water Quality, select Water Quality Reports.

**H2O Help To Others:** This program helps low-income customers who qualify with their water bills. For more information, contact our program administrator, the Dollar Energy Fund, at 1-888-282-6816.

### EXPLANATION OF FEES AND OTHER TERMS

**Distribution System Improvement Charge (DSIC):** A charge to replace aging facilities, such as mains, meters, fire hydrants, valves, etc. This charge, as approved by the Pennsylvania Public Utility Commission (PUC), will change every three months based on work completed. It will not exceed 7.5% of your bill.

**Payment by Check:** Paying by check authorizes American Water to send the information from your check electronically to your bank for payment. The transaction will appear on your bank statement. The physical check will not be presented to your financial institution or returned to you.

**State Tax Surcharges:** This PUC-approved charge allows the company to recover costs specific to state taxes.

**Estimated Bill:** This occurs when we are unable to read the water meter. Your usage from the same billing period the prior year is used to calculate the estimated bill. The next actual meter reading corrects any over or under estimates.

**Inquiries/Disputes:** For inquiries about your bill, please register any question or complaint about the bill prior to the due date. Contact customer service Monday–Friday from 7 a.m. to 7 p.m. by calling 1-800-565-7292. To register your complaint by mail, send written correspondence to PO Box 578, Alton, IL 62002-0578.

**Rates:** A detailed listing of charges that make up your bill is available upon request by contacting Customer Service or visiting us online at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Customer Service & Billing, select Your Water and Wastewater Rates.

**Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 1-888-378-4458.

**Correspondence:** Please send written correspondence to PO Box 578, Alton, IL 62002-0578. Be sure to include your name, account number, service address, mailing address and phone number including area code. Please do not send correspondence with your payment, as it may delay processing your payment and correspondence.

#### H2O HELP TO OTHERS PROGRAM - lend a hand to customers in need

- I'm adding a one time contribution of \$ \_\_\_\_\_ with my payment.
- I'd like to add a recurring contribution to each bill of \$ \_\_\_\_\_. I understand this amount will be added to each bill.

#### Address Change(s)

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip Code \_\_\_\_\_

( ) \_\_\_\_\_  
 Phone Number \_\_\_\_\_

Mobile Number \_\_\_\_\_

E-mail Address \_\_\_\_\_

#### Other ways to pay your bill

- Auto Pay**  **Online**  **In Person**

Save time and money. Enroll in Auto Pay, and your bill will be paid on time, every time, directly from your bank account on the due date. No stamps required!

With My Account, you can pay your bill anytime, anywhere. Registration is fast and easy. Visit [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount) or pay without registration at [www.amwater.com/billpay](http://www.amwater.com/billpay) (fee may apply).

We have agreements with several authorized payment locations in our service areas. Visit our website to find one near you.

**Account Detail**

Account No. 1024-220033302739

Service To: 1100 LINCOLN RD BIRDSBORO, PA 19508-1804

Prior Billing	341,248.83
Payments	-20,000.00
Total payments as of Dec 29. Thank you!	
	-20,000.00
<b>Balance Forward - Past Due</b>	<b>321,248.83</b>
<b>Fees and Adjustments</b>	<b>134,786.31</b>
Surcharge for IPP	
	134,786.31
<b>Service Related Charges - 12/10/20 to 01/13/21</b>	
<b>Special Billing Account Adjustment - 12/03/20 to 01/05/21</b>	
 Wastewater Service	28,361.76
Wastewater Service Charge	
	63.16
Wastewater Usage Charge	
	28,298.60
<b>Bill Period - 12/10/20 to 01/13/21</b>	
 Wastewater Service	0.00
Wastewater Flat Charge (1 x \$0.00)	
	0.00
<b>Total Service Related Charges</b>	<b>28,361.76</b>
<b>Total Current Period Charges</b>	<b>163,148.07</b>

**Total Amount Due**  **\$484,396.90**

**Understanding Your Bill**

The information below defines some of the new terms you may find on your bill:

- **Service Related Charges:** This section includes charges for services related to water, wastewater and fire protection. If applicable, credits and debits for correction to previously billed charges are itemized in this section.
- **Fees and Adjustments:** This section provides details related to additional charges or adjustments for the service period referenced. Fees, when applicable, would include items such as service activation and late payment charges.
- **Billing Units:** One billing unit equals 100 gallons of water used. If the meter serving your property measures your water use in cubic feet or a different unit of measure, we convert the usage to gallons to make it easier to understand.
- **Average Daily Use:** The gallons shown in the water droplet above represent your average daily water use for the current billing period. Tracking the amount of water you use can help you manage your overall water use from month to month.
- **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 888-378-4458.
- **Still have questions?** We are here to help. Our customer service representatives are available M-F, 7 a.m. to 7 p.m. More information on understanding your bill and charges can also be found on our website. See the link below.

For more information about your charges and rates, please visit: <https://amwater.com/paaw/rates>

<This page is intentionally left blank and reserved for future messages>



WE KEEP LIFE FLOWING™

Service Address:

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804



THANK YOU FOR BEING OUR CUSTOMER.

Important Account Messages

- Your current bill contains an additional charge. To learn more, refer to the Account Detail section. If needed, please contact us to discuss an extended payment agreement.
- This bill reflects an extended or partial billing period. As a result, a portion of your charges may be prorated accordingly to represent actual days of service received. Please refer to Account Detail for more information.

For more information, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com)

Statement

Account No. 1024-220033302739

Total Amount Due:	\$452,534.25
Payment Due By:	February 16, 2021

Billing Date: January 22, 2021  
Service Period:

Account Summary – See page 3 for Account Detail

Prior Billing:	\$484,396.90
Payments:	\$0.00
<b>Balance Forward:</b>	<b>\$484,396.90</b>
Service Related Charges:	\$31,862.65
<b>Total Amount Due:</b>	<b>\$452,534.25</b>



View your account information or pay your bill anytime at: [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount)



Pay by Phone\*: Pay anytime at 1-855-748-6066  
\*A convenience fee may apply



Customer Service: 1-800-565-7292  
M-F 7:00am to 7:00pm – Emergencies 24/7

Please return bottom portion with your payment. DO NOT send cash. Retain upper portion for your records.

Account No. 1024-220033302739

Total Amount Due:	\$452,534.25
Payment Due By:	February 16, 2021



WE KEEP LIFE FLOWING™



P.O. BOX 91623  
RANTOUL, IL 61866-8623

Service to: 1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

Amount Enclosed \$

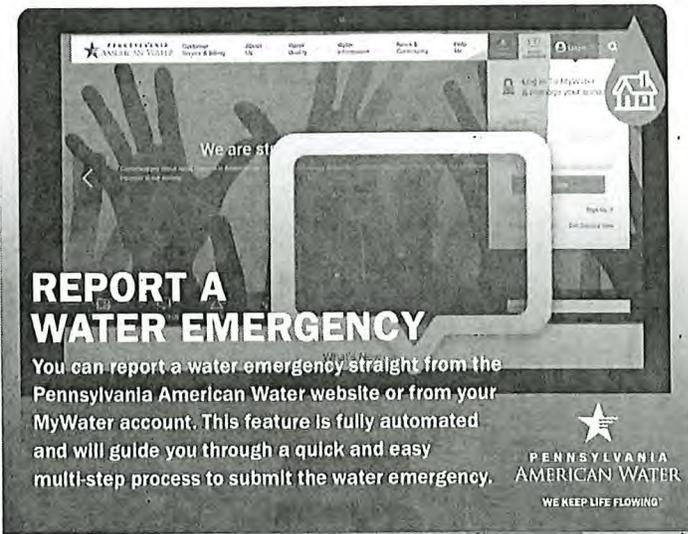
BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

PENNSYLVANIA AMERICAN WATER  
PO BOX 371412  
PITTSBURGH, PA. 15250-7412

00010242200333027390000000045253425018

Messages from Pennsylvania American Water

- Effective Jan. 1, 2021, the Water Distribution System Improvement Charge increased from 6.19% to 7.5%. This charge funds the replacement of water distribution system facilities.
- Approximately 5.07 percent, or -\$1,615.44 of state taxes are included in your current bill.



**CUSTOMER SERVICE: 1-800-565-7292**  
 HOURS: M-F, 7am-7pm ▪ Emergencies: 24/7  
 TTY/TDD FOR THE HEARING IMPAIRED: 711  
 (and then reference Customer Service number listed above)

**SERVICES**

**Go Paperless:** Save time. Save money. Sign up for Paperless Billing and Auto Pay on My Account at [amwater.com/myaccount](http://amwater.com/myaccount). Not registered? Log in and be sure to have your account number handy.

**Water Quality:** We take water quality seriously. When it comes to complying with federal drinking water standards, we consistently score better than the industry average. For a copy of the annual water quality report for your area, visit [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Water Quality, select Water Quality Reports.

**H2O Help To Others:** This program helps low-income customers who qualify with their water bills. For more information, contact our program administrator, the Dollar Energy Fund, at 1-888-282-6816.

**EXPLANATION OF FEES AND OTHER TERMS**

**Distribution System Improvement Charge (DSIC):** A charge to replace aging facilities, such as mains, meters, fire hydrants, valves, etc. This charge, as approved by the Pennsylvania Public Utility Commission (PUC), will change every three months based on work completed. It will not exceed 7.5% of your bill.

**Payment by Check:** Paying by check authorizes American Water to send the information from your check electronically to your bank for payment. The transaction will appear on your bank statement. The physical check will not be presented to your financial institution or returned to you.

- State Tax Surcharges:** This PUC-approved charge allows the company to recover costs specific to state taxes.
- Estimated Bill:** This occurs when we are unable to read the water meter. Your usage from the same billing period the prior year is used to calculate the estimated bill. The next actual meter reading corrects any over or under estimates.
- Inquiries/Disputes:** For inquiries about your bill, please register any question or complaint about the bill prior to the due date. Contact customer service Monday–Friday from 7 a.m. to 7 p.m. by calling 1-800-565-7292. To register your complaint by mail, send written correspondence to PO Box 578, Alton, IL 62002-0578.
- Rates:** A detailed listing of charges that make up your bill is available upon request by contacting Customer Service or visiting us online at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Customer Service & Billing, select Your Water and Wastewater Rates.
- Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 1-888-378-4458.
- Correspondence:** Please send written correspondence to PO Box 578, Alton, IL 62002-0578. Be sure to include your name, account number, service address, mailing address and phone number including area code. Please do not send correspondence with your payment, as it may delay processing your payment and correspondence.

**H2O HELP TO OTHERS PROGRAM - lend a hand to customers in need**

I'm adding a one time contribution of \$ \_\_\_\_\_ with my payment.

I'd like to add a recurring contribution to each bill of \$ \_\_\_\_\_. I understand this amount will be added to each bill.

Address Change(s) \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip Code \_\_\_\_\_

( ) \_\_\_\_\_  
 Phone Number \_\_\_\_\_  Mobile Number \_\_\_\_\_

E-mail Address \_\_\_\_\_

**Other ways to pay your bill**

<input checked="" type="checkbox"/>	<b>Auto Pay</b>	<input type="checkbox"/>	<b>Online</b>	<input type="checkbox"/>	<b>In Person</b>
<p>Save time and money. Enroll in Auto Pay, and your bill will be paid on time, every time, directly from your bank account on the due date. No stamps required!</p>		<p>With My Account, you can pay your bill anytime, anywhere. Registration is fast and easy. Visit <a href="http://www.amwater.com/MyAccount">www.amwater.com/MyAccount</a> or pay without registration at <a href="http://www.amwater.com/billpay">www.amwater.com/billpay</a> (fee may apply).</p>		<p>We have agreements with several authorized payment locations in our service areas. Visit our website to find one near you.</p>	



WE KEEP LIFE FLOWING™

**Account Detail** Account No. 1024-220033302739  
Service To: 1100 LINCOLN RD BIRDSBORO, PA 19508-1804

Prior Billing	484,396.90
Payments	0.00
<b>Balance Forward</b>	<b>484,396.90</b>
Service Related Charges - 00/00/00 to 00/00/00	
Other Charges	-31,862.65
Surcharge for IPP	-31,862.65
<b>Total Service Related Charges</b>	<b>-31,862.65</b>
<b>Total Current Period Charges</b>	<b>-31,862.65</b>

**Total Amount Due**  **\$452,534.25**

## Understanding Your Bill

The information below defines some of the new terms you may find on your bill:

- **Service Related Charges:** This section includes charges for services related to water, wastewater and fire protection. If applicable, credits and debits for correction to previously billed charges are itemized in this section.
- **Fees and Adjustments:** This section provides details related to additional charges or adjustments for the service period referenced. Fees, when applicable, would include items such as service activation and late payment charges.
- **Billing Units:** One billing unit equals 100 gallons of water used. If the meter serving your property measures your water use in cubic feet or a different unit of measure, we convert the usage to gallons to make it easier to understand.
- **Average Daily Use:** The gallons shown in the water droplet above represent your average daily water use for the current billing period. Tracking the amount of water you use can help you manage your overall water use from month to month.
- **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 888-378-4458.
- **Still have questions?** We are here to help. Our customer service representatives are available M-F, 7 a.m. to 7 p.m. More information on understanding your bill and charges can also be found on our website. See the link below.

For more information about your charges and rates, please visit:  
<https://amwater.com/paaw/rates>

<This page is intentionally left blank and reserved for future messages>



WE KEEP LIFE FLOWING™

Service Address:

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804



THANK YOU FOR BEING OUR CUSTOMER.

Important Account Messages

- The Due Date shown on your bill applies to current charges only. However, \$447,534.25 is past due and should be paid immediately. To set up a payment arrangement or see what other bill assistance options may be available to you, please contact us.
- Your current bill contains an additional charge. To learn more, refer to the Account Detail section. If needed, please contact us to discuss an extended payment agreement.

For more information, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com)

Statement

Account No. 1024-220033302739

Total Amount Due:	\$469,637.01
Payment Due By:	March 11, 2021

A portion of your account balance is past due. Please see account messages for more information.

Billing Date: February 17, 2021  
 Service Period: Jan 14 to Feb 10 (28 Days)

Account Summary – See page 3 for Account Detail

Prior Billing:	\$452,534.25
Payments - Thank You!	\$5,000.00
Balance Forward - Past Due	\$447,534.25
Service Related Charges:	\$22,102.76
Total Amount Due:	\$469,637.01



View your account information or pay your bill anytime at: [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount)



Pay by Phone\*: Pay anytime at 1-855-748-6066  
\*A convenience fee may apply



Customer Service: 1-800-565-7292  
M-F 7:00am to 7:00pm – Emergencies 24/7

Please return bottom portion with your payment. DO NOT send cash. Retain upper portion for your records.

Account No. 1024-220033302739

Total Amount Due:	\$469,637.01
Payment Due By:	March 11, 2021



WE KEEP LIFE FLOWING™



P.O. BOX 91623  
RANTOUL, IL 61866-8623

Service to: 1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

Amount Enclosed \$

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

PENNSYLVANIA AMERICAN WATER  
PO BOX 371412  
PITTSBURGH, PA. 15250-7412

00010242200333027390000000046963701011

## Messages from Pennsylvania American Water

- Effective Jan. 1, 2021, the Water Distribution System Improvement Charge increased from 6.19% to 7.5%. This charge funds the replacement of water distribution system facilities.
- Approximately 5.07 percent, or \$1,120.61 of state taxes are included in your current bill.
- Any portion of the wastewater charges which is not paid as of 2021-03-11 will be subject to a 1.50% penalty.



**WE ALL NEED A LITTLE HELP SOMETIMES**

Learn more about financial assistance available through our **H2O Help to Others Program™** at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Customer Service & Billing, select Customer Assistance Programs.




**CUSTOMER SERVICE: 1-800-565-7292**  
 HOURS: M-F, 7am-7pm ▪ Emergencies: 24/7  
 TTY/TDD FOR THE HEARING IMPAIRED: 711  
 (and then reference Customer Service number listed above)

### SERVICES

**Go Paperless:** Save time. Save money. Sign up for **Paperless Billing and Auto Pay** on My Account at [amwater.com/myaccount](http://amwater.com/myaccount). Not registered? Log in and be sure to have your account number handy.

**Water Quality:** We take water quality seriously. When it comes to complying with federal drinking water standards, we consistently score better than the industry average. For a copy of the annual water quality report for your area, visit [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Water Quality, select Water Quality Reports.

**H2O Help To Others:** This program helps low-income customers who qualify with their water bills. For more information, contact our program administrator, the Dollar Energy Fund, at 1-888-282-6816.

### EXPLANATION OF FEES AND OTHER TERMS

**Distribution System Improvement Charge (DSIC):** A charge to replace aging facilities, such as mains, meters, fire hydrants, valves, etc. This charge, as approved by the Pennsylvania Public Utility Commission (PUC), will change every three months based on work completed. It will not exceed 7.5% of your bill.

**Payment by Check:** Paying by check authorizes American Water to send the information from your check electronically to your bank for payment. The transaction will appear on your bank statement. The physical check will not be presented to your financial institution or returned to you.

**State Tax Surcharges:** This PUC-approved charge allows the company to recover costs specific to state taxes.

**Estimated Bill:** This occurs when we are unable to read the water meter. Your usage from the same billing period the prior year is used to calculate the estimated bill. The next actual meter reading corrects any over or under estimates.

**Inquiries/Djsputes:** For inquiries about your bill, please register any question or complaint about the bill prior to the due date. Contact customer service Monday–Friday from 7 a.m. to 7 p.m. by calling 1-800-565-7292. To register your complaint by mail, send written correspondence to PO Box 578, Alton, IL 62002-0578.

**Rates:** A detailed listing of charges that make up your bill is available upon request by contacting Customer Service or visiting us online at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Customer Service & Billing, select Your Water and Wastewater Rates.

**Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 1-888-378-4458.

**Correspondence:** Please send written correspondence to PO Box 578, Alton, IL 62002-0578. Be sure to include your name, account number, service address, mailing address and phone number including area code. Please do not send correspondence with your payment, as it may delay processing your payment and correspondence.

#### H2O HELP TO OTHERS PROGRAM - lend a hand to customers in need

- I'm adding a one time contribution of \$ \_\_\_\_\_ with my payment.
- I'd like to add a recurring contribution to each bill of \$ \_\_\_\_\_. I understand this amount will be added to each bill.

#### Address Change(s)

\_\_\_\_\_  
 Name

\_\_\_\_\_  
 Address

\_\_\_\_\_  
 City

\_\_\_\_\_  
 State

\_\_\_\_\_  
 Zip Code

(\_\_\_\_) \_\_\_\_\_  
 Phone Number

Mobile Number

\_\_\_\_\_  
 E-mail Address

#### Other ways to pay your bill



**Auto Pay**



**Online**



**In Person**

Save time and money. Enroll in Auto Pay, and your bill will be paid on time, every time, directly from your bank account on the due date. No stamps required!

With My Account, you can pay your bill anytime, anywhere. Registration is fast and easy. Visit [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount) or pay without registration at [www.amwater.com/billpay](http://www.amwater.com/billpay) (fee may apply).

We have agreements with several authorized payment locations in our service areas. Visit our website to find one near you.



WE KEEP LIFE FLOWING™

**Account Detail**

Account No. 1024-220033302739

Service To: 1100 LINCOLN RD BIRDSBORO, PA 19508-1804

Prior Billing	452,534.25
Payments	-5,000.00
Total payments as of Jan 29. Thank you!	-5,000.00
<b>Balance Forward - Past Due</b>	<b>447,534.25</b>
<b>Service Related Charges - 01/14/21 to 02/10/21</b>	
<b>Special Billing Account Adjustment - 01/05/21 to 02/04/21</b>	
Wastewater Service	22,102.76
Wastewater Service Charge	63.16
Wastewater Usage Charge	22,039.60
<b>Bill Period - 01/14/21 to 02/10/21</b>	
Wastewater Service	0.00
Wastewater Flat Charge (1 x \$0.00)	0.00
<b>Total Service Related Charges</b>	<b>22,102.76</b>
<b>Total Current Period Charges</b>	<b>22,102.76</b>

**Total Amount Due** **\$469,637.01**

**Understanding Your Bill**

The information below defines some of the new terms you may find on your bill:

- **Service Related Charges:** This section includes charges for services related to water, wastewater and fire protection. If applicable, credits and debits for correction to previously billed charges are itemized in this section.
- **Fees and Adjustments:** This section provides details related to additional charges or adjustments for the service period referenced. Fees, when applicable, would include items such as service activation and late payment charges.
- **Billing Units:** One billing unit equals 100 gallons of water used. If the meter serving your property measures your water use in cubic feet or a different unit of measure, we convert the usage to gallons to make it easier to understand.
- **Average Daily Use:** The gallons shown in the water droplet above represent your average daily water use for the current billing period. Tracking the amount of water you use can help you manage your overall water use from month to month.
- **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 888-378-4458.
- **Still have questions?** We are here to help. Our customer service representatives are available M-F, 7 a.m. to 7 p.m. More information on understanding your bill and charges can also be found on our website. See the link below.

For more information about your charges and rates, please visit:  
<https://amwater.com/paaw/rates>

<This page is intentionally left blank and reserved for future messages>



WE KEEP LIFE FLOWING™

Service Address:

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804



THANK YOU FOR BEING OUR CUSTOMER.

Important Account Messages

- The Due Date shown on your bill applies to current charges only. **However, \$447,637.01 is past due and should be paid immediately.** To set up a payment arrangement or see what other bill assistance options may be available to you, please contact us.
- Your current bill contains an additional charge. To learn more, refer to the Account Detail section. If needed, please contact us to discuss an extended payment agreement.

For more information, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com)

Statement

Account No. **1024-220033302739**

Total Amount Due:	<b>\$488,905.01</b>
Payment Due By:	<b>April 20, 2021</b>

A portion of your account balance is past due. Please see account messages for more information.

Billing Date: March 29, 2021  
Service Period: Feb 11 to Mar 10 (28 Days)

Account Summary – See page 3 for Account Detail

Prior Billing:	\$469,637.01
Payments - Thank You!	\$22,000.00
<b>Balance Forward - Past Due</b>	<b>\$447,637.01</b>
Fees and Adjustments:	\$21,090.24
Service Related Charges:	\$20,177.76
<b>Total Amount Due:</b>	<b>\$488,905.01</b>



View your account information or pay your bill anytime at: [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount)



Pay by Phone\*: Pay anytime at 1-855-748-6066  
\*A convenience fee may apply



Customer Service: 1-800-565-7292  
M-F 7:00am to 7:00pm – Emergencies 24/7

▼ Please return bottom portion with your payment. DO NOT send cash. Retain upper portion for your records. ▼

Account No. **1024-220033302739**

Total Amount Due:	<b>\$488,905.01</b>
Payment Due By:	<b>April 20, 2021</b>



P.O. BOX 91623  
RANTOUL, IL 61866-8623

Service to: 1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

Amount Enclosed \$

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

PENNSYLVANIA AMERICAN WATER  
PO BOX 371412  
PITTSBURGH, PA. 15250-7412

00010242200333027390000000048890501019

## Messages from Pennsylvania American Water

- The PA Public Utility Commission recently approved a 2-year stepped-in wastewater rate increase for Pennsylvania American Water, effective Jan. 28, 2021. The average monthly residential wastewater bill increased by \$21.06 (49%) in 2021, and will increase in Jan. 2022 by \$13.29 (21%). The increase for Exeter wastewater rates includes lowering the minimum charge and eliminating the usage allowance. This makes Exeter rates more consistent with Pennsylvania American Water's existing base wastewater rate structure.

What's the best way to reach you

**IN CASE OF AN EMERGENCY**



We use a high-speed notification system to quickly alert customers via phone, text and email when water emergencies occur. Visit **My Account** at [www.amwater.com/myaccount](http://www.amwater.com/myaccount) to choose how you want to be notified and enter your contact information.

**CUSTOMER SERVICE: 1-800-565-7292**  
 HOURS: M-F, 7am-7pm • Emergencies: 24/7  
 TTY/TDD FOR THE HEARING IMPAIRED: 711  
 (and then reference Customer Service number listed above)

### SERVICES

**Go Paperless:** Save time. Save money. Sign up for **Paperless Billing** and **Auto Pay** on My Account at [amwater.com/myaccount](http://amwater.com/myaccount). Not registered? Log in and be sure to have your account number handy.

**Water Quality:** We take water quality seriously. When it comes to complying with federal drinking water standards, we consistently score better than the industry average. For a copy of the annual water quality report for your area, visit [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Water Quality, select Water Quality Reports.

**H2O Help To Others:** This program helps low-income customers who qualify with their water bills. For more information, contact our program administrator, the Dollar Energy Fund, at 1-888-282-6816.

### EXPLANATION OF FEES AND OTHER TERMS

**Distribution System Improvement Charge (DSIC):** A charge to replace aging facilities, such as mains, meters, fire hydrants, valves, etc. This charge, as approved by the Pennsylvania Public Utility Commission (PUC), will change every three months based on work completed. It will not exceed 7.5% of your bill.

**Payment by Check:** Paying by check authorizes American Water to send the information from your check electronically to your bank for payment. The transaction will appear on your bank statement. The physical check will not be presented to your financial institution or returned to you.

**State Tax Surcharges:** This PUC-approved charge allows the company to recover costs specific to state taxes.

**Estimated Bill:** This occurs when we are unable to read the water meter. Your usage from the same billing period the prior year is used to calculate the estimated bill. The next actual meter reading corrects any over or under estimates.

**Inquiries/Disputes:** For inquiries about your bill, please register any question or complaint about the bill prior to the due date. Contact customer service Monday-Friday from 7 a.m. to 7 p.m. by calling 1-800-565-7292. To register your complaint by mail, send written correspondence to PO Box 578, Alton, IL 62002-0578.

**Rates:** A detailed listing of charges that make up your bill is available upon request by contacting Customer Service or visiting us online at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Customer Service & Billing, select Your Water and Wastewater Rates.

**Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 1-888-378-4458.

**Correspondence:** Please send written correspondence to PO Box 578, Alton, IL 62002-0578. Be sure to include your name, account number, service address, mailing address and phone number including area code. Please do not send correspondence with your payment, as it may delay processing your payment and correspondence.

#### H2O HELP TO OTHERS PROGRAM - lend a hand to customers in need

- I'm adding a one time contribution of \$ \_\_\_\_\_ with my payment.
- I'd like to add a recurring contribution to each bill of \$ \_\_\_\_\_. I understand this amount will be added to each bill.

#### Address Change(s)

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip Code \_\_\_\_\_

( ) \_\_\_\_\_  
 Phone Number \_\_\_\_\_  Mobile Number \_\_\_\_\_

E-mail Address \_\_\_\_\_

#### Other ways to pay your bill

 <b>Auto Pay</b>	 <b>Online</b>	 <b>In Person</b>
Save time and money. Enroll in Auto Pay, and your bill will be paid on time, every time, directly from your bank account on the due date. No stamps required!	With My Account, you can pay your bill anytime, anywhere. Registration is fast and easy. Visit <a href="http://www.amwater.com/MyAccount">www.amwater.com/MyAccount</a> or pay without registration at <a href="http://www.amwater.com/billpay">www.amwater.com/billpay</a> (fee may apply).	We have agreements with several authorized payment locations in our service areas. Visit our website to find one near you.

**Account Detail** Account No. 1024-220033302739  
Service To: 1100 LINCOLN RD BIRDSBORO, PA 19508-1804

<b>Prior Billing</b>	<b>469,637.01</b>
<b>Payments</b>	<b>-22,000.00</b>
Total payments as of Feb 23. Thank you!	-22,000.00
<b>Balance Forward - Past Due</b>	<b>447,637.01</b>
<b>Fees and Adjustments</b>	<b>21,090.24</b>
Surcharge for IPP	21,090.24
<b>Service Related Charges - 02/11/21 to 03/10/21</b>	
<b>Special Billing Account Adjustment - 02/04/21 to 03/03/21</b>	
 <b>Wastewater Service</b>	<b>20,177.76</b>
Wastewater Service Charge	63.16
Wastewater Usage Charge	20,114.60
<b>Bill Period - 02/11/21 to 03/10/21</b>	
 <b>Wastewater Service</b>	<b>0.00</b>
Wastewater Flat Charge	
02/11/21 to 03/07/21 (1 x \$0.00)	0.00
03/08/21 to 03/10/21 (1 x \$0.00)	0.00
<b>Total Service Related Charges</b>	<b>20,177.76</b>
<b>Total Current Period Charges</b>	<b>41,268.00</b>

**Total Amount Due**  **\$488,905.01**

## Understanding Your Bill

The information below defines some of the new terms you may find on your bill:

- **Service Related Charges:** This section includes charges for services related to water, wastewater and fire protection. If applicable, credits and debits for correction to previously billed charges are itemized in this section.
- **Fees and Adjustments:** This section provides details related to additional charges or adjustments for the service period referenced. Fees, when applicable, would include items such as service activation and late payment charges.
- **Billing Units:** One billing unit equals 100 gallons of water used. If the meter serving your property measures your water use in cubic feet or a different unit of measure, we convert the usage to gallons to make it easier to understand.
- **Average Daily Use:** The gallons shown in the water droplet above represent your average daily water use for the current billing period. Tracking the amount of water you use can help you manage your overall water use from month to month.
- **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 888-378-4458.
- **Still have questions?** We are here to help. Our customer service representatives are available M-F, 7 a.m. to 7 p.m. More information on understanding your bill and charges can also be found on our website. See the link below.

For more information about your charges and rates, please visit:  
<https://amwater.com/paaw/rates>

## Additional Messages from Pennsylvania American Water

- **ATTENTION EXETER WASTEWATER CUSTOMERS:** If you are also our water customer, there is a "Notice of Proposed Wastewater Acquisition and Rate Base Addition" enclosed with this bill. Please note: The potential water rate impact applies to you, but the potential wastewater rate impact does not apply to you. For Exeter wastewater customers who only receive wastewater service from Pennsylvania American Water, we did not include the notice, because it does not apply to you.

More messaging is available at the following link(s):

<https://amwater.com/files/OAPAPG.pdf>



WE KEEP LIFE FLOWING™

Service Address:

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804



THANK YOU FOR BEING OUR CUSTOMER.

Important Account Messages

- The Due Date shown on your bill applies to current charges only. **However, \$488,905.01 is past due and should be paid immediately.** To set up a payment arrangement or see what other bill assistance options may be available to you, please contact us.
- Your current bill contains an additional charge. To learn more, refer to the Account Detail section. If needed, please contact us to discuss an extended payment agreement.

For more information, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com)



View your account information or pay your bill anytime at: [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount)



Pay by Phone\*: Pay anytime at 1-855-748-6066  
\*A convenience fee may apply



Customer Service: 1-800-565-7292  
M-F 7:00am to 7:00pm – Emergencies 24/7

▼ Please return bottom portion with your payment. DO NOT send cash. Retain upper portion for your records. ▼

Statement

Account No: **1024-220033302739**

Total Amount Due:	<b>\$507,864.79</b>
Payment Due By:	<b>May 13, 2021</b>

A portion of your account balance is past due. Please see account messages for more information.

Billing Date: April 21, 2021  
Service Period: Mar 11 to Apr 14 (35 Days)

Account Summary – See page 3 for Account Detail

Prior Billing:	\$488,905.01
Payments:	\$0.00
Balance Forward - Past Due	\$488,905.01
Fees and Adjustments:	\$619.02
Service Related Charges:	\$18,340.76
Total Amount Due:	<b>\$507,864.79</b>

Account No. **1024-220033302739**

Total Amount Due:	<b>\$507,864.79</b>
Payment Due By:	<b>May 13, 2021</b>

If paying after 5/13/21, pay this amount: \$508,768.21



P.O. BOX 91623  
RANTOUL, IL 61866-8623

Service to: 1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

Amount Enclosed \$

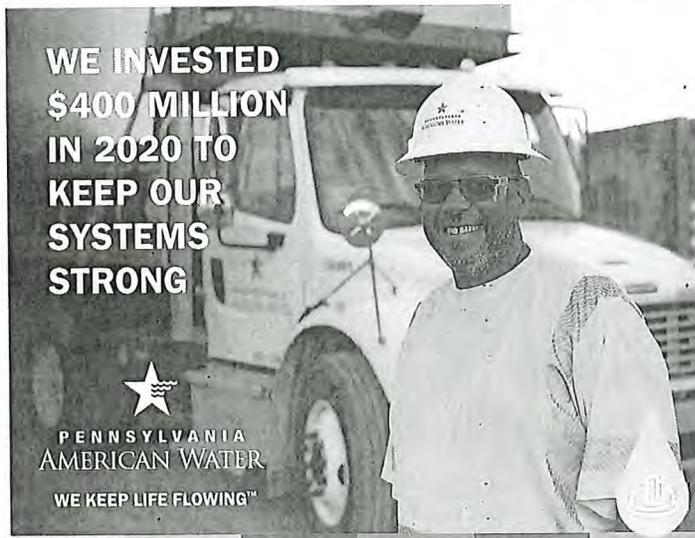
BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

PENNSYLVANIA AMERICAN WATER  
PO BOX 371412  
PITTSBURGH, PA. 15250-7412

00010242200333027390000000050786479011

## Messages from Pennsylvania American Water

- Effective April 1, 2021, the Wastewater Distribution System Improvement Charge is increasing from 0.00% to 1.36%. This charge funds the replacement of wastewater distribution system facilities.
- **ATTENTION EXETER WASTEWATER CUSTOMERS:** If you are also our water customer, there is a "Notice of Proposed Water Acquisition and Rate Base Addition" and "Notice of Proposed Wastewater Acquisition and Rate Base Addition" enclosed with this bill. Please note: The potential water rate impact applies to you, but the potential wastewater rate impact does not apply to you. For Exeter wastewater customers who only receive wastewater service from Pennsylvania American Water, we did not include the notices, because they do not apply to you.



**CUSTOMER SERVICE: 1-800-565-7292**  
 HOURS: M-F, 7am-7pm • Emergencies: 24/7  
 TTY/TDD FOR THE HEARING IMPAIRED: 711  
 (and then reference Customer Service number listed above)

### SERVICES

- Go Paperless:** Save time. Save money. Sign up for Paperless Billing and Auto Pay on My Account at [amwater.com/myaccount](http://amwater.com/myaccount). Not registered? Log in and be sure to have your account number handy.
- Water Quality:** We take water quality seriously. When it comes to complying with federal drinking water standards, we consistently score better than the industry average. For a copy of the annual water quality report for your area, visit [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Water Quality, select Water Quality Reports.
- H2O Help To Others:** This program helps low-income customers who qualify with their water bills. For more information, contact our program administrator, the Dollar Energy Fund, at 1-888-282-6816.

### EXPLANATION OF FEES AND OTHER TERMS

- Distribution System Improvement Charge (DSIC):** A charge to replace aging facilities, such as mains, meters, fire hydrants, valves, etc. This charge, as approved by the Pennsylvania Public Utility Commission (PUC), will change every three months based on work completed. It will not exceed 7.5% of your bill.
- Payment by Check:** Paying by check authorizes American Water to send the information from your check electronically to your bank for payment. The transaction will appear on your bank statement. The physical check will not be presented to your financial institution or returned to you.

- State Tax Surcharges:** This PUC-approved charge allows the company to recover costs specific to state taxes.
- Estimated Bill:** This occurs when we are unable to read the water meter. Your usage from the same billing period the prior year is used to calculate the estimated bill. The next actual meter reading corrects any over or under estimates.
- Inquiries/Disputes:** For inquiries about your bill, please register any question or complaint about the bill prior to the due date. Contact customer service Monday-Friday from 7 a.m. to 7 p.m. by calling 1-800-565-7292. To register your complaint by mail, send written correspondence to PO Box 578, Alton, IL 62002-0578.
- Rates:** A detailed listing of charges that make up your bill is available upon request by contacting Customer Service or visiting us online at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Customer Service & Billing, select Your Water and Wastewater Rates.
- Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 1-888-378-4458.
- Correspondence:** Please send written correspondence to PO Box 578, Alton, IL 62002-0578. Be sure to include your name, account number, service address, mailing address and phone number including area code. Please do not send correspondence with your payment, as it may delay processing your payment and correspondence.

**H2O HELP TO OTHERS PROGRAM - lend a hand to customers in need**

I'm adding a one time contribution of \$ \_\_\_\_\_ with my payment.

I'd like to add a recurring contribution to each bill of \$ \_\_\_\_\_. I understand this amount will be added to each bill.

Address Change(s) \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip Code \_\_\_\_\_

( ) \_\_\_\_\_  
 Phone Number \_\_\_\_\_

E-mail Address \_\_\_\_\_

Mobile Number \_\_\_\_\_

### Other ways to pay your bill

<input checked="" type="checkbox"/>	<b>Auto Pay</b>	<input type="checkbox"/>	<b>Online</b>	<input type="checkbox"/>	<b>In Person</b>
<p>Save time and money. Enroll in Auto Pay, and your bill will be paid on time, every time, directly from your bank account on the due date. No stamps required!</p>		<p>With My Account, you can pay your bill anytime, anywhere. Registration is fast and easy. Visit <a href="http://www.amwater.com/MyAccount">www.amwater.com/MyAccount</a> or pay without registration at <a href="http://www.amwater.com/billpay">www.amwater.com/billpay</a> (fee may apply).</p>		<p>We have agreements with several authorized payment locations in our service areas. Visit our website to find one near you.</p>	

**Account Detail**

Account No. 1024-220033302739

Service To: 1100 LINCOLN RD BIRDSBORO, PA 19508-1804

Prior Billing	488,905.01
Payments	0.00
<b>Balance Forward - Past Due</b>	<b>488,905.01</b>
<b>Fees and Adjustments</b>	<b>619.02</b>
Wastewater Late Payment Charge	619.02
<b>Service Related Charges - 03/11/21 to 04/14/21</b>	
<b>Special Billing Account Adjustment - 03/04/21 to 04/02/21</b>	
 Wastewater Service	18,340.76
Wastewater Service Charge	63.16
Wastewater Usage Charge	18,277.60
<b>Bill Period - 03/11/21 to 04/14/21</b>	
 Wastewater Service	0.00
Wastewater Flat Charge (1 x \$0.00)	0.00
<b>Total Service Related Charges</b>	<b>18,340.76</b>
<b>Total Current Period Charges</b>	<b>18,959.78</b>

Total Amount Due



**\$507,864.79**

**Understanding Your Bill**

The information below defines some of the new terms you may find on your bill:

- **Service Related Charges:** This section includes charges for services related to water, wastewater and fire protection. If applicable, credits and debits for correction to previously billed charges are itemized in this section.
- **Fees and Adjustments:** This section provides details related to additional charges or adjustments for the service period referenced. Fees, when applicable, would include items such as service activation and late payment charges.
- **Billing Units:** One billing unit equals 100 gallons of water used. If the meter serving your property measures your water use in cubic feet or a different unit of measure, we convert the usage to gallons to make it easier to understand.
- **Average Daily Use:** The gallons shown in the water droplet above represent your average daily water use for the current billing period. Tracking the amount of water you use can help you manage your overall water use from month to month.
- **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 888-378-4458.
- **Still have questions?** We are here to help. Our customer service representatives are available M-F, 7 a.m. to 7 p.m. More information on understanding your bill and charges can also be found on our website. See the link below.

For more information about your charges and rates, please visit:  
<https://amwater.com/paaw/rates>

<This page is intentionally left blank and reserved for future messages>

More messaging is available at the following link(s):

<https://amwater.com/files/OAPAVT.pdf>



WE KEEP LIFE FLOWING™

Service Address:

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804



THANK YOU FOR BEING OUR CUSTOMER.

Important Account Messages

- Your current bill contains an additional charge. To learn more, refer to the Account Detail section. If needed, please contact us to discuss an extended payment agreement.
- Want more convenience and less clutter? Try paperless billing. We send an email when your bill is available for viewing and include an option to pay. It's simple to sign up, just register or log into My Account at [amwater.com/myaccount](http://amwater.com/myaccount) and make the selection for paperless billing.

For more information, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com)

Statement

Account No: **1024-220033302739**

Total Amount Due:	<b>\$510,535.97</b>
Payment Due By:	<b>June 16, 2021</b>

Billing Date: May 25, 2021  
Service Period: Apr 15 to May 12 (28 Days)

Account Summary – See page 3 for Account Detail

Prior Billing:	\$507,864.79
Payments - Thank You!	\$15,000.00
<b>Balance Forward:</b>	<b>\$492,864.79</b>
Fees and Adjustments:	\$903.42
Service Related Charges:	\$16,767.76
<b>Total Amount Due:</b>	<b>\$510,535.97</b>



View your account information or pay your bill anytime at: [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount)



Pay by Phone\*: Pay anytime at 1-855-748-6066  
\*A convenience fee may apply



Customer Service: 1-800-565-7292  
M-F 7:00am to 7:00pm – Emergencies 24/7



PENNSYLVANIA AMERICAN WATER  
PO BOX 371412  
PITTSBURGH, PA. 15250-7412

▼ Please return bottom portion with your payment. DO NOT send cash. Retain upper portion for your records. ▼

Account No. **1024-220033302739**

Total Amount Due:	<b>\$510,535.97</b>
Payment Due By:	<b>June 16, 2021</b>

If paying after 6/16/21, pay this amount: \$511,704.45



WE KEEP LIFE FLOWING™



P.O. BOX 91623  
RANTOUL, IL 61866-8623

Service to: 1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

Amount Enclosed \$

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

PENNSYLVANIA AMERICAN WATER  
PO BOX 371412  
PITTSBURGH, PA. 15250-7412

00010242200333027390000000051053597014

## Messages from Pennsylvania American Water

- **\*\*\*IMPORTANT WATER QUALITY MESSAGE:** Your annual Water Quality Report can be viewed electronically at . If you prefer a paper copy to be sent to you, please contact our Customer Service Center at 800-565-7292.
- The Recoupment Surcharge on your wastewater bill was approved by the PA Public Utility Commission to recoup unbilled revenues for the period between the company's rate change effective date of January 28 and the actual rate change date of March 8. You will be billed this 2.78% wastewater surcharge for six months, beginning May 1.
- Approximately 3.58 percent, or \$632.63 of state taxes are included in your current bill.



### COMMUNITY IMPACT

Through community giving, in-kind donations, partnerships and volunteering, we're helping our communities be more vibrant places to live, work and play. Learn more at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under News & Community, select Community Involvement.



**CUSTOMER SERVICE: 1-800-565-7292**  
 HOURS: M-F, 7am-7pm ▪ Emergencies: 24/7  
**TTY/TDD FOR THE HEARING IMPAIRED: 711**  
 (and then reference Customer Service number listed above)

#### SERVICES

**Go Paperless:** Save time. Save money. Sign up for **Paperless Billing and Auto Pay** on My Account at [amwater.com/myaccount](http://amwater.com/myaccount). Not registered? Log in and be sure to have your account number handy.

**Water Quality:** We take water quality seriously. When it comes to complying with federal drinking water standards, we consistently score better than the industry average. For a copy of the annual water quality report for your area, visit [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Water Quality, select Water Quality Reports.

**H2O Help To Others:** This program helps low-income customers who qualify with their water bills. For more information, contact our program administrator, the Dollar Energy Fund, at 1-888-282-6816.

#### EXPLANATION OF FEES AND OTHER TERMS

**Distribution System Improvement Charge (DSIC):** A charge to replace aging facilities, such as mains, meters, fire hydrants, valves, etc. This charge, as approved by the Pennsylvania Public Utility Commission (PUC), will change every three months based on work completed. It will not exceed 7.5% of your bill.

**Payment by Check:** Paying by check authorizes American Water to send the information from your check electronically to your bank for payment. The transaction will appear on your bank statement. The physical check will not be presented to your financial institution or returned to you.

**State Tax Surcharges:** This PUC-approved charge allows the company to recover costs specific to state taxes.

**Estimated Bill:** This occurs when we are unable to read the water meter. Your usage from the same billing period the prior year is used to calculate the estimated bill. The next actual meter reading corrects any over or under estimates.

**Inquiries/Disputes:** For inquiries about your bill, please register any question or complaint about the bill prior to the due date. Contact customer service Monday-Friday from 7 a.m. to 7 p.m. by calling 1-800-565-7292. To register your complaint by mail, send written correspondence to PO Box 578, Alton, IL 62002-0578.

**Rates:** A detailed listing of charges that make up your bill is available upon request by contacting Customer Service or visiting us online at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Customer Service & Billing, select Your Water and Wastewater Rates.

**Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 1-888-378-4458.

**Correspondence:** Please send written correspondence to PO Box 578, Alton, IL 62002-0578. Be sure to include your name, account number, service address, mailing address and phone number including area code. Please do not send correspondence with your payment, as it may delay processing your payment and correspondence.

#### H2O HELP TO OTHERS PROGRAM - lend a hand to customers in need

- I'm adding a one time contribution of \$ \_\_\_\_\_ with my payment.
- I'd like to add a recurring contribution to each bill of \$ \_\_\_\_\_. I understand this amount will be added to each bill.

#### Address Change(s)

\_\_\_\_\_  
 Name

\_\_\_\_\_  
 Address

\_\_\_\_\_  
 City

\_\_\_\_\_  
 State      \_\_\_\_\_  
 Zip Code

{ }  
 Phone Number       Mobile Number

\_\_\_\_\_  
 E-mail Address

#### Other ways to pay your bill



**Auto Pay**



**Online**



**In Person**

Save time and money. Enroll in Auto Pay, and your bill will be paid on time, every time, directly from your bank account on the due date. No stamps required!

With My Account, you can pay your bill anytime, anywhere. Registration is fast and easy. Visit [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount) or pay without registration at [www.amwater.com/billpay](http://www.amwater.com/billpay) (fee may apply).

We have agreements with several authorized payment locations in our service areas. Visit our website to find one near you.

**Account Detail**

Account No. 1024-220033302739

Service To: 1100 LINCOLN RD BIRDSBORO, PA 19508-1804

Prior Billing	507,864.79
Payments	-15,000.00
Total payments as of Apr 30. Thank you!	
	-15,000.00
<b>Balance Forward</b>	<b>492,864.79</b>
<b>Fees and Adjustments</b>	<b>903.42</b>
Wastewater Late Payment Charge	903.42
<b>Service Related Charges - 04/15/21 to 05/12/21</b>	
<b>Special Billing Account Adjustment - 04/03/21 to 05/04/21</b>	
 Wastewater Service	16,767.76
Wastewater Service Charge	63.16
Wastewater Usage Charge	16,704.60
<b>Bill Period - 04/15/21 to 05/12/21</b>	
 Wastewater Service	0.00
Wastewater Flat Charge	
04/15/21 to 04/30/21 (1 x \$0.00)	0.00
05/01/21 to 05/12/21 (1 x \$0.00)	0.00
<b>Total Service Related Charges</b>	<b>16,767.76</b>
<b>Total Current Period Charges</b>	<b>17,671.18</b>

**Total Amount Due**

**\$510,535.97**
**Understanding Your Bill**

The information below defines some of the new terms you may find on your bill:

- **Service Related Charges:** This section includes charges for services related to water, wastewater and fire protection. If applicable, credits and debits for correction to previously billed charges are itemized in this section.
- **Fees and Adjustments:** This section provides details related to additional charges or adjustments for the service period referenced. Fees, when applicable, would include items such as service activation and late payment charges.
- **Billing Units:** One billing unit equals 100 gallons of water used. If the meter serving your property measures your water use in cubic feet or a different unit of measure, we convert the usage to gallons to make it easier to understand.
- **Average Daily Use:** The gallons shown in the water droplet above represent your average daily water use for the current billing period. Tracking the amount of water you use can help you manage your overall water use from month to month.
- **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 888-378-4458.
- **Still have questions?** We are here to help. Our customer service representatives are available M-F, 7 a.m. to 7 p.m. More information on understanding your bill and charges can also be found on our website. See the link below.

 For more information about your charges and rates, please visit:  
<https://amwater.com/paaw/rates>

<This page is intentionally left blank and reserved for future messages>



WE KEEP LIFE FLOWING™

Service Address:
BIRDSBORO KOSHER FARMS
1100 LINCOLN RD
BIRDSBORO, PA 19508-1804



Important Account Messages

- Want to get to know us better? Visit www.pennsylvaniaamwater.com to learn more about the services we provide.
This is your final bill for service and your account is now closed. Should you need to restore service at this location or another area served by American Water, please give us a call or use My Account for fast and easy self service.

For more information, visit www.pennsylvaniaamwater.com

Statement

Account No. 1024-220033302739

Table with 2 columns: Description, Amount. Total Amount Due: \$521,403.25; Payment Due By: June 23, 2021

Billing Date: June 01, 2021
Service Period: May 13 to May 28 (16 Days)

Account Summary - See page 3 for Account Detail

Table with 2 columns: Description, Amount. Prior Billing: \$510,535.97; Payments: \$0.00; Balance Forward: \$510,535.97; Fees and Adjustments: \$10,867.28; Service Related Charges: \$0.00; Total Amount Due: \$521,403.25

View your account information or pay your bill anytime at: www.amwater.com/MyAccount

Pay by Phone\*: Pay anytime at 1-855-748-6066 \*A convenience fee may apply

Customer Service: 1-800-565-7292 M-F 7:00am to 7:00pm - Emergencies 24/7

PENNSYLVANIA AMERICAN WATER
PO BOX 371412
PITTSBURGH, PA. 15250-7412

Please return bottom portion with your payment. DO NOT send cash. Retain upper portion for your records.

\*\*\*\* FINAL BILL \*\*\*\*



Service to: 1100 LINCOLN RD
BIRDSBORO, PA 19508-1804



P.O. BOX 91623
RANTOUL, IL 61866-8623

Account No. 1024-220033302739

Table with 2 columns: Description, Amount. Total Amount Due: \$521,403.25; Payment Due By: June 23, 2021

If paying after 6/23/21, pay this amount: \$522,734.74

Amount Enclosed \$

BIRDSBORO KOSHER FARMS
1100 LINCOLN RD
BIRDSBORO, PA 19508-1804

PENNSYLVANIA AMERICAN WATER
PO BOX 371412
PITTSBURGH, PA. 15250-7412

00010242200333027390000000052140325013

Messages from Pennsylvania American Water

- **\*\*\*IMPORTANT WATER QUALITY MESSAGE:** Your annual Water Quality Report can be viewed electronically at . If you prefer a paper copy to be sent to you, please contact our Customer Service Center at 800-565-7292.
- The Recoupment Surcharge on your wastewater bill was approved by the PA Public Utility Commission to recoup unbilled revenues for the period between the company's rate change effective date of January 28 and the actual rate change date of March 8. You will be billed this 2.78% wastewater surcharge for six months, beginning May 1.
- Approximately 3.58 percent, or \$389.05 of state taxes are included in your current bill.

**NO MORE TRANSACTION FEE**

We are pleased to announce that the \$1.95 third-party transaction fee for paying your bill by credit card has been eliminated. Now you can pay your bill online, by phone, by credit card, in person and by mail; **no transaction fee required.**



**CUSTOMER SERVICE: 1-800-565-7292**  
 HOURS: M-F, 7am-7pm • Emergencies: 24/7  
 TTY/TDD FOR THE HEARING IMPAIRED: 711  
 (and then reference Customer Service number listed above)

**SERVICES**

- **Go Paperless:** Save time. Save money. Sign up for **Paperless Billing and Auto Pay** on My Account at [amwater.com/myaccount](http://amwater.com/myaccount). Not registered? Log in and be sure to have your account number handy.
- **Water Quality:** We take water quality seriously. When it comes to complying with federal drinking water standards, we consistently score better than the industry average. For a copy of the annual water quality report for your area, visit [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Water Quality, select Water Quality Reports.
- **H2O Help To Others:** This program helps low-income customers who qualify with their water bills. For more information, contact our program administrator, the Dollar Energy Fund, at 1-888-282-6816.

**EXPLANATION OF FEES AND OTHER TERMS**

- **Distribution System Improvement Charge (DSIC):** A charge to replace aging facilities, such as mains, meters, fire hydrants, valves, etc. This charge, as approved by the Pennsylvania Public Utility Commission (PUC), will change every three months based on work completed. It will not exceed 7.5% of your bill.
- **Payment by Check:** Paying by check authorizes American Water to send the information from your check electronically to your bank for payment. The transaction will appear on your bank statement. The physical check will not be presented to your financial institution or returned to you.

- **State Tax Surcharges:** This PUC-approved charge allows the company to recover costs specific to state taxes.
- **Estimated Bill:** This occurs when we are unable to read the water meter. Your usage from the same billing period the prior year is used to calculate the estimated bill. The next actual meter reading corrects any over or under estimates.
- **Inquiries/Disputes:** For inquiries about your bill, please register any question or complaint about the bill prior to the due date. Contact customer service Monday-Friday from 7 a.m. to 7 p.m. by calling 1-800-565-7292. To register your complaint by mail, send written correspondence to PO Box 578, Alton, IL 62002-0578.
- **Rates:** A detailed listing of charges that make up your bill is available upon request by contacting Customer Service or visiting us online at [pennsylvaniaamwater.com](http://pennsylvaniaamwater.com). Under Customer Service & Billing, select Your Water and Wastewater Rates.
- **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 1-888-378-4458.
- **Correspondence:** Please send written correspondence to PO Box 578, Alton, IL 62002-0578. Be sure to include your name, account number, service address, mailing address and phone number including area code. Please do not send correspondence with your payment, as it may delay processing your payment and correspondence.

**H2O HELP TO OTHERS PROGRAM - lend a hand to customers in need**

I'm adding a one time contribution of \$ \_\_\_\_\_ with my payment.

I'd like to add a recurring contribution to each bill of \$ \_\_\_\_\_. I understand this amount will be added to each bill.

Address Change(s) \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip Code \_\_\_\_\_

( ) \_\_\_\_\_  
 Phone Number \_\_\_\_\_

Mobile Number  \_\_\_\_\_

E-mail Address \_\_\_\_\_

**Other ways to pay your bill**

<input checked="" type="checkbox"/>	<b>Auto Pay</b>	<input type="checkbox"/>	<b>Online</b>		<b>In Person</b>
Save time and money. Enroll in Auto Pay, and your bill will be paid on time, every time, directly from your bank account on the due date. No stamps required!	With My Account, you can pay your bill anytime, anywhere. Registration is fast and easy. Visit <a href="http://www.amwater.com/MyAccount">www.amwater.com/MyAccount</a> or pay without registration at <a href="http://www.amwater.com/billpay">www.amwater.com/billpay</a> (fee may apply).	We have agreements with several authorized payment locations in our service areas. Visit our website to find one near you.			

**Account Detail** Account No. 1024-220033302739  
Service To: 1100 LINCOLN RD BIRDSBORO, PA 19508-1804

Prior Billing	510,535.97
Payments	0.00
<b>Balance Forward</b>	<b>510,535.97</b>
Fees and Adjustments	10,867.28
Surcharge for IPP	10,867.28
<b>Service Related Charges - 05/13/21 to 05/28/21</b>	
 Wastewater Service	0.00
Wastewater Flat Charge (1 x \$0.00)	0.00
<b>Total Service Related Charges</b>	<b>0.00</b>
<b>Total Current Period Charges</b>	<b>10,867.28</b>

**Total Amount Due**  **\$521,403.25**

## Understanding Your Bill

The information below defines some of the new terms you may find on your bill:

- **Service Related Charges:** This section includes charges for services related to water, wastewater and fire protection. If applicable, credits and debits for correction to previously billed charges are itemized in this section.
- **Fees and Adjustments:** This section provides details related to additional charges or adjustments for the service period referenced. Fees, when applicable, would include items such as service activation and late payment charges.
- **Billing Units:** One billing unit equals 100 gallons of water used. If the meter serving your property measures your water use in cubic feet or a different unit of measure, we convert the usage to gallons to make it easier to understand.
- **Average Daily Use:** The gallons shown in the water droplet above represent your average daily water use for the current billing period. Tracking the amount of water you use can help you manage your overall water use from month to month.
- **Protection programs for water, sewer and in-home plumbing** are offered by American Water Resources. Charges for these services are not regulated by the Pennsylvania Public Utility Commission. Regulated services will not be disconnected as a result of non-payment of protection program charges. Customers with protection program charges will not be assessed a late payment charge for late or unpaid protection plan charges. For inquiries about protection programs, please contact American Water Resources at 888-378-4458.
- **Still have questions?** We are here to help. Our customer service representatives are available M-F, 7 a.m. to 7 p.m. More information on understanding your bill and charges can also be found on our website. See the link below.

For more information about your charges and rates, please visit:  
<https://amwater.com/paaw/rates>

<This page is intentionally left blank and reserved for future messages>

More messaging is available at the following link(s):

<https://amwater.com/files/OAPA61.pdf>



AMERICAN WATER

Kristin May  
400 Hanover Street  
Birdsboro, PA 19508  
484-946-7453  
Kristin.May@amwater.com

November 10, 2020

Mr. Art Heckman  
Birdsboro Kosher Farms Corp.  
1100 Lincoln Road  
Birdsboro, PA 19508  
Premise No. 9240738159

RE: Notice of Industrial Loading Fee and Additional Fees

Dear Mr. Heckman,

As set forth in our tariff filed with the PA Public Utility Commission, non-residential establishments discharging industrial wastewater to Pennsylvania American Water systems with an average five-day biochemical oxygen demand (BOD) greater than 250 mg/L or a total suspended solids (TSS) concentration greater than 250 mg/L are subject to a surcharge.

Please be advised that your industry wastewater discharge was in excess for BOD and TSS. The values for the parameters are based on results submitted for Pennsylvania American Water weekly sampling. The surcharged amounts are based on the BOD limit of 250 mg/L and TSS limit of 250 mg/L. Enclosed is an itemized summary of all surcharges and/or fees for third quarter 2020.

Please consider this notice as the third quarter 2020 invoice in the amount of \$134,786.31. This invoice amount will be included on your next bill for your account #210033002582.

Sincerely,

Kristin May  
Supervisor, Water Quality & Environmental Compliance  
IPP Manager  
Pennsylvania American Water

CC: Kelly Bothur, Senior Supervisor of Operations, Exeter WWTP, Pennsylvania American Water

WE KEEP LIFE FLOWING™

One Water Street  
Camden, NJ 08102



amwater.com



PENNSYLVANIA  
AMERICAN WATER

Name: **Birdsboro Kosher Farms**  
 Premise No.: 9240738159  
 Quarter: 3rd  
 Year: 2020

Total Quarterly Wastewater Flow (gallons): 9,325,400

**Laboratory Results:**

Sample No.	Date Sampled	BOD (mg/L)	TSS (mg/L)	NH <sub>3</sub> -N (mg/L)	Oil & Grease (mg/L)
1	07/07/20	2010	1180		444
2	07/16/20	2010	760		255
3	07/23/20	1920	850		193
4	07/30/20	1210	553		27.5
5	08/05/20	697	430		463
6	08/13/20	1260	432		62.4
7	08/20/20	1960	935		39.5
8	08/27/20	791	486		179
9	09/03/20	2.1	8.0		93.7
10	09/04/20	200	164		170
11	09/11/20	1620	770		94.1
12	09/16/20	531	128		152
13	09/23/20	228	29		6.6
14	09/30/20	1500	1640		42.4
Averages:		1,139	598		159

**Surcharge Summary:**

Pounds of BOD discharged subject to surcharge <sup>1</sup>	97,217	
Surcharge rate per thousand pounds of BOD	\$1,133.31	
Surcharge for excess BOD <sup>2</sup>		\$110,177.33
Pounds of TSS discharged subject to surcharge <sup>1</sup>	27,026	
Surcharge rate per thousand pounds of TSS	\$776.98	
Surcharge for excess TSS <sup>2</sup>		\$20,998.98
Other Charges		
IPP Non-Compliance Inspection Fee		\$250.00
Sampling Fees (\$150 x 14)		\$2,100.00
Laboratory Fees (\$ 90 x 14)		\$1,260.00
<b>Total Surcharge Bill</b>		<b>\$134,786.31</b>

<sup>1</sup>(average - 250) x 8.34 x (quarterly flow / 1,000,000)

<sup>2</sup>(pounds subject to surcharge / 1,000) x surcharge rate per thousand pounds



AMERICAN WATER

Kristin May  
400 Hanover Street  
Birdsboro, PA 19508  
484-946-7453  
Kristin.May@amwater.com

January 27, 2021

Mr. Art Heckman  
Birdsboro Kosher Farms Corporation  
1100 Lincoln Road  
Birdsboro, PA 19508

Dear Mr. Heckman:

Pennsylvania-American Water Company ("PAWC") recently reviewed its billing records for your facility and discovered an inadvertent error with the calculation of the surcharge for wastewaters exceeding prescribed concentrations in the third quarter 2020.

The third quarter industrial pretreatment program surcharge for higher concentration wastewaters was billed as \$134,786.31. However, the correct calculation should have been \$102,923.66. A credit of \$31,862.65 has been applied to your account and will be shown on your next bill. The initial and revised itemized surcharge calculation spreadsheets are enclosed for your reference.

PAWC has reviewed all previous bills and determined that the calculation error only affected third quarter 2020.

If you have any questions or concerns, please feel free to contact me.

Thank you,

Kristin May  
Water Quality Supervisor  
Pennsylvania American Water



PENNSYLVANIA  
AMERICAN WATER

Name: **Birdsboro Kosher Farms**  
 Premise No.: 9240738159  
 Quarter: 3rd  
 Year: 2020

Total Quarterly Wastewater Flow (gallons): 9,325,400

**Laboratory Results:**

Sample No.	Date Sampled	BOD (mg/L)	TSS (mg/L)	NH <sub>3</sub> -N (mg/L)	Oil & Grease (mg/L)
1	07/07/20	2010	1180		444
2	07/16/20	2010	760		255
3	07/23/20	1920	850		193
4	07/30/20	1210	553		27.5
5	08/05/20	697	430		463
6	08/13/20	1260	432		62.4
7	08/20/20	1960	935		39.5
8	08/27/20	791	486		179
9	09/03/20	2.1	8.0		93.7
10	09/04/20	200	164		170
11	09/11/20	1620	770		94.1
12	09/16/20	531	128		152
13	09/23/20	228	29		6.6
14	09/30/20	1500	1640		42.4
Averages:		1,139	598		159

**Surcharge Summary:**

Pounds of BOD discharged subject to surcharge <sup>1</sup>	97,217	
Surcharge rate per thousand pounds of BOD	\$1,133.31	
Surcharge for excess BOD <sup>2</sup>		\$110,177.33
Pounds of TSS discharged subject to surcharge <sup>1</sup>	27,026	
Surcharge rate per thousand pounds of TSS	\$776.98	
Surcharge for excess TSS <sup>2</sup>		\$20,998.98
Other Charges		
IPP Non-Compliance Inspection Fee		\$250.00
Sampling Fees (\$150 x 14)		\$2,100.00
Laboratory Fees (\$ 90 x 14)		\$1,260.00
<b>Total Surcharge Bill</b>		<b>\$134,786.31</b>

<sup>1</sup>(average - 250) x 8.34 x (quarterly flow / 1,000,000)

<sup>2</sup>(pounds subject to surcharge / 1,000) x surcharge rate per thousand pounds



**PENNSYLVANIA  
AMERICAN WATER**

Name: **Birdsboro Kosher Farms**  
 Premise No.: 9240738159  
 Quarter: 3rd **REVISED**  
 Year: 2020

Total Quarterly Wastewater Flow (gallons): 9,325,400

**Laboratory Results:**

Sample No.	Date Sampled	BOD (mg/L)	TSS (mg/L)	NH <sub>3</sub> -N (mg/L)	Oil & Grease (mg/L)
1	07/07/20	2010	1180		444
2	07/16/20	2010	760		255
3	07/23/20	1920	850		193
4	07/30/20	1210	553		27.5
5	08/05/20	697	430		463
6	08/13/20	1260	432		62.4
7	08/20/20	1960	935		39.5
8	08/27/20	791	486		179
9	09/03/20	2.1	8.0		93.7
10	09/04/20	200	164		170
11	09/11/20	1620	770		94.1
12	09/16/20	531	128		152
13	09/23/20	228	29		6.6
14	09/30/20	1500	1640		42.4
Averages:		1,139	598		159

**Surcharge Summary:**

Pounds of BOD discharged subject to surcharge <sup>1</sup>	69,103	
Surcharge rate per thousand pounds of BOD	\$1,133.31	
Surcharge for excess BOD <sup>2</sup>		\$78,314.68
Pounds of TSS discharged subject to surcharge <sup>1</sup>	27,026	
Surcharge rate per thousand pounds of TSS	\$776.98	
Surcharge for excess TSS <sup>2</sup>		\$20,998.98
Other Charges		
IPP Non-Compliance Inspection Fee		\$250.00
Sampling Fees (\$150 x 14)		\$2,100.00
Laboratory Fees (\$ 90 x 14)		\$1,260.00
<b>Total Surcharge Bill</b>		<b>\$102,923.66</b>
<b>Initial Total Surcharge Bill:</b>		<b>\$134,786.31</b>
<b>Revised Total Surcharge Bill:</b>		<b>-\$102,923.66</b>
<b>Amount Credited to Account:</b>		<b>\$31,862.65</b>

<sup>1</sup>(average - 250) x 8.34 x (quarterly flow / 1,000,000)

<sup>2</sup>(pounds subject to surcharge / 1,000) x surcharge rate per thousand pounds



AMERICAN WATER

Kristin May  
400 Hanover Street  
Birdsboro, PA 19508  
484-946-7453  
Kristin.May@amwater.com

February 5, 2021

Mr. Art Heckman  
Birdsboro Kosher Farms Corp.  
1100 Lincoln Road  
Birdsboro, PA 19508  
Premise No. 9240738159

RE: Notice of Industrial Loading Fee and Additional Fees

Dear Mr. Heckman,

As set forth in our tariff filed with the PA Public Utility Commission, non-residential establishments discharging industrial wastewater to Pennsylvania American Water systems with an average five-day biochemical oxygen demand (BOD) greater than 250 mg/L or a total suspended solids (TSS) concentration greater than 250 mg/L are subject to a surcharge.

Please be advised that your industry wastewater discharge was in excess for BOD. The values for the parameters are based on results submitted for Pennsylvania American Water weekly sampling. The surcharged amounts are based on the BOD limit of 250 mg/L and TSS limit of 250 mg/L. Enclosed is an itemized summary of all surcharges and/or fees for fourth quarter 2020.

Please consider this notice as the fourth quarter 2020 invoice in the amount of \$21,090.24. This invoice amount will be included on your next bill for your account #210033002582.

Sincerely,

Kristin May  
Supervisor, Water Quality & Environmental Compliance  
IPP Manager  
Pennsylvania American Water

CC: Kelly Bothur, Senior Supervisor of Operations, Exeter WWTP, Pennsylvania American Water



**PENNSYLVANIA  
AMERICAN WATER**

Name: **Birdsboro Kosher Farms**  
 Premise No.: 9240738159  
 Quarter: 4th  
 Year: 2020

Total Quarterly Wastewater Flow (gallons): 7,660,600

**Laboratory Results:**

Sample No.	Date Sampled	BOD (mg/L)	TSS (mg/L)	NH <sub>3</sub> -N (mg/L)	Oil & Grease (mg/L)
1	10/07/20	142	59		9.1
2	10/16/20	309	40		159
3	10/22/20	600	103		118
4	10/29/20	567	188		9.4
5	11/06/20	490	136		62.3
6	11/11/20	1590	447		24.9
7	11/18/20	297	40		17
8	11/24/20	246	102		9.4
9	12/03/20	339	66.7		16
Averages:		509	131		47

**Surcharge Summary:**

Pounds of BOD discharged subject to surcharge <sup>1</sup>	16,540	
Surcharge rate per thousand pounds of BOD	\$1,133.31	
Surcharge for excess BOD <sup>2</sup>		\$18,745.24
Pounds of TSS discharged subject to surcharge <sup>1</sup>	0	
Surcharge rate per thousand pounds of TSS	\$776.98	
Surcharge for excess TSS <sup>2</sup>		\$0.00
Other Charges		
8/25/20 bypass event, sample and analysis fee*		\$185.00
Sampling Fees (\$150 x 9)		\$1,350.00
Laboratory Fees (\$ 90 x 9)		\$810.00
<b>Total Surcharge Bill</b>		<b>\$21,090.24</b>

<sup>1</sup>(average - 250) x 8.34 x (quarterly flow / 1,000,000)

<sup>2</sup>(pounds subject to surcharge / 1,000) x surcharge rate per thousand pounds

\*See Notice of Violation and Compliance Directive, dated 12/18/20



AMERICAN WATER

Kristin May  
400 Hanover Street  
Birdsboro, PA 19508  
484-946-7453  
Kristin.May@amwater.com

May 14, 2021

Mr. Art Heckman  
Birdsboro Kosher Farms Corp.  
1100 Lincoln Road  
Birdsboro, PA 19508  
Premise No. 9240738159

RE: Notice of Industrial Loading Fee and Additional Fees

Dear Mr. Heckman,

As set forth in our tariff filed with the PA Public Utility Commission, non-residential establishments discharging industrial wastewater to Pennsylvania American Water systems with an average five-day biochemical oxygen demand (BOD) greater than 250 mg/L or a total suspended solids (TSS) concentration greater than 250 mg/L are subject to a surcharge.

Please be advised that your industry wastewater discharge was in excess for BOD. The values for the parameters are based on results submitted for Pennsylvania American Water weekly sampling. The surcharged amounts are based on the BOD limit of 250 mg/L and TSS limit of 250 mg/L. Enclosed is an itemized summary of all surcharges and/or fees for first quarter 2021.

Please consider this notice as the first quarter 2021 invoice in the amount of \$10,867.28. This invoice amount will be included on your next bill for your account #220033302739.

Sincerely,

Kristin May  
Supervisor, Water Quality & Environmental Compliance  
IPP Manager  
Pennsylvania American Water

CC: Kelly Bothur, Senior Supervisor of Operations, Exeter WWTP, Pennsylvania American Water



PENNSYLVANIA  
AMERICAN WATER

Name: **Birdsboro Kosher Farms**  
 Premise No.: 9240738159  
 Quarter: 1st  
 Year: 2021

Total Quarterly Wastewater Flow (gallons): 5,542,400

**Laboratory Results:**

Sample No.	Date Sampled	BOD (mg/L)	TSS (mg/L)	NH <sub>3</sub> -N (mg/L)	Oil & Grease (mg/L)
1	01/07/21	406	93.3		24.7
2	01/15/21	130	24.0		10.8
3	01/21/21	264	28.0		27.5
4	01/28/21	361	48.0		9.4
5	02/05/21	338	53.3		152
6	02/11/21	388	88.0		17.8
7	02/24/21	791	132		20.6
8	02/25/21	555	134		120
9	03/05/21	492	108		19.2
10	03/10/21	347	36.0		19.2
11	03/19/21	520	104		101
12	03/26/21	180	53.3		19.4
Averages:		398	75.2		45.1

**Surcharge Summary:**

Pounds of BOD discharged subject to surcharge <sup>1</sup>	6,827	
Surcharge rate per thousand pounds of BOD	\$1,133.31	
Surcharge for excess BOD <sup>2</sup>		\$7,737.28
Pounds of TSS discharged subject to surcharge <sup>1</sup>	0	
Surcharge rate per thousand pounds of TSS	\$776.98	
Surcharge for excess TSS <sup>2</sup>		\$0.00
Other Charges		
IPP Yearly Inspection Fee		\$250.00
Sampling Fees (\$150 x 12)		\$1,800.00
Laboratory Fees (\$ 90 x 12)		\$1,080.00
<b>Total Surcharge Bill</b>		<b>\$10,867.28</b>

<sup>1</sup>(average - 250) x 8.34 x (quarterly flow / 1,000,000)

<sup>2</sup>(pounds subject to surcharge / 1,000) x surcharge rate per thousand pounds

\*See Notice of Violation and Compliance Directive, dated 12/18/20

05/01/2020

Birdsboro Kosher Farms  
1100 Lincoln Rd  
Birdsboro PA 19508-1804

**For Service To:**

Account Number: 1024-210033002582  
Service Address: 1100 Lincoln Rd  
Birdsboro, PA 19508

Re: Change Request  
1100 Lincoln Rd, Birdsboro, PA 19508

Dear Pennsylvania American Water Customer:

Thank you for reaching out to us to update your account information. Having accurate customer data on record allows us to serve you better. We have received the changes and updated your account accordingly.

Protecting customer data is also important to us. As the account holder, we make it a practice to follow-up with you and verify in writing when account changes are made. **There is no need to respond or take any action if you have authorized one or more of the following changes to your account.**

This includes updates to your:

- Mailing address
- Primary or secondary contact phone number(s) and/or fax number
- Email address
- Account holder name (including updates due to marital status changes)
- Password or PIN
- Third-party account access (adding, changing or removing)

**If you did not authorize any changes, please contact us immediately.** We will provide you with any information we have related to the unauthorized change request. You can also view your account information on **MyWater**, your online customer portal, at [www.amwater.com/myaccount](http://www.amwater.com/myaccount). Not registered? Be sure to have your account number handy.

We appreciate your business and the opportunity to continue serving you, your neighbors and our local communities. If you have any questions, please contact our Customer Service Center at the number listed below Monday through Friday, 7 a.m. to 7 p.m.

Sincerely,

Pennsylvania American Water Customer Service





PENNSYLVANIA  
AMERICAN WATER

P.O. Box 578 Alton, IL 62002

06/24/2020

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

**For Service To:**

Account Number: 1024-220033302739

Service Address: 1100 Lincoln Rd  
Birdsboro, PA 19508-1804

**Customer Payment Past Due Letter  
Final 06/24/2020**

Dear Birdsboro Kosher Farms

American Water would like to thank you for being a customer and your trust as we continue to provide you with safe, clean, reliable water/wastewater services. We understand how critical your water service is to you.

As a reminder, we noticed you have not yet paid your bill and it is past due. If you have already paid, please accept our thanks. To make a payment, we have several convenient payment options:

Pay Online: Visit and log on to MyWater at [myaccount.amwater.com](http://myaccount.amwater.com) to make a one-time Electronic Check payment. This service is free of charge. You can also enroll in our Auto Pay program for future bills, so they are paid automatically from your checking or savings account on time, every time on the date the bill is due. Pay by credit card using one of the following options (24/7): 1) MyWater - Log onto our online customer portal, at [myaccount.amwater.com](http://myaccount.amwater.com), and follow the steps; 2) By phone: Contact our Customer Service Center at 1-800-685-8660 and follow the prompts to pay your bill. You may also call 1-800-685-8660 to discuss your eligibility to enter into a payment arrangement, to let us know that you made a payment; or to dispute the overdue bill.

At American Water, the health and safety of <sup>our</sup> customers, communities and employees is our top priority. To minimize the risk of exposure to the coronavirus, we have closed our walk-in payment centers and initiated  business continuity plans to help provide additional stability to our operations that include water/wastewater services to your home or businesses. We continue to monitor and are continuously evaluating the situation and latest developments to determine how we can adopt and amend measures, as necessary, to support our customers and communities we serve.

Thank you and we hope to hear from you soon,



PENNSYLVANIA  
AMERICAN WATER

P.O. Box 578 Alton, IL 62002

08/18/2020

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

**For Service To:**

Account Number: 1024-220033302739

Service Address: 1100 Lincoln Rd  
Birdsboro, PA 19508-1804

**Customer Payment Past Due Letter  
Final 08/18/2020**

Dear Pennsylvania American Water Customer:

American Water would like to thank you for being a customer and your trust as we continue to provide you with safe, clean, reliable water/wastewater services. We understand how critical your water service is to you.

As a reminder, we noticed you have not yet paid your bill and it is past due. If you have already paid, please accept our thanks. To make a payment, we have several convenient payment options:

- o **Pay Online:** Log on to **MyWater** at [myaccount.amwater.com](http://myaccount.amwater.com) to make a one-time Electronic Check payment. This service is free of charge. You can also enroll in our Auto Pay program for future bills, so they are paid automatically from your checking or savings account on time, every time on the date the bill is due. *NOTE: If you are a cash-only customer you may not use this option.*
- o **Pay by credit card using one of the following options (24/7).** A service fee will apply to each credit card payment.
  - MyWater:** Log onto our online customer portal, at [myaccount.amwater.com](http://myaccount.amwater.com), and follow the steps to pay by credit card.
  - By phone:** Contact our Customer Service Center at 1-800-685-8660 and follow the prompts to pay your bill by credit card.
  - Online:** [www.amwater.com/billpay](http://www.amwater.com/billpay)
- o **Pay in person with a money order or cash at one of our authorized payment locations.** To find the closest location near you, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com). Under Customer Service & Billing, select Billing & Payment Info.

You may also call 1-800-685-8660 to discuss your eligibility to enter into a payment arrangement, to let us know that you made a payment; or to dispute the overdue bill.

At American Water, the health and safety of our customers, communities and employees is our top priority. To minimize the risk of exposure to the coronavirus, we have closed our walk-in payment centers and initiated our business continuity plans to help provide additional stability to our operations that include water/wastewater services to your home or businesses. We continue to monitor and are continuously evaluating the situation and latest developments to determine how we can adopt and amend measures, as necessary, to support our customers and communities we serve.

Thank you and we hope to hear from you soon.

Sincerely,

Pennsylvania American Water Customer Service



PENNSYLVANIA  
AMERICAN WATER

P.O. Box 578 Alton, IL 62002

10/17/2020

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

**For Service To:**

Account Number: 1024-220033302739

Service Address: 1100 Lincoln Rd  
Birdsboro, PA 19508-1804

**Customer Payment Past Due Letter  
Final 10/17/2020**

Dear Pennsylvania American Water Customer:

American Water would like to thank you for being a customer and your trust as we continue to provide you with safe, clean, reliable water/wastewater services. We understand how critical your water service is to you.

As a reminder, we noticed you have not yet paid your bill and it is past due. If you have already paid, please accept our thanks. To make a payment, we have several convenient payment options:

- o **Pay Online:** Log on to **MyWater** at [myaccount.amwater.com](http://myaccount.amwater.com) to make a one-time Electronic Check payment. This service is free of charge. You can also enroll in our Auto Pay program for future bills, so they are paid automatically from your checking or savings account on time, every time on the date the bill is due. *NOTE: If you are a cash-only customer you may not use this option.*
- o **Pay by credit card using one of the following options (24/7).** A service fee will apply to each credit card payment.
  - MyWater:** Log onto our online customer portal, at [myaccount.amwater.com](http://myaccount.amwater.com), and follow the steps to pay by credit card.
  - By phone:** Contact our Customer Service Center at 1-800-685-8660 and follow the prompts to pay your bill by credit card.
  - Online:** [www.amwater.com/billpay](http://www.amwater.com/billpay)
- o **Pay in person with a money order or cash at one of our authorized payment locations.** To find the closest location near you, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com). Under Customer Service & Billing, select Billing & Payment Info.

You may also call 1-800-685-8660 to discuss your eligibility to enter into a payment arrangement, to let us know that you made a payment; or to dispute the overdue bill.

At American Water, the health and safety of our customers, communities and employees is our top priority. To minimize the risk of exposure to the coronavirus, we have closed our walk-in payment centers and initiated our business continuity plans to help provide additional stability to our operations that include water/wastewater services to your home or businesses. We continue to monitor and are continuously evaluating the situation and latest developments to determine how we can adopt and amend measures, as necessary, to support our customers and communities we serve.

Thank you and we hope to hear from you soon.

Sincerely,

Pennsylvania American Water Customer Service



PENNSYLVANIA  
AMERICAN WATER

P.O. Box 578 Alton, IL 62002

11/13/2020

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

**For Service To:**

Account Number: 1024-220033302739

Service Address: 1100 Lincoln Rd  
Birdsboro, PA 19508-1804

**Customer Payment Past Due Letter**  
Final 11/13/2020

Dear Pennsylvania American Water Customer:

American Water would like to thank you for being a customer and your trust as we continue to provide you with safe, clean, reliable water/wastewater services. We understand how critical your water service is to you.

As a reminder, we noticed you have not yet paid your bill and it is past due. If you have already paid, please accept our thanks. To make a payment, we have several convenient payment options:

- **Pay Online:** Log on to **MyWater** at [myaccount.amwater.com](http://myaccount.amwater.com) to make a one-time Electronic Check payment. This service is free of charge. You can also enroll in our Auto Pay program for future bills, so they are paid automatically from your checking or savings account on time, every time on the date the bill is due. *NOTE: If you are a cash-only customer you may not use this option.*
- **Pay by credit card using one of the following options (24/7).** A service fee will apply to each credit card payment.
  - MyWater:** Log onto our online customer portal, at [myaccount.amwater.com](http://myaccount.amwater.com), and follow the steps to pay by credit card.
  - By phone:** Contact our Customer Service Center at 1-800-685-8660 and follow the prompts to pay your bill by credit card.
  - Online:** [www.amwater.com/billpay](http://www.amwater.com/billpay)
- **Pay in person with a money order or cash at one of our authorized payment locations.** To find the closest location near you, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com). Under Customer Service & Billing, select Billing & Payment Info.

You may also call 1-800-685-8660 to discuss your eligibility to enter into a payment arrangement, to let us know that you made a payment; or to dispute the overdue bill.

At American Water, the health and safety of our customers, communities and employees is our top priority. To minimize the risk of exposure to the coronavirus, we have closed our walk-in payment centers and initiated our business continuity plans to help provide additional stability to our operations that include water/wastewater services to your home or businesses. We continue to monitor and are continuously evaluating the situation and latest developments to determine how we can adopt and amend measures, as necessary, to support our customers and communities we serve.

Thank you and we hope to hear from you soon.

Sincerely,

Pennsylvania American Water Customer Service



PENNSYLVANIA  
AMERICAN WATER

P.O. Box 578 Alton, IL 62002

12/16/2020

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

**For Service To:**

Account Number: 1024-220033302739  
Service Address: 1100 Lincoln Rd  
Birdsboro, PA 19508-1804

**Customer Payment Past Due Letter  
Final 12/16/2020**

Dear Pennsylvania American Water Customer:

American Water would like to thank you for being a customer and your trust as we continue to provide you with safe, clean, reliable water/wastewater services. We understand how critical your water service is to you.

As a reminder, we noticed you have not yet paid your bill and it is past due. If you have already paid, please accept our thanks. To make a payment, we have several convenient payment options:

- o **Pay Online:** Log on to **MyWater** at [myaccount.amwater.com](http://myaccount.amwater.com) to make a one-time Electronic Check payment. This service is free of charge. You can also enroll in our Auto Pay program for future bills, so they are paid automatically from your checking or savings account on time, every time on the date the bill is due. *NOTE: If you are a cash-only customer you may not use this option.*
- o **Pay by credit card using one of the following options (24/7).** A service fee will apply to each credit card payment.
  - MyWater:** Log onto our online customer portal, at [myaccount.amwater.com](http://myaccount.amwater.com), and follow the steps to pay by credit card.
  - By phone:** Contact our Customer Service Center at 1-800-685-8660 and follow the prompts to pay your bill by credit card.
  - Online:** [www.amwater.com/billpay](http://www.amwater.com/billpay)
- o **Pay in person with a money order or cash at one of our authorized payment locations.** To find the closest location near you, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com). Under Customer Service & Billing, select Billing & Payment Info.

You may also call 1-800-685-8660 to discuss your eligibility to enter into a payment arrangement, to let us know that you made a payment; or to dispute the overdue bill.

At American Water, the health and safety of our customers, communities and employees is our top priority. To minimize the risk of exposure to the coronavirus, we have closed our walk-in payment centers and initiated our business continuity plans to help provide additional stability to our operations that include water/wastewater services to your home or businesses. We continue to monitor and are continuously evaluating the situation and latest developments to determine how we can adopt and amend measures, as necessary, to support our customers and communities we serve.

Thank you and we hope to hear from you soon.

Sincerely,

Pennsylvania American Water Customer Service



PENNSYLVANIA  
AMERICAN WATER

P.O. Box 578 Alton, IL 62002

01/16/2021

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

**For Service To:**

Account Number: 1024-220033302739  
Service Address: 1100 Lincoln Rd  
Birdsboro, PA 19508-1804

**Customer Payment Past Due Letter  
Final 01/16/2021**

Dear Pennsylvania American Water Customer:

American Water would like to thank you for being a customer and your trust as we continue to provide you with safe, clean, reliable water/wastewater services. We understand how critical your water service is to you.

As a reminder, we noticed you have not yet paid your bill and it is past due. If you have already paid, please accept our thanks. To make a payment, we have several convenient payment options:

- **Pay Online:** Log on to **MyWater** at [myaccount.amwater.com](http://myaccount.amwater.com) to make a one-time Electronic Check payment. This service is free of charge. You can also enroll in our Auto Pay program for future bills, so they are paid automatically from your checking or savings account on time, every time on the date the bill is due. *NOTE: If you are a cash-only customer you may not use this option.*
- **Pay by credit card using one of the following options (24/7).** A service fee will apply to each credit card payment.
  - MyWater:** Log onto our online customer portal, at [myaccount.amwater.com](http://myaccount.amwater.com), and follow the steps to pay by credit card.
  - By phone:** Contact our Customer Service Center at 1-800-685-8660 and follow the prompts to pay your bill by credit card.
  - Online:** [www.amwater.com/billpay](http://www.amwater.com/billpay)
- **Pay in person with a money order or cash at one of our authorized payment locations.** To find the closest location near you, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com). Under Customer Service & Billing, select Billing & Payment Info.

You may also call 1-800-685-8660 to discuss your eligibility to enter into a payment arrangement, to let us know that you made a payment; or to dispute the overdue bill.

At American Water, the health and safety of our customers, communities and employees is our top priority. To minimize the risk of exposure to the coronavirus, we have closed our walk-in payment centers and initiated our business continuity plans to help provide additional stability to our operations that include water/wastewater services to your home or businesses. We continue to monitor and are continuously evaluating the situation and latest developments to determine how we can adopt and amend measures, as necessary, to support our customers and communities we serve.

Thank you and we hope to hear from you soon.

Sincerely,

Pennsylvania American Water Customer Service



PENNSYLVANIA  
AMERICAN WATER

P.O. Box 578 Alton, IL 62002

02/16/2021

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

**For Service To:**

Account Number: 1024-220033302739  
Service Address: 1100 Lincoln Rd  
Birdsboro, PA 19508-1804

**Customer Payment Past Due Letter  
Final 02/16/2021**

Dear Pennsylvania American Water Customer:

American Water would like to thank you for being a customer and your trust as we continue to provide you with safe, clean, reliable water/wastewater services. We understand how critical your water service is to you.

As a reminder, we noticed you have not yet paid your bill and it is past due. If you have already paid, please accept our thanks. To make a payment, we have several convenient payment options:

- o **Pay Online:** Log on to **MyWater** at [myaccount.amwater.com](http://myaccount.amwater.com) to make a one-time Electronic Check payment. This service is free of charge. You can also enroll in our Auto Pay program for future bills, so they are paid automatically from your checking or savings account on time, every time on the date the bill is due. *NOTE: If you are a cash-only customer you may not use this option.*
- o **Pay by credit card using one of the following options (24/7).** A service fee will apply to each credit card payment.
  - MyWater:** Log onto our online customer portal, at [myaccount.amwater.com](http://myaccount.amwater.com), and follow the steps to pay by credit card.
  - By phone:** Contact our Customer Service Center at 1-800-685-8660 and follow the prompts to pay your bill by credit card.
  - Online:** [www.amwater.com/billpay](http://www.amwater.com/billpay)
- o **Pay in person with a money order or cash at one of our authorized payment locations.** To find the closest location near you, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com). Under Customer Service & Billing, select Billing & Payment Info.

You may also call 1-800-685-8660 to discuss your eligibility to enter into a payment arrangement, to let us know that you made a payment; or to dispute the overdue bill.

At American Water, the health and safety of our customers, communities and employees is our top priority. To minimize the risk of exposure to the coronavirus, we have closed our walk-in payment centers and initiated our business continuity plans to help provide additional stability to our operations that include water/wastewater services to your home or businesses. We continue to monitor and are continuously evaluating the situation and latest developments to determine how we can adopt and amend measures, as necessary, to support our customers and communities we serve.

Thank you and we hope to hear from you soon.

Sincerely,

Pennsylvania American Water Customer Service



PENNSYLVANIA  
AMERICAN WATER

P.O. Box 578 Alton, IL 62002

02/17/2021

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

**For-Service To:**

Account Number: 1024-220033302739

Service Address: 1100 Lincoln Rd  
Birdsboro, PA 19508-1804

**Customer Payment Past Due Letter  
Final 02/17/2021**

Dear Pennsylvania American Water Customer:

American Water would like to thank you for being a customer and your trust as we continue to provide you with safe, clean, reliable water/wastewater services. We understand how critical your water service is to you.

As a reminder, we noticed you have not yet paid your bill and it is past due. If you have already paid, please accept our thanks. To make a payment, we have several convenient payment options:

- **Pay Online:** Log on to **MyWater** at [myaccount.amwater.com](http://myaccount.amwater.com) to make a one-time Electronic Check payment. This service is free of charge. You can also enroll in our Auto Pay program for future bills, so they are paid automatically from your checking or savings account on time, every time on the date the bill is due. *NOTE: If you are a cash-only customer, you may not use this option.*
- **Pay by credit card using one of the following options (24/7).** A service fee will apply to each credit card payment.
  - MyWater:** Log onto our online customer portal, at [myaccount.amwater.com](http://myaccount.amwater.com), and follow the steps to pay by credit card.
  - By phone:** Contact our Customer Service Center at 1-800-685-8660 and follow the prompts to pay your bill by credit card.
  - Online:** [www.amwater.com/billpay](http://www.amwater.com/billpay)
- **Pay in person with a money order or cash at one of our authorized payment locations.** To find the closest location near you, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com). Under Customer Service & Billing, select Billing & Payment Info.

You may also call 1-800-685-8660 to discuss your eligibility to enter into a payment arrangement, to let us know that you made a payment; or to dispute the overdue bill.

At American Water, the health and safety of our customers, communities and employees is our top priority. To minimize the risk of exposure to the coronavirus, we have closed our walk-in payment centers and initiated our business continuity plans to help provide additional stability to our operations that include water/wastewater services to your home or businesses. We continue to monitor and are continuously evaluating the situation and latest developments to determine how we can adopt and amend measures, as necessary, to support our customers and communities we serve.

Thank you and we hope to hear from you soon.

Sincerely,

Pennsylvania American Water Customer Service



PENNSYLVANIA  
AMERICAN WATER

P.O. Box 578 Alton, IL 62002

03/03/2021

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

**For Service To:**

Account Number: 1024-220033302739

Service Address: 1100 Lincoln Rd  
Birdsboro, PA 19508-1804

Dear Birdsboro Kosher Farms,

Pennsylvania American Water is proud to provide you with safe, clean, reliable water and/or wastewater service. Since the beginning of the COVID-19 health emergency, Pennsylvania American Water was well ahead of the nationwide mandates to suspend shutoffs, reconnect customers that were shutoff for billing related issues and the suspension of late fees. We voluntarily implemented these measures, prior to many of the nationwide mandates in mid-March 2020. After careful consideration, Pennsylvania American Water announced in November 2020 that it would hold off on resuming termination procedures until after March 31, 2021.

**YOU CURRENTLY HAVE AN UNRESOLVED PAST DUE BALANCE AND ARE AT RISK OF YOUR SERVICE BEING SHUT OFF IF THE BALANCE REMAINS UNPAID AND YOU DO NOT CONTACT US TO ESTABLISH A PAYMENT ARRANGEMENT.**

You will see a late fee applied to your March service on your bill that will be issued in April, and your service may be shut off on or after April 1, 2021 unless you take the appropriate steps to avoid disconnection. If you are experiencing financial hardship as a result of COVID-19 or other circumstances, please reach out to us. Whether you are a residential or non-residential customer, our customer service representatives are ready to work with you on a plan to pay the balance of your bill over time.

To discuss a payment plan, please contact Pennsylvania American Water Customer Service at 1-800-565-7292. If you are a residential customer, you may also qualify to receive assistance through our H2O Help to Others program, which offers one-time hardship grants and monthly bill discounts on water and wastewater bills to income-eligible customers. To see what assistance may be available to you, please visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com) and select Customer Assistance Programs under Customer Service & Billing or call us at 1-800-565-7292. You have a right to file an informal complaint with the PUC if you disagree with the arrangement offered by Pennsylvania American Water. More information about filing an informal PUC complaint can be found at [www.pa.puc.gov](http://www.pa.puc.gov) or by calling the PUC Bureau of Consumer Services at 1-800-692-7380.

Sincerely,

American Water Customer Service



PENNSYLVANIA  
AMERICAN WATER

P.O. Box 578 Alton, IL 62002

03/24/2021

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

**For Service To:**

Account Number: 1024-220033302739

Service Address: 1100 Lincoln Rd  
Birdsboro, PA 19508-1804

Dear Birdsboro Kosher Farms,

THIS IS A PRE-TERMINATION NOTICE. Pennsylvania American Water is proud to provide you with safe, clean, reliable water and/or wastewater service. Since the beginning of the COVID-19 health emergency, Pennsylvania American Water was well ahead of the nationwide mandates to suspend shutoffs, reconnect customers that were shutoff for billing related issues and the suspension of late fees. We voluntarily implemented these measures, prior to many of the nationwide mandates in mid-March 2020. After careful consideration, Pennsylvania American Water announced in November 2020 that it would hold off on resuming termination procedures until after March 31, 2021.

YOU CURRENTLY HAVE AN UNRESOLVED PAST DUE BALANCE AND ARE AT RISK OF YOUR SERVICE BEING SHUT OFF IF THE BALANCE REMAINS UNPAID AND YOU HAVE NOT ESTABLISHED A PAYMENT ARRANGEMENT. If you have already established a payment arrangement with us and are making payments in accordance with an installment plan, or you have brought your account current, no further action is needed.

You will see a late fee applied to your March service on your bill that will be issued in April, and your service may be shut off on or after April 1, 2021 unless you take the appropriate steps to avoid disconnection. If you are experiencing financial hardship as a result of COVID-19 or other circumstances, please reach out to us. Whether you are a residential or non-residential customer, our customer service representatives are ready to work with you on a plan to pay the balance of your bill over time.

To discuss a payment plan, please contact Pennsylvania American Water Customer Service at 1-800-565-7292. If you are a residential customer, you may also qualify to receive assistance through our H2O Help to Others program, which offers one-time hardship grants and monthly bill discounts on water and wastewater bills to income-eligible customers. To see what assistance may be available to you, please visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com) and select Customer Assistance Programs under Customer Service & Billing or call us at 1-800-565-7292. You have a right to file an informal complaint with the PUC if you disagree with the arrangement offered to you by Pennsylvania American Water. More information about filing an informal PUC complaint can be found at [www.pa.puc.gov](http://www.pa.puc.gov) or by calling the PUC Bureau of Consumer Services at 1-800-692-7380.

Sincerely,

American Water Customer Service



**3-DAY SHUT OFF NOTICE**  
For non-payment of your wastewater bill

This notice is to inform you that we will be shutting off your wastewater service on or after the date shown below because we did not receive payment for your overdue bill.

**Today's Date:** 4/30/2021

**Account Number:** 1024-220033302739

**Name:** Birdsboro Kosher Farms

**Service Address:** 1100 Lincoln Rd, Birdsboro, PA

**Wastewater service will be turned off on or after:** 5/6/2021

**Overdue amount:** \$488,905.01. **Please pay immediately.**

**NOTE:** If payment is not received and your wastewater service is shut off, to restore service, you will have to contact us to schedule an appointment to have your service restored during normal business hours. When the termination of your wastewater service occurs, the sewage generated in your business will no longer flow into the wastewater system. If payment is not made, a stop will be installed in the sewer line to your business. Continued use of your plumbing fixtures will result in sewage backing up into your property.

**It is not too late. To avoid having your service shut off, you must pay the total overdue amount in full.**

**MEDICAL EMERGENCY NOTICE (for residential customers only)**

If someone living in your home is seriously ill, we will not shut off your wastewater service during this illness if you do two things:

1. Have a licensed doctor or nurse practitioner certify in writing that the illness exists, and that the person will be in danger if you do not have wastewater service.
2. Make arrangements to pay your overdue and current wastewater bills by calling **1-877-230-0718**.

Special protections are also available for victims under a protection from abuse order. Call **1-877-230-0718** to learn more.

If you have any questions or need more information, contact us as soon as possible at **1-877-230-0718**. After you talk to us, if you are not satisfied, you may file a complaint with the Public Utility Commission. The Public Utility Commission may delay the shut off if you file a complaint before the shut off date. To contact them, call 800-692-7380 or write to the Pennsylvania Public Utility Commission, P.O. Box 3265, Harrisburg PA 17105-3265.

PARA DETENER EL CIERRE, usted debe pagar la cantidad vencida O Usted debe llamar al 1-855-669-8753, si usted tiene alguna pregunta o necesita más información.





For Service To: 1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

<b>Account Number</b>	1024-220033302739
<b>Pay Before</b>	05/06/2021
<b>Total Due</b>	488,905.01

04/26/2021

BIRDSBORO KOSHER FARMS  
1100 LINCOLN RD  
BIRDSBORO, PA 19508-1804

**TIME SENSITIVE NOTICE:**

To ensure timely receipt of your payment, please use one of the payment options noted below. Do not mail your payment.

**IMPORTANT: OVERDUE NOTICE**  
Please read and take the steps needed to avoid your service from being terminated.

**PAY THIS AMOUNT                      \$488,905.01                      PRIOR TO                      05/06/2021**

Providing reliable, quality wastewater service to our customers is a top priority. That's why we are contacting you today about a very important matter regarding your account. Your wastewater bill for the amount shown above is now overdue. To assure continued service, payment is due upon receipt of this notice. If you have already submitted your payment, thank you and please disregard this notice. As a reminder, we provide our customers with several convenient ways to pay their bills.

1. Register for a self-service account and submit payment at [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount).
2. Sign up for our automatic payment program through our web site.
3. Mail your payment using the return envelope enclosed with your bill.
4. Pay by phone by calling 855-748-6066. (A small fee is charged for this service.)
5. Pay at a local authorized payment location. You can search for sites by zip code on our website.
6. If you do not respond to this notice and your service is disconnected, any installment plan may be considered in default and you may be required to pay the full amount due and a service charge of \$30.00 before service is reconnected.

If you are unable to make payment in full, you may contact the company within the next 10 days to see if you are eligible to make payment arrangements.

Again, thank you for the opportunity to provide quality, reliable wastewater service in your community. If you have additional questions, please contact our customer service center at 1-855-669-8753.

**CONVENIENT PAYMENT OPTIONS**

 **Pay your bill online:**  
[www.amwater.com/myaccount](http://www.amwater.com/myaccount)

 **Pay by Phone: 855-748-6066**  
24 hours a day, seven days a week  
TTY/TDD FOR THE HEARING  
IMPAIRED: 711 (and then  
reference Customer Service  
number listed above)

 **Pay in person:** for a list of approved payment locations, visit [www.amwater.com/myaccount](http://www.amwater.com/myaccount)

Customer Service: M-F 7am to 7pm    Emergency: 24/7 1-855-669-8753    [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com)

## ADDRESS, EMAIL OR PHONE NUMBER CHANGE REQUEST

Please let us know if we need to update your contact information in our records. NOTE: If you are moving or need to make a name change, please contact our customer service center at the phone number listed on the front of this notice. Updates to your contact information can also be made through our online self-service tool, **MyAccount**. Access MyAccount from any electronic device by visiting [www.amwater.com/MyAccount](http://www.amwater.com/MyAccount).

---



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

**NPDES PERMIT NO: PA0026972**

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

**Pennsylvania American Water  
852 Wesley Drive  
Mechanicsburg, PA 17055**

is authorized to discharge from a facility known as **Exeter Township WWTP Birdsboro**, located in **Exeter Township, Berks County**, to **Schuylkill River (WWF, MF)** in Watershed(s) **3-C** in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts A, B and C hereof.

**THIS PERMIT SHALL BECOME EFFECTIVE ON** NOVEMBER 1, 2019

**THIS PERMIT SHALL EXPIRE AT MIDNIGHT ON** OCTOBER 31, 2024

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

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

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

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

**DATE PERMIT ISSUED** OCT 30 2019

**ISSUED BY** Maria D. Bebenek  
**Maria D. Bebenek, P.E.**  
**Environmental Program Manager**  
**Southcentral Regional Office**



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

I. A. For Outfall 001, Latitude 40° 16' 33", Longitude 75° 50' 13", River Mile Index 65.6, Stream Code 0833

Receiving Waters: Schuylkill River (WWF, MF)

Type of Effluent: Sewage Effluent

1. The permittee is authorized to discharge during the period from November 1, 2019 through October 31, 2024.
2. Based on the anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements and Footnotes).

Parameter	Effluent Limitations					Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)			Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Instant. Minimum	Average Monthly	Weekly Average		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	Continuous	Measured
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	1/day	Grab
Dissolved Oxygen	XXX	XXX	5.0	XXX	XXX	1/day	Grab
Total Residual Chlorine (TRC)	XXX	XXX	XXX	0.40	XXX	1/day	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5)	203	305	XXX	20.3	30.5	1/week	24-Hr Composite
Biochemical Oxygen Demand (BOD5)	Report	Report Daily Max	XXX	Report	XXX	1/week	24-Hr Composite
Raw Sewage Influent*	Report	Report Daily Max	XXX	Report	XXX	1/week	24-Hr Composite
Total Suspended Solids Raw Sewage Influent*	Report	Report Daily Max	XXX	Report	XXX	1/week	24-Hr Composite
Total Suspended Solids	244	366	XXX	24.4	36.6	1/week	24-Hr Composite
Total Dissolved Solids	Report	XXX	XXX	1500.0	XXX	1/week	24-Hr Composite
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000	XXX	1/week	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200	XXX	1/week	Grab

Outfall001 , Continued (from Permit Effective Date through Permit Expiration Date )

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Instant. Minimum	Average Monthly	Weekly Average	Instant. Maximum		
Ammonia-Nitrogen Nov 1 - Apr 30	200	XXX	XXX	20.0	XXX	40	1/week	24-Hr Composite
Ammonia-Nitrogen May 1 - Oct 31	71	XXX	XXX	7.1	XXX	14.2	1/week	24-Hr Composite
Total Kjeldahl Nitrogen	Report	XXX	XXX	Report	XXX	XXX	1/week	24-Hr Composite
Nitrate-Nitrite as N	Report	XXX	XXX	Report	XXX	XXX	1/week	24-Hr Composite
Total Nitrogen	Report	XXX	XXX	Report	XXX	XXX	1/week	Calculation
Total Phosphorus	Report	XXX	XXX	Report	XXX	XXX	1/week	24-Hr Composite
Copper, Total	0.53	0.83 Daily Max	XXX	0.053	0.083 Daily Max	0.13	1/week	24-Hr Composite
PCBs Dry Weather Analysis (ng/L)	XXX	XXX	XXX	XXX	Report Daily Max	XXX	1/year	24-Hr Composite
PCBs Wet Weather Analysis (ng/L)	XXX	XXX	XXX	XXX	Report Daily Max	XXX	1/year	24-Hr Composite

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

After the East Treatment Plant

\*If there is no discharge from the outfall during the reporting period, the influent BODs and TSS do not need to be sampled

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

I. B. For Outfall 002, Latitude 40° 16' 33", Longitude 75° 50' 16", River Mile Index 65.6, Stream Code 0833

Receiving Waters: Schuylkill River (WWF)

Type of Effluent: Sewage Effluent

1. The permittee is authorized to discharge during the period from November 1, 2019 through October 31, 2024.
2. Based on the anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements and Footnotes).

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)			Instant. Maximum	Minimum Measurement Frequency <sup>(2)</sup>	Required Sample Type
	Average Monthly	Weekly Average	Instant. Minimum	Average Monthly	Weekly Average			
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	Continuous	Measured
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0	1/day	Grab
Dissolved Oxygen	XXX	XXX	5.0	XXX	XXX	XXX	1/day	Grab
Total Residual Chlorine (TRC)	XXX	XXX	XXX	0.40	XXX	1.3	1/day	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5)	999	1501	XXX	20.3	30.5	40.6	1/week	24-Hr Composite
Biochemical Oxygen Demand (BOD5)	Report	Report Daily Max	XXX	Report	XXX	XXX	1/week	24-Hr Composite
Raw Sewage Influent	1201	1801	XXX	24.4	36.6	48.8	1/week	24-Hr Composite
Total Suspended Solids	Report	Report Daily Max	XXX	Report	XXX	XXX	1/week	24-Hr Composite
Total Dissolved Solids	Report	XXX	XXX	1500.0	XXX	3000	1/week	24-Hr Composite
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	2000	XXX	10000	1/week	Grab
Oct 1 - Apr 30				Geo Mean				
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	1000	1/week	Grab
May 1 - Sep 30				Geo Mean				

Outfall 002, Continued (from Permit Effective Date through Permit Expiration Date)

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Instant. Minimum	Average Monthly	Weekly Average	Instant. Maximum		
Ammonia-Nitrogen Nov 1 - Apr 30	984	XXX	XXX	20.0	XXX	40	1/week	24-Hr Composite
Ammonia-Nitrogen May 1 - Oct 31	349	XXX	XXX	7.1	XXX	14.2	1/week	24-Hr Composite
Total Kjeldahl Nitrogen	Report	XXX	XXX	Report	XXX	XXX	1/week	24-Hr Composite
Nitrate-Nitrite as N	Report	XXX	XXX	Report	XXX	XXX	1/week	24-Hr Composite
Total Nitrogen	Report	XXX	XXX	Report	XXX	XXX	1/week	Calculation
Total Phosphorus	Report	XXX	XXX	Report	XXX	XXX	1/week	24-Hr Composite
Copper, Total	2.6	4.1 Daily Max	XXX	0.053	0.083 Daily Max	0.13	1/week	24-Hr Composite
PCBs Dry Weather Analysis (ng/L)	XXX	XXX	XXX	XXX	Report Daily Max	XXX	1/year	24-Hr Composite
PCBs Wet Weather Analysis (ng/L)	XXX	XXX	XXX	XXX	Report Daily Max	XXX	1/year	24-Hr Composite

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

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

Additional Requirements

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

Footnotes

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

Supplemental Information

- (1) The effluent limitations for Outfalls 001 and 002 were determined using a combined discharge of 7.1 MGD (for 1.2 MGD from outfall 001 and 5.9 MGD from outfall 002).
- (2) Total Nitrogen is the sum of Total Kjeldahl-N (TKN) plus Nitrite-Nitrate as N ( $\text{NO}_2 + \text{NO}_3\text{-N}$ ), where TKN and  $\text{NO}_2 + \text{NO}_3\text{-N}$  are measured in the same sample.

## II. DEFINITIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

*Toxic Pollutant* means those pollutants, or combinations of pollutants, including disease-causing agents, which after discharge and upon exposure, ingestion, inhalation or assimilation into any organism, either directly from the environment or indirectly by ingestion through food chains may, on the basis of information available to DEP cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions,

including malfunctions in reproduction, or physical deformations in these organisms or their offspring. (25 Pa. Code § 92a.2)

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

#### A. Representative Sampling

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

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

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

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

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

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

4. Test Procedures

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

5. Quality/Assurance/Control

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

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

B. Reporting of Monitoring Results

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

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

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

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

### C. Reporting Requirements

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

Notice is required when:

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

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

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

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

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

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

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

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

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

3. Reporting Requirements for Hauled-In Wastes

a. Receipt of Residual Waste

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

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

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

(6) The type of wastewater.

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

(ii) The following conditions apply to the characterization of residual wastes received by the permittee:

(1) If the generator is required to complete a chemical analysis of residual wastes in accordance with 25 Pa. Code § 287.51, the permittee must receive and maintain on file a chemical analysis of the residual wastes it receives. The chemical analysis must conform to the Bureau of Waste Management's Form 26R except as noted in paragraph (2), below. Each load of residual waste received must be covered by a chemical analysis if the generator is required to complete it.

(2) For wastewater generated from hydraulic fracturing operations ("frac wastewater") within the first 30 production days of a well site, the chemical analysis may be a general frac wastewater characterization approved by DEP. Thereafter, the chemical analysis must be waste-specific and be reported on the Form 26R.

b. Receipt of Municipal Waste

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

The following information is required by the Supplemental Report:

- (1) The dates that municipal wastes were received.
- (2) The volume (gallons) of wastes received.
- (3) The BOD<sub>5</sub> concentration (mg/l) and load (lbs) for the wastes received.
- (4) The location(s) where wastes were disposed of within the treatment facility.

(ii) Sampling and analysis of hauled-in municipal wastes must be completed to characterize the organic strength of the wastes, unless composite sampling of influent wastewater is performed at a location downstream of the point of entry for the wastes.

4. Unanticipated Noncompliance or Potential Pollution Reporting

a. Immediate Reporting - The permittee shall immediately report any incident causing or threatening pollution in accordance with the requirements of 25 Pa. Code §§ 91.33 and 92a.41(b).

(i) If, because of an accident, other activity or incident a toxic substance or another substance which would endanger users downstream from the discharge, or would otherwise result in pollution or create a danger of pollution or would damage property, the permittee shall immediately notify DEP by telephone of the location and nature of the danger. Oral notification to the Department is required as soon as possible, but no later than 4 hours after the permittee becomes aware of the incident causing or threatening pollution.

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

5. Other Noncompliance

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

**PART B**

**I. MANAGEMENT REQUIREMENTS**

A. Compliance

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

B. Permit Modification, Termination, or Revocation and Reissuance

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

C. Duty to Provide Information

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

D. General Pretreatment Requirements

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

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

E. Proper Operation and Maintenance

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

F. Duty to Mitigate

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

G. Bypassing

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

H. Sanitary Sewer Overflows (SSOs)

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

## II. PENALTIES AND LIABILITY

### A. Violations of Permit Conditions

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

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

### B. Falsifying Information

Any person who does any of the following:

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

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

### C. Liability

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

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

### D. Need to Halt or Reduce Activity Not a Defense

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

## III. OTHER RESPONSIBILITIES

### A. Right of Entry

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

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

B. Transfer of Permits

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

C. Property Rights

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

D. Duty to Reapply

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

E. Other Laws

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

IV. ANNUAL FEE

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

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

As of the effective date of this permit, the facility covered by the permit is classified in the following fee category: **Major Sewage Facility >=5 MGD.**

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

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

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

**PART C**

**I. OTHER REQUIREMENTS**

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

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

- F. Notification of the designation of the responsible operator must be submitted to the permitting agency by the permittee within 60 days after the effective date of the permit and from time to time thereafter as the operator is replaced.
- G. This discharge may also be subject to effluent limitations and conditions as developed and required by the Delaware River Basin Commission (DRBC). The DRBC limits may be more stringent. Please contact the DRBC for more information at (609) 883-9500.

**II. INDUSTRIAL PRETREATMENT PROGRAM**

- A. The permittee shall develop and implement an industrial pretreatment program ("program") to assure that the permittee's facilities are capable of maintaining compliance with the terms and conditions of this permit

and are not subject to pass through, interference, or reductions in sludge quality due to contributions from industrial users as defined by 25 Pa. Code § 94.1. The permittee shall submit a copy of the industrial pretreatment program to DEP within sixty (60) days from the date of permit issuance. The permittee's program shall include the following elements:

1. Establishment of Industrial User Limits – The permittee shall establish and enforce pollutant limits for industrial users ("industrial user limits") that assure the mass of pollutants entering the permittee's treatment plant will not result in non-compliance with the permittee's effluent limitations contained in Part A of this permit. The permittee's industrial user limits shall, at a minimum, be consistent with the technology-based pretreatment standards contained in 40 CFR Parts 405 through 471, as applicable. The permittee shall submit industrial user limits to DEP upon request.
  2. Reevaluation of Industrial User Limits.
    - a. The permittee shall conduct a headworks analysis in order to reevaluate its industrial user limits within one year of the date of transfer of this permit or, if a headworks analysis of the treatment plant has been completed within the previous five years, within five years from completion of the previous headworks analysis. The reevaluation of industrial user limits shall consider, at a minimum, all water quality standards under 25 Pa. Code Chapter 93 applicable to the pollutants included in the reevaluation, unless the permittee is subject to an effluent limitation for the pollutant in Part A of this permit. Unless otherwise approved in writing, the list of pollutants shall include arsenic, cadmium, chromium, copper, cyanide, lead, mercury, molybdenum, nickel, selenium, silver, zinc, BOD<sub>5</sub>, TSS, ammonia, any pollutants for which an industrial user limit currently exists, any pollutant limited in this permit, as well as any other pollutants that have been identified in the treatment plant through monitoring or the receipt of indirect discharges and hauled-in wastes in quantities that have the potential to cause pass through and/or interference. The headworks analysis shall be submitted to DEP upon completion.
    - b. The permittee shall consider any changes that have occurred to federal pretreatment standards in 40 CFR Parts 405 through 471 that have been promulgated by the U.S. Environmental Protection Agency since the previous reevaluation.
    - c. Within four months of completion of the headworks analysis, the permittee shall revise industrial user limits as necessary and notify industrial users of any revised limits.
  3. Routine Monitoring – The permittee shall conduct monitoring at its treatment plant that, at a minimum, includes quarterly influent, effluent, and sludge analysis for all pollutants for which industrial user limits have been established, and an annual priority pollutant scan for influent and sludge.
  4. Notification of Pass Through or Interference – The permittee shall notify DEP in writing of any instance of pass through or interference, as defined by 25 Pa. Code § 94.1 respectively, known or suspected to be related to a discharge from an industrial user into the treatment plant. The notification shall be attached to the DMR for the month in which the incident occurred, and shall describe the incident, including the date, time, length, cause (including responsible user if known), and the steps taken by the permittee and industrial user (if identified) to address the incident.
- B. Annual Report – By March 31 of each year, the permittee shall submit to DEP a report documenting its activities under the industrial pretreatment program for the previous calendar year. The permittee shall attach the report to the annual report that is required by 25 Pa. Code § 94.12 ("Chapter 94 Report"). The permittee shall provide the following information in its annual industrial user management program report, at minimum:
1. An updated industrial listing providing the names and addresses of all current industrial users.
  2. A summary of any hauled-in wastes accepted at the treatment plant including the source of the wastes (domestic, commercial or industrial) and the receiving location for acceptance of the wastes. For each industrial source, the report shall indicate (1) the name and address of the industrial source; (2) the

average daily amount of wastewater received; (3) a brief description of the type of process operations conducted at the industrial facility; and (5) any controls imposed on the user.

3. A summary of the number and types of inspections and sampling events of industrial users by the permittee, including a list of all industrial users either not sampled or not inspected, and the reason that the sampling and/or inspection was not conducted.
  4. A summary of the number and type of violations of industrial user limits, and the actions taken by the permittee to obtain compliance.
  5. A summary of any interference, pass through, or permit violations at the treatment plant with an indication of the following: (1) which, if any, permit violations may be attributed to industrial users; (2) which industrial users are responsible for such violations; and (3) the actions taken to address these events. The report shall also include all sampling and analysis of treatment plant influent, effluent, and sludge conducted during the year for industrial user limit pollutants and priority pollutants.
  6. A summary of any changes made or proposed to the program during the period covered by the report and the date of submission to DEP.
- C. Program Changes – DEP may require the permittee to submit changes to its industrial pretreatment program if any one or more of the following conditions occur:
1. Problems such as interference, pass through or sludge contamination develop or continue.
  2. The treatment plant proposes to introduce new pollutants or an increased loading of approved pollutants as described in Part A III.C.2 of this permit.
  3. Federal, State, or local requirements change;
  4. Changes are needed to assure protection of waters of the Commonwealth.

### III. SOLIDS MANAGEMENT

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

### IV. WHOLE EFFLUENT TOXICITY (WET)

#### A. General Requirements

1. The permittee shall conduct Chronic WET tests as specified in this section. The permittee shall collect discharge samples and perform WET tests to generate chronic survival and reproduction data for the cladoceran, *Ceriodaphnia dubia* and chronic survival and growth data for the fathead minnow, *Pimephales promelas*.
2. Samples shall be collected at Outfall 002 and shall be representative.

3. The permittee shall perform testing using the following dilution series: 2%, 4%, 30%, 60%, and 100% effluent, with a control, where 4% is the facility-specific Target In-Stream Waste Concentration (TIWC).
4. The determination of whether a test endpoint passes or fails shall be made using DEP's WET Analysis Spreadsheet (available at [www.dep.pa.gov/wett](http://www.dep.pa.gov/wett)) by comparing replicate data for the control with replicate data for the TIWC dilution or any dilution greater than the TIWC.
5. The permittee shall submit only valid WET test results to DEP.

B. Test Frequency and Reporting

1. WET testing shall be conducted annually, at a minimum, during the period January 1 – December 31. Annual WET tests must be completed at least 6 months apart, and shall start in the year the permit becomes effective if the permit effective date is prior to October 1.
2. A complete WET test report shall be submitted to the DEP regional office that issued the permit within 45 days of test completion. A complete WET test report submission shall include the information contained in paragraph H, below. The permittee shall continue annual WET monitoring, at a minimum, during the permit renewal review period and during any period of administrative extension of this permit.
3. If a test failure is determined for any endpoint during annual monitoring, the permittee shall initiate a re-test for the species with the failure within 45 days of test completion. All endpoints for the species shall be evaluated in the re-test. The results of the re-test shall be submitted to the DEP regional office that issued the permit.
4. If a passing result is determined for all endpoints in a re-test, the permittee may resume annual monitoring.
5. If there is a failure for one or more endpoints in a re-test, the permittee shall initiate or continue quarterly WET testing for both species until there are four consecutive passing results for all endpoints. The results of all tests shall be submitted to the DEP regional office that issued the permit. In addition, the permittee shall initiate a Phase I Toxicity Reduction Evaluation (TRE) as specified in paragraph C, below.
6. The permittee shall attach the WET Analysis Spreadsheet for the latest four consecutive WET tests to the NPDES permit renewal application that is submitted to DEP at least 180 days prior to the permit expiration date.

C. Phase I Toxicity Reduction Evaluation (TRE)

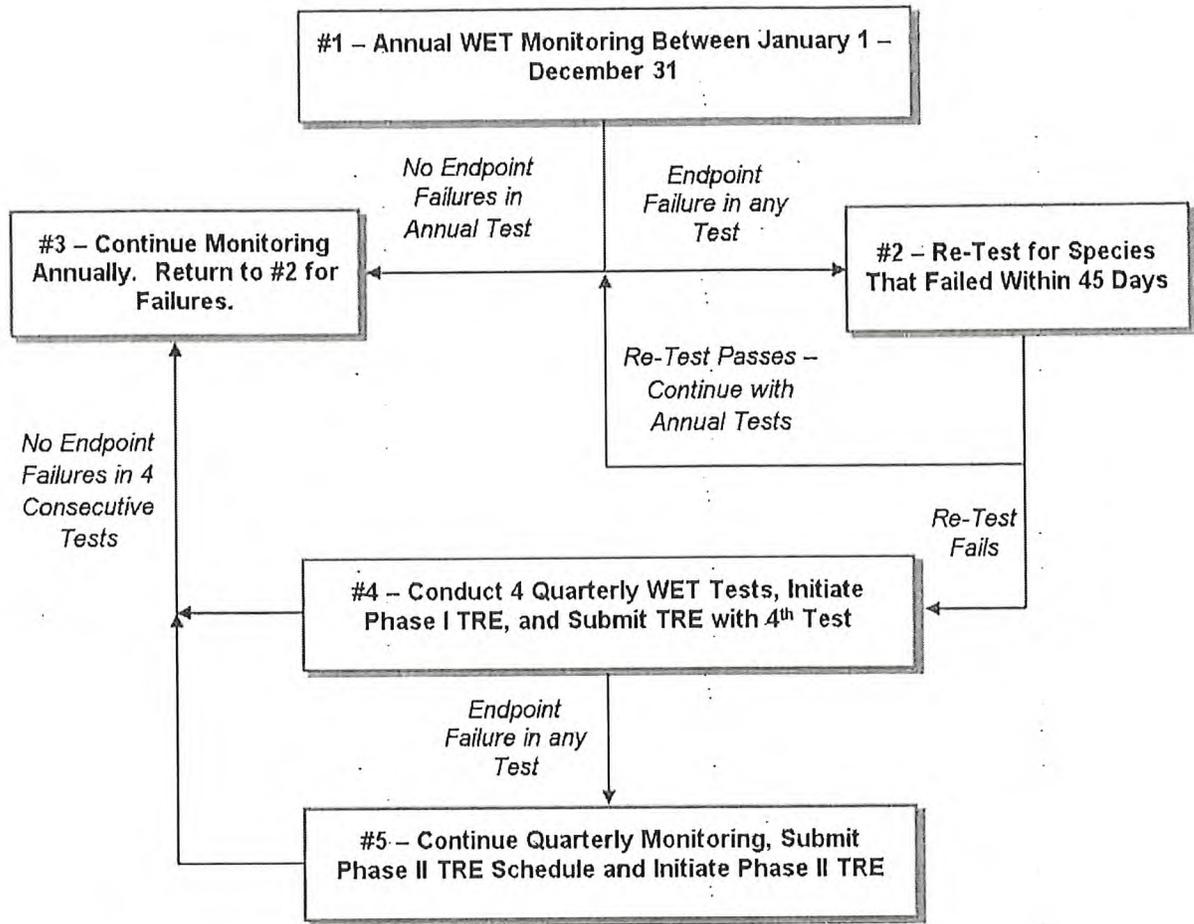
1. The Phase I TRE trigger is one WET endpoint failure followed by a re-test that confirms the failure for the same species. When the TRE process is triggered, quarterly WET testing shall be initiated for both species until there are four consecutive passing results for all endpoints. The Phase I TRE may include a Toxicity Identification Evaluation (TIE) if the permittee cannot immediately identify the possible causes of the effluent toxicity and the possible sources of the causative agents.
2. The permittee shall, within one year following the Phase I TRE trigger, submit a Phase I TRE report to the DEP regional office that issued the permit. The Phase I TRE shall be conducted in accordance with EPA's guidance, "Toxicity Reduction Evaluation for Municipal Wastewater Treatment Plants" (EPA/833B-99/002), "Generalized Methodology for Conducting Industrial Toxicity Reduction Evaluations" (EPA/600/2-88/070), and other relevant EPA guidance, as applicable. If a TIE is conducted as part of the Phase I TRE, it shall conform to EPA's guidance, "Methods for Aquatic Toxicity Identification Evaluations Phase I" (EPA/600/6-91/003), "Phase II" (EPA/600/R-92/080), "Phase III" (EPA/600/R-92/081) and other relevant EPA guidance. The Phase I TRE report shall be submitted with the fourth quarterly WET test report that is completed following the Phase I TRE trigger.

The TRE shall include all activities undertaken to identify the cause(s) and source(s) of toxicity and any control efforts.

3. If all four quarterly WET tests produce passing results for all endpoints during the Phase I TRE process, performance of a Phase II TRE is not required, and annual WET testing in accordance with paragraph B.1 may resume.
4. If the four WET tests produce at least one failing result during the Phase I TRE process, the permittee shall continue quarterly WETT monitoring for both species and initiate a Phase II TRE in accordance with paragraph D. In this case, the Phase I TRE must include a schedule for completion of the Phase II TRE. The schedule must include interim milestones and a final completion date not to exceed two years from the initiation of the Phase II TRE. The permittee shall implement the Phase II TRE in accordance with the schedule unless DEP issues written approval to modify the schedule or cease performance of the Phase II TRE.
5. Re-tests during the TRE process are required for invalid tests but are optional and at the discretion of the permittee for valid tests. The results of all re-tests must be submitted to the DEP regional office that issued the permit along with the required elements in paragraph H.

D. Phase II Toxicity Reduction Evaluation (TRE)

1. The Phase II TRE trigger is one WET endpoint failure during performance of the Phase I TRE. A Phase II TRE, if required, shall conform to EPA's guidance, "Toxicity Reduction Evaluation for Municipal Wastewater Treatment Plants" (EPA/833B-99/002), "Generalized Methodology for Conducting Industrial Toxicity Reduction Evaluations" (EPA/600/2-88/070), and other relevant EPA guidance, as applicable. A Phase II TRE evaluates the possible control options to reduce or eliminate the effluent toxicity and the implementation of controls.
2. Once initiated, the Phase II TRE must continue until the source(s) of toxicity are controlled as evidenced by four consecutive WET test passing results for all endpoints, and a final TRE report must be submitted on or before the date specified in the schedule, unless otherwise approved by DEP in writing.
3. If four consecutive quarterly WET tests produce passing results for all endpoints during the Phase II TRE process, annual WET testing in accordance with paragraph B.1 may be initiated or resume.
4. An overview of the process described in paragraphs B, C and D is presented below:



E. Sample Collection

For each acute testing event, a 24-hour flow-proportioned composite sample shall be collected. For each chronic testing event, three 24-hour flow-proportioned, composite samples shall be collected over a seven day exposure period. The samples must be collected at a frequency of not greater than every two hours and must be flow-proportioned. The samples must be collected at the permit compliance sampling location. Samples must be analyzed within 36 hours from the end of the compositing period and must be placed on ice and held at  $\leq 6^{\circ}\text{C}$ . Refer to the sample handling and preservation regulations set forth in 40 CFR 136, 25 Pa. Code Chapter 252, The NELAC Institute (TNI) Standard, and the appropriate EPA methods.

F. Test Conditions and Methods

Laboratories must be accredited by the DEP Laboratory Accreditation Program in order to perform and report WET tests for NPDES permit compliance. Laboratories must be either State or NELAP accredited.

1. Acute tests shall be completed in accordance with EPA's "Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms" (EPA-821-R-02-012, latest edition). Forty eight (48) hour static non-renewal tests shall be used.
2. Chronic tests shall be completed in accordance with EPA's "Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" (EPA-821-R-02-013, latest edition). Seven (7) day tests shall be used with renewal every 24 hours.

3. The quality assurance and control (QA/QC) requirements and test acceptability standards specified in EPA's test methods and the requirements set forth in 25 Pa Code Chapter 252 or the TNI Standard must be followed.
4. If the permittee or its accredited laboratory determines that QA/QC requirements and/or test acceptability standards have not been met, a re-test shall be initiated within 45 days. Original test data must be maintained by the laboratory and be submitted to DEP upon request. The justification for a re-test must be clearly documented and kept on file with the sample results.

G. Chemical Analyses

Chemical analyses must follow the requirements of the EPA methods and applicable State and/or Federal regulations.

1. Chemical analysis on effluent samples shall include pH, Conductivity, Total Alkalinity, Total Hardness, Total Residual Chlorine, Total Ammonia (Unionized Ammonia), Dissolved Oxygen and temperature. Chemical analyses as described in the EPA Methods (above) shall be performed for each sampling event, including each new batch of dilution water and each testing event.
2. In addition to the chemical analyses required above, those parameters listed in Part A of the NPDES permit for the outfall(s) tested shall be analyzed concurrently with the WET test by using the method(s) specified in the permit.

H. WET Report Elements

WET test reports that are submitted to DEP must include the requirements identified in 25 Pa. Code § 252.401(j)(1) – (15) or in the TNI Standard, or equivalent, as well as the following information:

1. A general test description, including the origin and age of test organisms, dates and results of reference toxicant tests, light and temperature regimes, and other documentation that QA and test acceptability criteria as specified in EPA's methods and DEP's QA Summaries have been met.
2. A description of sample collection procedures and sampling location.
3. Name(s) of individual(s) collecting and transporting samples, including sample renewals, and the date(s) and time(s) of sample collection.
4. All chemical and physical data including laboratory quantitation limits and observations made on the species. The hardness shall be reported for each test condition.
5. Copies of raw data sheets and/or bench sheets with data entries and signatures.
6. When effluents are dechlorinated, dechlorination procedures must be described and if applicable a thiosulfate control used in addition to the normal dilution water control. If the thiosulfate control results are significantly different from the normal control, as determined using DEP's WET Analysis Spreadsheet, the thiosulfate control shall be used in the spreadsheet for comparison with the TIWC condition. The WET report must specify which control was used to determine whether the test result is pass or fail.
7. A description of all observations or test conditions that may have affected the test outcome.
8. Control charts for the species tested regarding age, temperature test range, mortality data and all reference toxicant tests.
9. A completed WET test summary report (3800-FM-BCW0485).
10. A DEP WET Analysis Spreadsheet printout that provides control and TIWC replicate data and displays the outcome of the test (pass or fail) for each endpoint tested.

WETT reports shall be submitted to the DEP regional office that issued the permit and, for discharges to the Delaware River basin, the Delaware River Basin Commission (DRBC).

**V. REQUIREMENTS APPLICABLE TO STORMWATER OUTFALLS**

- A. The permittee is authorized to discharge non-polluting stormwater from its site, alone or in combination with other wastewaters, through the following outfalls:

Outfall No.	Latitude	Longitude	Description
003	40° 16' 40"	75° 50' 18"	Treatment units, roadways, grassy areas
004	40° 16' 39"	75° 50' 16"	Treatment units, roadways, grassy areas
005	40° 16' 38"	75° 50' 13"	Treatment units, roadways, grassy areas
006	40° 16' 42"	75° 50' 07"	Treatment units, roadways, grassy areas

Monitoring requirements and effluent limitations for these outfalls are specified in Part A of this permit, if applicable.

B. Preparedness, Prevention and Contingency (PPC) Plan

1. The permittee shall develop and implement a PPC Plan in accordance with 25 Pa. Code § 91.34 following the guidance contained in DEP's "Guidelines for the Development and Implementation of Environmental Emergency Response Plans" (DEP ID 400-2200-001), its NPDES-specific addendum and the minimum requirements below.
  - a. The PPC Plan must identify all potential sources of pollutants that may reasonably be expected to affect the quality of stormwater discharges from the facility.
  - b. The PPC Plan must describe preventative measures and BMPs that will be implemented to reduce or eliminate pollutants from coming into contact with stormwater resulting from routine site activities and spills.
  - c. The PPC Plan must address actions that will be taken in response to on-site spills or other pollution incidents.
  - d. The PPC Plan must identify areas which, due to topography or other factors, have a high potential for soil erosion, and identify measures to limit erosion. Where necessary, erosion and sediment control measures must be developed and implemented in accordance with 25 Pa. Code Chapter 102 and DEP's "Erosion and Sediment Pollution Control Manual" (DEP ID 363-2134-008).
  - e. The PPC Plan must address security measures to prevent accidental or intentional entry which could result in an unintentional discharge of pollutants.
  - f. The PPC Plan must include a plan for training employees and contractors on pollution prevention, BMPs, and emergency response measures.
  - g. If the facility is subject to SARA Title III, Section 313, the PPC Plan must identify releases of "Water Priority Chemicals" within the previous three years. Water Priority Chemicals are those identified in EPA's "Guidance for the Determination of Appropriate Methods for the Detection of Section 313 Water Priority Chemicals" (EPA 833-B-94-001, April 1994). The Plan must include an evaluation of all activities that may result in the stormwater discharge of Water Priority Chemicals.
  - h. Spill Prevention Control and Countermeasure (SPCC) plans may be used to meet the requirements of this section if the minimum requirements are addressed.
2. The permittee shall review and if necessary update the PPC Plan on an annual basis, at a minimum,

and when one or more of the following occur:

- a. Applicable DEP or federal regulations are revised, or this permit is revised.
- b. The PPC Plan fails in an emergency.
- c. The facility's design, industrial process, operation, maintenance, or other circumstances change in a manner that materially increases the potential for fires, explosions or releases of toxic or hazardous constituents; or which changes the response necessary in an emergency.
- d. The list of emergency coordinators or equipment changes.
- e. When notified in writing by DEP.

The permittee shall maintain all PPC Plan updates on-site, make the updates available to DEP upon request.

C. Minimum Required BMPs

In addition to BMPs identified in the PPC Plan, the permittee shall implement the following minimum BMPs relating to stormwater pollution prevention:

1. If applicable, post-construction stormwater BMPs that are required under 25 Pa. Code Chapter 102 must be maintained.
2. Manage sludge in accordance with all applicable permit requirements.
3. Store chemicals in secure and covered areas on impervious surfaces away from storm drains.
4. For new facilities and upgrades, design wastewater treatment facilities to avoid, to the maximum extent practicable, stormwater commingling with sanitary wastewater, sewage sludge, and biosolids.
5. Efficiently use herbicides for weed control. Where practicable, use the least toxic herbicide that will achieve pest management objectives. Do not apply during windy conditions.
6. Do not wash parts or equipment over impervious surfaces that wash into storm drains.
7. Implement infiltration techniques, including infiltration basins, trenches, dry wells, porous pavement, etc., wherever practicable

D. Routine Inspections.

Areas contributing to a stormwater discharge associated with industrial activity shall be visually inspected for evidence of, or the potential for, pollutants entering the drainage system. BMPs in the PPC Plan and required by this permit shall be inspected on a semiannual basis, at a minimum, to determine whether they are adequate and properly implemented in accordance with the terms of this permit or whether additional control measures are needed. Documentation of inspections shall be maintained on-site and be made available to DEP upon request.

E. Stormwater Sampling Requirements – Not Applicable

## VI. PCB POLLUTANT MINIMIZATION PLAN AND MONITORING

- A. On April 7, 2007, the U.S. Environmental Protection Agency (EPA) Region 3 adopted a Total Maximum Daily Load (TMDL) for Polychlorinated Biphenyls (PCBs) in the Schuylkill River. Implementation of the TMDL requires that permitted facilities that discharge directly to the Schuylkill River conduct sampling for PCBs and, based upon review of the results, develop and implement a PCB Pollutant Minimization Plan (PMP). The Schuylkill River's PCB TMDL was established using a water quality criterion of 0.044 ng/l for PCBs. Based on the sampling results submitted by the facility, this facility is required to develop and implement a PCB PMP.
- B. The permittee shall collect one 24-hour composite sample annually during a wet weather flow and one 24-hour composite sample annually during a dry weather flow. The samples shall be collected from Outfall(s) 001, when discharging, and 002.
- C. All sample analyses shall be performed using EPA Method 1668A, Revision A: Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by HRGC/HRMS (EPA-821-R-00-002, December 1999) as supplemented or amended, and results for all 209 PCB congeners shall be reported. Project-specific sample collection protocols, analytical procedures, and reporting requirements of the Delaware River Basin Commission (DRBC) shall be followed (see [www.nj.gov/drbc/quality/toxics/pcbs/monitoring.html](http://www.nj.gov/drbc/quality/toxics/pcbs/monitoring.html)). Monitoring information, sample data, and reports associated with PCB monitoring shall be submitted to DEP and DRBC in the form of two compact discs in the format referenced at [www.nj.gov/drbc/library/documents/PCB-EDD011309.pdf](http://www.nj.gov/drbc/library/documents/PCB-EDD011309.pdf).
- D. In accordance with the EPA TMDL for PCBs for the Schuylkill River, the permittee shall submit a PMP for PCBs within 12 months from the effective date of the permit. The permittee shall comply with the requirements of Section 4.30.9 of DRBC's Water Quality Regulations. Additional information regarding PMP development may be found at [www.nj.gov/drbc/programs/quality/pmp.html](http://www.nj.gov/drbc/programs/quality/pmp.html). In addition, the permittee shall:
1. Commence implementation of its PMP as submitted within 60 days of receipt of a PMP completeness determination issued by DEP.
  2. Submit an Annual Report beginning one year from the date of commencement of the PMP to DEP and DRBC consistent with the guidance at [www.nj.gov/drbc/programs/quality/pmp.html](http://www.nj.gov/drbc/programs/quality/pmp.html).

The PMP, PMP Annual Report, and PCB data shall be submitted to DEP and DRBC at the following addresses:

PA Department of Environmental Protection  
Southcentral Regional Office  
Clean Water Program  
909 Elmerton Avenue  
Harrisburg, PA 17110

Delaware River Basin Commission  
Modeling, Monitoring & Assessment Branch  
P.O. Box 7360  
West Trenton, NJ 08628

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

PRIMARY FACILITY NAME/ADDRESS

NAME Exeter Township WWTP  
 CLIENT PA American Water  
 ADDRESS 852 Wesley Drive  
Mechanicsburg, PA 17055  
 LOCATION Exeter Township  
Berks County  
 WATERSHED 3-C

**PA0026972**  
 PERMIT NUMBER

**001**  
 OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: November 1, 2019  
 DMR Effective To: October 31, 2024  
 Permit Expires: October 31, 2024  
 Permit Application Due: May 4, 2024

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY

\_\_\_ Check Here if No Discharge

NOTE: Read Instructions before completing this form

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	UNITS			
Flow	MEASUREMENT							
	PERMIT REQUIREMENT	Report Avg Mo	Report Daily Max	XXX	MGD	XXX	XXX	Measured
pH	MEASUREMENT							
	PERMIT REQUIREMENT	XXX	XXX	6.0	Inst Min	XXX	S.U.	Grab
Dissolved Oxygen	MEASUREMENT							
	PERMIT REQUIREMENT	XXX	XXX	5.0	Inst Min	XXX	mg/L	Grab
Total Residual Chlorine (TRC)	MEASUREMENT							
	PERMIT REQUIREMENT	XXX	XXX	0.40	Avg Mo	XXX	mg/L	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5)	MEASUREMENT							
	PERMIT REQUIREMENT	203 Avg Mo	305 Wkly Avg	XXX	lbs/day	XXX	mg/L	24-Hr Composite
Biochemical Oxygen Demand (BOD5) Raw Sewage Influent	MEASUREMENT							
	PERMIT REQUIREMENT	Report Avg Mo	Report Daily Max	XXX	lbs/day	XXX	mg/L	24-Hr Composite

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE	DATE
TYPED OR PRINTED	AREA CODE	YEAR
COMMENTS (Report all violations on the "Non-Compliance Reporting Form")	NUMBER	MO
	DAY	

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

PRIMARY FACILITY NAME/ADDRESS

NAME Exeter Township WWTP  
 CLIENT PA American Water  
 ADDRESS 852 Wesley Drive  
 Mechanicsburg, PA 17055  
 LOCATION Exeter Township  
 Berks County  
 WATERSHED 3-C

PA0026972  
 PERMIT NUMBER

001  
 OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: November 1, 2019  
 DMR Effective To: October 31, 2024  
 Permit Expires: October 31, 2024  
 Permit Application Due: May 4, 2024

MONITORING PERIOD			
YEAR	MO	DAY	TO

Check Here if No Discharge

NOTE: Read instructions before completing this form

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	UNITS			
Total Suspended Solids	MEASUREMENT	244	Avg Mo	366	Wkly Avg			
	PERMIT REQUIREMENT	XXX	lbs/day	24.4	Avg Mo		1/week	24-Hr Composite
Total Suspended Solids Raw Sewage Influent	MEASUREMENT	Report Avg Mo		Report Daily Max				
	PERMIT REQUIREMENT	XXX	lbs/day	XXX	Report Avg Mo		1/week	24-Hr Composite
Total Dissolved Solids	MEASUREMENT	Report Avg Mo		1500.0	Avg Mo			
	PERMIT REQUIREMENT	XXX	lbs/day	XXX	Report Avg Mo		1/week	24-Hr Composite
Fecal Coliform Oct 1 - Apr 30	MEASUREMENT	XXX		2000	Geo Mean		No./100 ml	Grab
	PERMIT REQUIREMENT	XXX	lbs/day	XXX	Report Avg Mo		1/week	24-Hr Composite
Fecal Coliform May 1 - Sep 30	MEASUREMENT	XXX		200	Geo Mean		No./100 ml	Grab
	PERMIT REQUIREMENT	XXX	lbs/day	XXX	Report Avg Mo		1/week	24-Hr Composite
Nitrate-Nitrite as N	MEASUREMENT	Report Avg Mo		Report Avg Mo				
	PERMIT REQUIREMENT	XXX	lbs/day	XXX	Report Avg Mo		1/week	24-Hr Composite

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE	DATE
TYPED OR PRINTED	AREA CODE	MO
COMMENTS (Report all violations on the "Non-Compliance Reporting Form")	NUMBER	YEAR
	DAY	

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, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am not providing this information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 6804 (relating to unsworn falsification).

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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

PRIMARY FACILITY NAME/ADDRESS

NAME Exeter Township WWTP  
 CLIENT PA American Water  
 ADDRESS 852 Wesley Drive  
 Mechanicsburg, PA 17055  
 LOCATION Exeter Township  
 Berks County  
 WATERSHED 3-C

PA0026972  
 PERMIT NUMBER

001  
 OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: November 1, 2019  
 DMR Effective To: October 31, 2024  
 Permit Expires: October 31, 2024  
 Permit Application Due: May 4, 2024

Check Here if No Discharge

NOTE: Read Instructions before completing this form

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	UNITS			
Total Nitrogen	MEASUREMENT							
	PERMIT REQUIREMENT	Report Avg Mo	XXX	Report Avg Mo	XXX		1/week	Calculation
Ammonia-Nitrogen Nov 1 - Apr 30	MEASUREMENT							
	PERMIT REQUIREMENT	200 Avg Mo	XXX	20.0 Avg Mo	XXX		1/week	24-Hr Composite
Ammonia-Nitrogen May 1 - Oct 31	MEASUREMENT							
	PERMIT REQUIREMENT	71 Avg Mo	XXX	7.1 Avg Mo	XXX		1/week	24-Hr Composite
Total Kjeldahl Nitrogen	MEASUREMENT							
	PERMIT REQUIREMENT	Report Avg Mo	XXX	Report Avg Mo	XXX		1/week	24-Hr Composite
Total Phosphorus	MEASUREMENT							
	PERMIT REQUIREMENT	Report Avg Mo	XXX	Report Avg Mo	XXX		1/week	24-Hr Composite
Copper, Total	MEASUREMENT							
	PERMIT REQUIREMENT	0.53 Avg Mo	0.83 Daily Max	0.053 Avg Mo	XXX		1/week	24-Hr Composite

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE		DATE
	AREA CODE	NUMBER	YEAR MO DAY
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		
COMMENTS (Report all violations on the "Non-Compliance Reporting Form")			

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 and accurate. 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).

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

PRIMARY FACILITY NAME/ADDRESS

NAME Exeter Township WWTP  
 CLIENT PA American Water  
 ADDRESS 852 Wesley Drive  
 Mechanicsburg, PA 17055  
 LOCATION Exeter Township  
 Berks County  
 WATERSHED 3-C

PA0026972  
 PERMIT NUMBER

001  
 OUTFALL NUMBER

Reporting Frequency: Annually  
 DMR Effective From: November 1, 2019  
 DMR Effective To: October 31, 2024  
 Permit Expires: October 31, 2024  
 Permit Application Due: May 4, 2024

Check Here if No Discharge

NOTE: Read instructions before completing this form

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	UNITS				
PCBs Dry Weather Analysis	SAMPLE MEASUREMENT PERMIT REQUIREMENT	XXX	XXX	XXX	XXX	Report Daily Max		1/year	24-Hr Composite
	SAMPLE MEASUREMENT PERMIT REQUIREMENT	XXX	XXX	XXX	XXX	Report Daily Max		1/year	24-Hr Composite

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE		DATE
	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE NUMBER YEAR MO DAY
TYPED OR PRINTED			
COMMENTS (Report all violations on the "Non-Compliance Reporting Form")			



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

PRIMARY FACILITY NAME/ADDRESS

NAME: Exeter Township WWTP  
 CLIENT: PA American Water  
 ADDRESS: 852 Wesley Drive  
 LOCATION: Mechanicsburg, PA 17055  
 WATERSHED: Exeter Township  
 Berks County  
 3-C

PA0026972  
 PERMIT NUMBER

002  
 OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: November 1, 2019  
 DMR Effective To: October 31, 2024  
 Permit Expires: October 31, 2024  
 Permit Application Due: May 4, 2024

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY

\_\_\_ Check Here if No Discharge

NOTE: Read Instructions before completing this form

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	UNITS			
Flow	MEASUREMENT	Report	MGD	XXX	XXX		Continuous	Measured
	PERMIT REQUIREMENT	Avg Mo	XXX	6.0 Inst Min	9.0 IMAX		1/day	Grab
pH	MEASUREMENT	Report	XXX	XXX	XXX			
	PERMIT REQUIREMENT	XXX	XXX	5.0 Inst Min	XXX		1/day	Grab
Dissolved Oxygen	MEASUREMENT	Report	XXX	XXX	XXX			
	PERMIT REQUIREMENT	XXX	XXX	0.40 Avg Mo	1.3 IMAX		1/day	Grab
Total Residual Chlorine (TRC)	MEASUREMENT	Report	lbs/day	XXX	XXX			
	PERMIT REQUIREMENT	XXX	XXX	20.3 Avg Mo	30.5 Wkly Avg		1/week	24-Hr Composite
Carbonaceous Biochemical Oxygen Demand (CBOD5)	MEASUREMENT	Report	lbs/day	XXX	XXX			
	PERMIT REQUIREMENT	XXX	XXX	Report Avg Mo	XXX		1/week	24-Hr Composite

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE		DATE
	AREA CODE	NUMBER	YEAR MO DAY
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		

COMMENTS (Report all violations on the "Non-Compliance Reporting Form")

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to ensure 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 civil penalties for providing false or misleading information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

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

PRIMARY FACILITY NAME/ADDRESS

NAME Exeter Township WWTP  
 CLIENT PA American Water  
 ADDRESS 852 Wesley Drive  
 Mechanicsburg, PA 17055  
 LOCATION Exeter Township  
 Berks County  
 WATERSHED 3-C

PA0026972  
 PERMIT NUMBER

002  
 OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: November 1, 2019  
 DMR Effective To: October 31, 2024  
 Permit Expires: October 31, 2024  
 Permit Application Due: May 4, 2024

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY

TO

\_\_\_ Check Here if No Discharge

NOTE: Read Instructions before completing this form

PARAMETER	SAMPLE PERMIT REQUIREMENT	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	VALUE				
Total Suspended Solids	MEASUREMENT PERMIT	1201							
	REQUIREMENT	Avg Mo	lbs/day	1801	Wkly Avg	24.4	Avg Mo	36.6	mg/L
Total Suspended Solids Raw Sewage Influent	MEASUREMENT PERMIT	Report Avg Mo							
	REQUIREMENT	Daily Max	lbs/day	XXX	Report Avg Mo	XXX	Report Avg Mo	XXX	mg/L
Total Dissolved Solids	MEASUREMENT PERMIT	Report Avg Mo							
	REQUIREMENT	Avg Mo	lbs/day	XXX	Report Avg Mo	1500.0	Avg Mo	XXX	mg/L
Fecal Coliform Oct 1 - Apr 30	MEASUREMENT PERMIT	XXX							
	REQUIREMENT	XXX	XXX	2000	Geo Mean	10000	IMAX	No./100 ml	1/week
Fecal Coliform May 1 - Sep 30	MEASUREMENT PERMIT	XXX							
	REQUIREMENT	XXX	XXX	200	Geo Mean	1000	IMAX	No./100 ml	1/week
Nitrate-Nitrite as N	MEASUREMENT PERMIT	Report Avg Mo							
	REQUIREMENT	Report Avg Mo	lbs/day	XXX	Report Avg Mo	XXX	Report Avg Mo	XXX	mg/L

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE	DATE
TYPED OR PRINTED	AREA CODE	NUMBER
COMMENTS (Report all violations on the "Non-Compliance Reporting Form")	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	

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

PRIMARY FACILITY NAME/ADDRESS

NAME Exeter Township WWTP  
 CLIENT PA American Water  
 ADDRESS 852 Wesley Drive  
 Mechanicsburg, PA 17055  
 LOCATION Exeter Township  
 Berks County  
 WATERSHED 3-C

PA0028972  
 PERMIT NUMBER

002  
 OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: November 1, 2019  
 DMR Effective To: October 31, 2024  
 Permit Expires: October 31, 2024  
 Permit Application Due: May 4, 2024

\_\_\_ Check Here if No Discharge

NOTE: Read Instructions before completing this form

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	UNITS				
Total Nitrogen	MEASUREMENT								
	PERMIT REQUIREMENT	Report Avg Mo	lbs/day	XXX	Report Avg Mo	mg/L		1/week	Calculation
Ammonia-Nitrogen Nov 1 - Apr 30	MEASUREMENT	984	lbs/day	XXX	20.0 Avg Mo	mg/L		1/week	24-Hr Composite
	PERMIT REQUIREMENT	349	lbs/day	XXX	7.1 Avg Mo	mg/L		1/week	24-Hr Composite
Total Kjeldahl Nitrogen	MEASUREMENT								
	PERMIT REQUIREMENT	Report Avg Mo	lbs/day	XXX	Report Avg Mo	mg/L		1/week	24-Hr Composite
Total Phosphorus	MEASUREMENT								
	PERMIT REQUIREMENT	Report Avg Mo	lbs/day	XXX	Report Avg Mo	mg/L		1/week	24-Hr Composite
Copper, Total	MEASUREMENT	2.6	lbs/day	XXX	0.053 Avg Mo	mg/L		1/week	24-Hr Composite
	PERMIT REQUIREMENT	4.1	lbs/day	XXX	0.083 Daily Max	mg/L		1/week	24-Hr Composite

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE	DATE
TYPED OR PRINTED	AREA CODE NUMBER	YEAR MO DAY
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		
COMMENTS (Report all violations on the "Non-Compliance Reporting Form")		

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

PRIMARY FACILITY NAME/ADDRESS

NAME: Exeter Township WWTP  
 CLIENT: PA American Water  
 ADDRESS: 852 Wesley Drive  
 LOCATION: Mechanicsburg, PA 17055  
 WATERSHED: 3-C  
 Exeter Township  
 Berks County

PA0026972  
 PERMIT NUMBER

002  
 OUTFALL NUMBER

Reporting Frequency: Annually  
 DMR Effective From: November 1, 2019  
 DMR Effective To: October 31, 2024  
 Permit Expires: October 31, 2024  
 Permit Application Due: May 4, 2024

\_\_\_ Check Here if No Discharge

NOTE: Read Instructions before completing this form

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	UNITS				
PCBs Dry Weather Analysis	MEASUREMENT PERMIT REQUIREMENT	XXX	XXX	XXX	XXX	Report Daily Max		1/year	24-Hr Composite
	MEASUREMENT PERMIT REQUIREMENT	XXX	XXX	XXX	XXX	Report Daily Max		1/year	24-Hr Composite

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY

NAME/TITLE: PRINCIPAL EXECUTIVE OFFICER	TELEPHONE	DATE
TYPED OR PRINTED	AREA CODE NUMBER	YEAR MO DAY
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		
COMMENTS (Report all violations on the "Non-Compliance Reporting Form")		

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 criminal sanctions (for knowing violations). See 18 Pa. C.S. § 4804 (relating to unsworn falsification).



## INSTRUCTIONS FOR COMPLETING DISCHARGE MONITORING REPORTS (DMRs)

### General

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

- Reporting frequencies will vary depending on the monitoring frequencies listed in your permit, and are generally monthly, quarterly semi-annually and annually.
- Your reports must be received by DEP on the 28<sup>th</sup> day of the month following the end of the reporting period, unless otherwise specified in Part C of your permit.
- Your permit may require submission of DMRs to other agencies, including the U.S. Environmental Protection Agency (EPA).
- If you receive DMRs in the mail from EPA, please discontinue use of DMR Form No. 3800-FM-BCW0462 and begin using EPA's DMRs.
- DMRs will generally include pre-populated information for permittee name and address, facility location, permit number, outfall number, permit expiration date, parameter names, and permit requirements. If you identify any errors on a DMR issued by DEP, please contact the DEP regional office that issued your permit. If you identify any errors on a DMR issued by EPA, please contact DEP's Central Office at 717-787-6744. **DO NOT make changes to DMRs issued to you.**
- You may use computer-generated replicas of Form No. 3800-FM-BCW0462 or of EPA's DMR if you receive prior approval from DEP and EPA. **DEP reserves the right to instruct you to discontinue the submission of computer-generated DMRs if the permit requirements you entered on the form are inaccurate.**

### Instructions

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

**No Discharge or No Data Available**

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

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

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

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

**Calculations**

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

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

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

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

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

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

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

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

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

## Non-Detect Data

### Conventional and Toxic Parameters

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

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

### Bacteria Parameters

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

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

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

### Rounding and Precision

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

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

**Supplemental Form Inventory**

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

Check Box	Supplemental Form Name and No.
<input checked="" type="checkbox"/>	Daily Effluent Monitoring (3800-FM-BCW0435)
<input checked="" type="checkbox"/>	Influent & Process Control (3800-FM-BCW0436)
<input checked="" type="checkbox"/>	Hauled in Municipal Wastes (3800-FM-BCW0437)
<input checked="" type="checkbox"/>	Sewage Sludge/Biosolids Production and Disposal (3800-FM-BCW0438)
<input type="checkbox"/>	Chemical Additives Usage (3800-FM-BCW0439)
<input checked="" type="checkbox"/>	Non-Compliance Reporting Form (3800-FM-BCW0440)
<input type="checkbox"/>	CSO Monthly Summary Report (3800-FM-BCW0441)
<input type="checkbox"/>	CSO Detailed Report (3800-FM-BCW0442)
<input type="checkbox"/>	Groundwater Monitoring Data Report (3800-FM-BCW0443)
<input type="checkbox"/>	TMDL Annual Load Summary (3800-FM-BCW0448)
<input type="checkbox"/>	Land Application Systems (3800-FM-BCW0449)
<input checked="" type="checkbox"/>	Hauled in Residual Wastes (3800-FM-BCW0450)
<input type="checkbox"/>	Surface Water Monitoring Data Report (3800-FM-BCW0461)
<input checked="" type="checkbox"/>	Lab Accreditation Form (3800-FM-BCW0189)
<input checked="" type="checkbox"/>	Whole Effluent Toxicity Test Summary Report (3800-FM-BCW0485)
<input type="checkbox"/>	Storm Water Annual Report
<input type="checkbox"/>	Other: <span style="background-color: #cccccc; border: 1px solid black; padding: 0 20px;"> </span>



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

**SUPPLEMENTAL REPORT  
DAILY EFFLUENT MONITORING**

Facility Name: Exeter Township WWTP Birdsboro  
Municipality: Exeter Township  
Watershed: 3-C  
Laboratories: \_\_\_\_\_

Month: \_\_\_\_\_  
NPDES Permit No.: PA0026972  
Renewal application due May 4, 2024  
This permit will expire on October 31, 2024

Year: \_\_\_\_\_  
Outfall No.: 001

Day	Flow		pH		DO		TRC		CBOD5		TSS		Total Dissolved Solids		Fecal Coliform		Nitrate-Nitrite		
	Q	MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	No./100 ml	Q	mg/L	
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																			

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



### SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Exeter Township WWTP Birdsboro  
Municipality: Exeter Township County: Berks  
Watershed: 3-C  
Laboratories: \_\_\_\_\_

Month: \_\_\_\_\_  
NPDES Permit No.: PA0026972  
Renewal application due May 4, 2024  
This permit will expire on October 31, 2024

Year: \_\_\_\_\_  
Outfall No.: 001

Day	Effluent Parameters												
	Total Nitrogen		Ammonia		TKN		Total Phosphorus		Total Copper		Q		
	Q	ma/L	Q	ma/L	Q	ma/L	Q	ma/L	Q	ma/L	Q	Q	
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													

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

Facility Name: Exeter Township WWTP Birdsboro County: Berks Month: \_\_\_\_\_ Year: \_\_\_\_\_  
 Municipality: Exeter Township NPDES Permit No.: PA0026972 Outfall No.: 002  
 Watershed: 3-C Renewal application due May 4, 2024  
 Laboratories: \_\_\_\_\_ This permit will expire on October 31, 2024

Day	Flow		pH		DO		TRC		CBOD5		TSS		Total Dissolved Solids		Fecal Coliform		Nitrate-Nitrite		
	Q	MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	No./100 ml	Q	mg/L	
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																			

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

Facility Name: Exeter Township WWTP Birdsboro  
 Municipality: Exeter Township  
 Watershed: 3-C  
 Laboratories: \_\_\_\_\_

Month: \_\_\_\_\_  
 NPDES Permit No.: PA0026972  
 Renewal application due May 4, 2024  
 This permit will expire on October 31, 2024

Year: \_\_\_\_\_  
 Outfall No.: 002

Day	Total Nitrogen		Ammonia		TKN		Total Phosphorus		Total Copper		Q	
	Q	ma/L	Q	ma/L	Q	ma/L	Q	ma/L	Q	ma/L	Q	Q
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												

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



**SUPPLEMENTAL REPORT – INFLUENT & PROCESS CONTROL**

Facility Name: Exeter Township WWTP Birdsboro Month: \_\_\_\_\_ Year: \_\_\_\_\_  
 Municipality: Exeter Township County: Berks NPDES Permit No.: PA0026972  
 Watershed: 3-C Renewal application due May 4, 2024 This permit will expire on October 31, 2024

Day	Influent				Process Control			
	Flow (MGD)	BOD5 (mg/l)	BOD5 (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
Avg								
Max								

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



**SUPPLEMENTAL REPORT – HAULED IN MUNICIPAL WASTES**

Facility Name: Exeter Township WWTP Birdsboro Month: \_\_\_\_\_ Year: \_\_\_\_\_  
 Municipality: Exeter Township NPDES Permit No.: PA0028972  
 Watershed: 3-C County: Berks Renewal application due May 4, 2024 This permit will expire on October 31, 2024

Day	SEPTAGE			SLUDGE			OTHER (specify):			DAILY TOTALS				
	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														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
Avg														
													Monthly Totals:	

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





**NON-COMPLIANCE REPORTING FORM**

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

Facility Name: Exeter Township WWTP Birdsboro Month: \_\_\_\_\_ Year: \_\_\_\_\_  
 Municipality: Exeter Township County: Berks Permit No.: PA0026972

**Violations of Permit Effluent Limitations\***

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

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

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

**Other Permit Violations\***

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

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

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

Prepared By: \_\_\_\_\_ Signature: \_\_\_\_\_  
 Title: \_\_\_\_\_ Date: \_\_\_\_\_







# WHOLE EFFLUENT TOXICITY (WET) TEST SUMMARY REPORT -COVER SHEET

NPDES Permit Number: PA0026972

Facility Name: Exeter Township WWTP Birdsboro

Species Tested:  *Ceriodaphnia dubia*  *Pimphales promelas* Test Type:  Chronic  Acute

Re-Test?  Yes  No (If Yes, indicate the date of original test completion: \_\_\_\_\_)

SAMPLE INFORMATION						
	Date/Time	Sample Source	Temperature	Holding Time	Chlorine	Dechlorinated?
1.	_____	_____	_____ °C	_____	_____ mg/L	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.	_____	_____	_____ °C	_____	_____ mg/L	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	_____	_____	_____ °C	_____	_____ mg/L	<input type="checkbox"/> Yes <input type="checkbox"/> No

TEST CONDITIONS	
Date/Time of Test Initiation:	Date/Time of Test Termination:
<input type="checkbox"/> Renewal Test <input type="checkbox"/> Non-Renewal Test	Frequency of Renewals:
Dilution Series:	Target Instream Waste Concentration (TIWC):
Age of Organisms at Start of Tests:	Number of Organisms per Replicate:
Number of Replicates:	Feeding Regimen:
Source of Organisms:	Photoperiod:
Light Intensity:	Temperature measurements made at least once per 24-hour period? <input type="checkbox"/> Yes <input type="checkbox"/> No (attach log sheet)
DO measured daily in at least one replicate of each concentration? <input type="checkbox"/> Yes <input type="checkbox"/> No (attach log sheet)	Were the test chambers aerated? <input type="checkbox"/> Yes <input type="checkbox"/> No Rate:
pH measured daily in at least one replicate of each concentration? <input type="checkbox"/> Yes <input type="checkbox"/> No (attach log sheet)	Were test acceptability criteria in the EPA method met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Were test acceptability criteria in the EPA method met? <input type="checkbox"/> Yes <input type="checkbox"/> No	Were there any modifications to or deviations from EPA methods (if Yes, explain on separate sheet)? <input type="checkbox"/> Yes <input type="checkbox"/> No

DILUTION / REAGENT WATER	
Date of Last Test for Chemistry:	Conductivity: _____ µmhos/cm
pH:	Chlorine: _____ mg/L

CONTROL RESULTS	
<b><i>Ceriodaphnia dubia</i></b>	<b><i>Pimphales promelas</i></b>
Survival:	Survival:
Percent that produced 3 broods (if applicable):	Mean Dry Weight of Survivors (if applicable):
%	
Young per Surviving Female (if applicable):	

REFERENCE TOXICITY TESTS	
Date of most recent test:	Same conditions as test? <input type="checkbox"/> Yes <input type="checkbox"/> No
Were test acceptability criteria in the EPA method met? <input type="checkbox"/> Yes <input type="checkbox"/> No	

TEST RESULTS	
Control compared to: <input type="checkbox"/> TIWC Dilution <input type="checkbox"/> Other:	
Survival: <input type="checkbox"/> Pass <input type="checkbox"/> Fail	Growth: <input type="checkbox"/> Pass <input type="checkbox"/> Fail
	Reproduction: <input type="checkbox"/> Pass <input type="checkbox"/> Fail

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of the individuals personally responsible for obtaining the information, I believe the attached information is true, accurate and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine or imprisonment as provided by 18 Pa. C.S. §4904.

\_\_\_\_\_  
Name of Laboratory Manager                      Signature of Laboratory Manager                      Date                      DEP Lab ID No.

# WHOLE EFFLUENT TOXICITY (WET) TEST SUMMARY REPORT DATA SHEET

NPDES Permit Number: PA0026972

Facility Name: Exeter Twp. WWTP Birdsboro

Species:  *Ceriodaphnia dubia*  Other \_\_\_\_\_  
Original Number of Organisms Per Replicate:

Pass/Fail Determined Using:  TST  
 Other Hypothesis Test  Other \_\_\_\_\_

Rep. No.	Survival					Reproduction						
	Control	%	%	%	%	Control	%	%	%	%	%	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												

Species:  *Pimephales promelas*  Other \_\_\_\_\_  
Original Number of Organisms Per Replicate:

Pass/Fail Determined Using:  TST  
 Other Hypothesis Test  Other \_\_\_\_\_

Rep. No.	Survival					Growth						
	Control	%	%	%	%	Control	%	%	%	%	%	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												

## INSTRUCTIONS FOR COMPLETING DMR SUPPLEMENTAL REPORTS

### DAILY EFFLUENT MONITORING REPORT

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

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

### INFLUENT AND PROCESS CONTROL REPORT

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

### HAULED IN MUNICIPAL WASTES REPORT

This form is intended for documenting the receipt of municipal wastes including sewage sludge, septage and other municipal wastewaters hauled in from other facilities for processing and/or disposal at your facility. This form should not be used for reporting receipt of residual wastes (e.g., food processing wastes, oil and gas wastewater, landfill leachate, etc.) - please use Form 3800-FM-BCW0450 for reporting this information.

## INSTRUCTIONS FOR COMPLETING DMR SUPPLEMENTAL REPORTS

1. Enter Facility Name, Municipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
2. For septage, biosolids and other wastewaters (specify type in the space provided), record the daily volume received in gallons, the daily BOD<sub>5</sub> concentration (average), the daily BOD<sub>5</sub> load in lbs (average), and the disposal location. For disposal location, specify the plant location or tank receiving hauled in wastes (e.g., headworks, primarily clarifier, digester, etc.).
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. Calculate the average, daily total and monthly total values and report the values in the spaces provided.
5. Type the name of the person who prepared the form, the person's job title, and sign and date the form after reading the certification statement.

### BIOSOLIDS PRODUCTION AND DISPOSAL FORM

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

#### Biosolids Production Information

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

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

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

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

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

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

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

3. Report sewage sludge, biosolids, and ash disposal and beneficial use information by disposal/application site. There are columns for four possible sites per month - if more sites are needed, attach additional pages. For each Site Name, listed at the top of the column, enter the Municipality and County of the site, the DEP Permit No. (i.e., Biosolids

## INSTRUCTIONS FOR COMPLETING DMR SUPPLEMENTAL REPORTS

permit number for land application, landfill waste management permit number, etc.), Type of Material (sewage sludge, biosolids, or incinerator ash), Dry Tons Applied/Disposed at the site for the month, Type of Disposal/Use (e.g., reed beds, agricultural utilization, composting, landfill, other treatment plant, etc.) and the name of the hauler (company or individual name).

4. Type the name of the person who prepared the form, the person's job title, and sign and date the form after reading the certification statement.

### NON-COMPLIANCE REPORTING FORM

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

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

#### Instructions:

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



## INSTRUCTIONS FOR COMPLETING DMR SUPPLEMENTAL REPORTS

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

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

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

### HAULED IN RESIDUAL WASTES REPORT

Use this form to document receipt of residual wastes at your treatment facility (e.g., food processing waste, landfill leachate, oil and gas wastewaters). Municipal wastes such as sewage sludge and septage should be documented on the Hauled in Municipal Wastes Supplemental Report (3800-FM-BCW0437).

1. Enter Facility Name, Municipality, County, Watershed No., Month, Year, NPDES Permit No., and Permit Expiration Date.
2. Enter the date for each day in which the facility receives residual wastes. If wastewater is received from more than one generator on the same day, repeat the date in a separate row.
3. Report the total volume received each day from each generator (source), in whole gallons.
4. Report the license plate number of the vehicle hauling the wastewater to the treatment facility. If more than one vehicle is used by a generator, report the date and total volume hauled by each vehicle daily (use separate rows as necessary).
5. For oil and gas wastewaters, enter the permit number of the well from which the wastewater was generated. For other wastewaters, this column may remain blank.
6. Report the source of each load of residual waste, including the generator name, address, and state. For oil and gas wastewaters, report the location of the well(s) generating the wastewater.
7. Enter Wastewater Type, typically frac water, drilling fluids or production water for oil and gas wastewaters, or other types such as food processing waste or leachate.
8. If the wastewater has been analyzed and reported on a Residual Waste Form 26R, or a separate waste characterization using the parameters from Form 26R, enter "Yes" under the column "Chemical Analysis", otherwise enter "No".
9. Type the name of the person who prepared the form, the person's job title, and sign and date the form after reading the certification statement.

### WHOLE EFFLUENT TOXICITY (WET) TEST SUMMARY REPORT

The Whole Effluent Toxicity (WET) Test Summary Report should be completed and submitted to the DEP regional office that issued the NPDES permit as part of the WET test report for each valid test. Submission of the complete WET Test Summary Report may be a requirement of the NPDES permit.

### COVER SHEET

A separate cover sheet should be used for each species tested. Identify the NPDES permit number and the name of the facility for which WET tests were completed. Check the appropriate boxes for the Species Tested and the Test Type. Check the "Yes" box to indicate if the test is a "Re-Test" and enter the date of the original test; if the test is not a Re-Test, check the "No" box.

### *Sample Information*

## INSTRUCTIONS FOR COMPLETING DMR SUPPLEMENTAL REPORTS

In general, three samples should be collected for chronic tests and one sample for acute tests. For each sample collected provide the following information:

- Date and time the sample was taken;
- Sample source (i.e., outfall number);
- Temperature of the sample in degrees Celsius;
- Holding time before the sample was used for a test, in hours;
- Chlorine concentration of the sample in mg/L; and
- Whether or not the sample was dechlorinated prior to use in the test (Yes/No).

### ***Test Conditions***

- Provide the date and time of test initiation and termination.
- Check the appropriate box to indicate whether the test was renewal or non-renewal. If a renewal test, provide the frequency of renewals.
- Provide the dilution series (5 dilutions, not including control) used for the test and the Target Instream Waste Concentration (TIWC). The TIWC concentration may be specified in the NPDES permit. The TIWC dilution is used to determine whether a test is considered "pass" or "failure."
- Indicate the age of the organisms, in hours, at the start of the test.
- List the number replicates of each dilution and the number of organisms in each replicate.
- Provide the source of the organisms and the feeding regimen. Feeding regimen should include type of food and frequency of feeding.
- Provide the light intensity throughout the test and the photoperiod.
- Check the appropriate box for each Yes/No each quality assurance question and attach log sheets for temperature, DO, and pH. If modifications or deviations were made to approved EPA methods, attach a sheet explaining the changes and the agency that approved such changes.

### ***Dilution/Reagent Water***

In accordance with 25 Pa. Code § 252.403(h), at least once every 30 days a laboratory must verify and document that the reagent grade water meets specific criteria for conductivity, pH and Total Residual Chlorine (TRC). Provide the following information about the dilution water used for the test:

- The date of the most recent test for chemistry;
- Conductivity in  $\mu\text{mhos/cm}$ ;
- pH in SU; and
- TRC in mg/L.

### ***Control Results***

Provide the following information about the results in the control condition:

*For chronic tests:*

- The mean percent survival of the organisms in each dilution.
- For Ceriodaphnia, the percent of organisms that produced 3 broods and the mean young per surviving female. For Pimephales, the mean dry weight of the survivors.

*For acute tests:* the mean percent survival of the organisms in each dilution.

### ***Reference Toxicity Tests***

Provide the date of the most recent reference toxicity test.

## INSTRUCTIONS FOR COMPLETING DMR SUPPLEMENTAL REPORTS

Check the appropriate box to indicate whether the same test conditions were used for the reference test as the WET test, and if the test acceptability criteria in the EPA method were met.

### **Tests Results**

Indicate if the control was compared to the TIWC listed in the permit to determine if each test endpoint was considered a "pass" or "failure." If a dilution other than the TIWC dilution was used, check the box for "Other" and indicate the dilution (% effluent).

For the species tested, check the appropriate box(es) to indicate whether each applicable endpoint result is considered a "pass" or "failure."

**NOTE** – If required by the NPDES permit, DEP's WET Analysis Spreadsheet (see [www.depweb.state.pa.us/wett](http://www.depweb.state.pa.us/wett)) must be used to determine pass/failure results, and a printout of the spreadsheet results must be attached to the WET report submission to DEP.

### DATA SHEET

The purpose of the Data Sheet is for laboratories accredited by DEP to conduct WET testing to provide DEP with a standardized form to report results for test replicates. If a printout of DEP's WET Analysis Spreadsheet is attached to the report, submission of the Data Sheet is optional. For each species and endpoint, six conditions (columns) are available to enter replicate data. One column should record replicate data for the control condition, and the other five columns should record replicate data for each dilution used in the test.

The tables provide up to 15 replicates per species ("Rep. No."). If the Data Sheet is completed, enter the NPDES permit number and name of the facility and complete the remainder of the form as follows:

- Check the box for the appropriate species tested; if a species other than Ceriodaphnia/Pimephales was tested, indicate the species name.
- List the number of organisms in each replicate at the start of the test.
- Indicate the method by which the pass/failure determination was made for the test by checking the box for TST (Test for Significant Toxicity), Other Hypothesis Testing (e.g., NOEC, LC50, etc.) or Other (specify the method if Other).
- In each table header, record the value of the dilution series used.
- In the survival columns of each table, list the number of organisms still alive in each replicate at the termination of the test.
- In the reproduction columns, list the number of young in each replicate at the termination of the test.
- In the growth columns, list the mean weight per original organism in each replicate at the termination of the test.