

## 1.1 INTRODUCTION

The Pennsylvania Sewage Facilities Act (ACT 537) requires that every municipality within the Commonwealth develop and maintain an up-to-date sewage facilities plan. The Municipal Authority of the Township of Westfall (MATW), Milford Borough, Milford Township, Matamoras Borough, Westfall Township, Milford Water Authority (MWA), and Matamoras Municipal Authority (MMA) Pike County, Pennsylvania, authorized the preparation of this report to serve as Westfall's Township Official Sewage Facilities Plan. The study area for this Act 537 Special Study (Study) includes the Northeast Branch and Southwest Branch within Westfall Township, Milford Township East, Milford Township West, Matamoras Borough, and Milford Borough. This will become the Act 537 Plan for these municipalities within the study areas.

At the time the Plan was completed, there were approximately 2,115 residences within this study area which utilize On-Lot Disposal Systems (OLDS). The MATW has one (1) sewerage system which includes collection and conveyance facilities within Westfall Township and a wastewater treatment plant (WWTP) with an existing rated capacity of 0.374 million gallons per day (MGD). There are several options that can be seen in this document which examine alternatives, in both constructing and repairing sewage facilities, for the WWTP to accommodate the sewage flows from the planning areas.

This plan is being implemented for the purposes of formally submitting The Act 537 Plan Update and has been prepared in accordance with the Pennsylvania Department of Environmental Protection (DEP) *"Pennsylvania Sewage Facilities Act: A Guide for Preparing Act 537 Update Revisions"* and *"Act 537 Sewage Disposal Needs Identification."* Prior to the preparation of this Act 537 Plan, a Task/Activity Report (TAR) was submitted and deemed acceptable by DEP via email on March 26, 2021.

## 1.2 PREVIOUS WASTEWATER PLANNING

No regional Act 537 Plans have been developed prior to this plan.

The original Act 537 Sewage Facilities Plan for Matamoras Borough was adopted in 1977. In 1987, the plan was updated and recommended that the Borough of Matamoras continue to rely on OLDS to meet the sewer disposal needs of the Borough. It concluded that since the soil conditions were favorable and there was limited projected population growth, the use of OLDS with increased regulation and improvements was the best course of action for at least the next 5 years.

The Act 537 Sewage Facilities Plan for Milford Township was first administered in 1970, and ultimately concluded that no new sewage treatment system was needed at the time. When Tocks Island Recreational Area was being developed, there was a need for additional planning for a combined system with adjacent municipalities which was conducted by the Delaware River Basin Commission. The report was revised in 1978 and had no significant change in the overall disposal situation in Milford Township.

The original Act 537 Sewage Facilities Plan for Milford Borough was adopted in 1976. Two major alternatives were proposed. One was to make no changes and continue to use OLDS, and the other was to plan and implement a communal sewage system. In 1987, a revised document was prepared, and it recommended that the Borough continue with OLDS for the foreseeable future.

An Act 537 Sewage Facilities Plan was adopted by Westfall Township (Township) in 2000 and was approved by the Pennsylvania Department of Environmental Protection (PADEP) in May 2001. An Act 537 Special Study was adopted by Westfall Township in 2006 and approved by PADEP on April 27, 2006. The 2006 Special Study addressed the future sewage requirements of the Township, however the 2006 Special Study did not fully address the requirements of the Delaware River Basin Commission (DRBC). A TAR was submitted in November 2007 and was approved by PADEP on July 25, 2008 in the amount of \$148,000 for a Special Study to address the DRBC requirements. During the preparation of the Special Study to address the DRBC requirements, the Township decided not to move forward with further planning due to unresolved legal issues and bankruptcy filing.

From 2009 to 2011 several iterations of planning efforts evaluating the WWTP and sewage facility capacities were conducted with the last planning effort occurring in 2012. MATW prepared and submitted a Special Study to PADEP in June 2012 for altering the WWTP capacity from 0.300 MGD to 0.374 MGD. Phasing Expansion was no longer necessary as Matamoras Borough elected to not connect into the MATW's sewer system, reducing the sewer capacity needs; a re-rate of the WWTP provided adequate capacity for the collection system. The latest Special Study was approved by PADEP in 2012.

### **1.2.2 Pennsylvania Municipalities Planning Code Documents**

Westfall Township, Milford Township East, Milford Township West, Matamoras Borough, and Milford Borough have adopted, or recognized, the following documents pursuant to the Pennsylvania Municipalities Planning Code (Act 247). Several of these items are addressed in detail within Chapter 4 of this Plan. Relevant Westfall Township Ordinances are included in this Plan as Appendix B.

1. Matamoras Borough - Westfall Township Comprehensive Plan
  - a. Matamoras Borough and Westfall Township developed the Matamoras Borough - Westfall Township Comprehensive Plan in February 2011. This Plan serves as the foundation for establishing the future sewer planning needs of the Township and MATW service areas.
  - b. MATW was preparing a Regional 537 Plan update which would expand the service area to include regional growth and evaluate alternatives for treatment.
2. Pike County Comprehensive Plan
  - a. The Pike County Comprehensive Plan was updated in 2006 to set Countywide planning goals and priorities, develop partnerships, and enhance the quality of life for the residents of the County.
  - b. The Plan promoted identifying sewage disposal needs and solutions, and encouraging [PADEP] to permit the use of alternatives.
  - c. Projected upgrades to the MATW wastewater system were designed and constructed to comply with current Permit Limits and are consistent with County Planning efforts, in an effort to provide continued, reliable sewer service and treatment to the area's residents.
3. Milford Borough/ Milford Township Comprehensive Plan

- a. The Milford Borough/ Milford Township Comprehensive Plan was completed in 2006 to update changes in both municipalities from the previous comprehensive plans.
  - b. The Plan identified central sewage as an action item to investigate in the future for the commercial district of Milford Township along Route 6/209 and portions of Milford Borough.
4. Westfall Township Ordinance No. 132 (09/11/2007)
  - a. Authorizing and approving an agreement between Westfall Township and the Borough of Matamoras pertaining to inter-governmental cooperation for the purpose of Multi Municipal Comprehensive Planning.
5. Westfall Township Ordinance No. 31A (05/03/1976)
  - a. Establishing that all persons installing an individual or community sewage disposal system shall first obtain a permit which certifies that site, plan, and specifications of such systems are in compliance with the PA Sewage Facilities Act of 1966 and Act 208 of 1974.
6. Westfall Township Ordinance No. 71 (12/05/1989)
  - a. Amending Westfall Township Ordinance No. 31-A to require all Septic Permit applications the following on FIRM Maps:
    - i. Section IV. Engineering – 1 – Sections A through E.
7. Westfall Township Ordinance No. 81 (02/04/1992)
  - a. Regulating the transportation, storage and recycling of sludge and septage within the Township of Westfall, providing for the testing thereof to determine its suitability for disposal and/or processing at facilities within said Township, requiring the proper disposal thereof and establishing procedures therefor, establishing methods of enforcement of the provisions hereof and fines and penalties for violations."
8. Westfall Township Ordinance No. 89 (05/28/1997)
  - a. Establishing The Municipal Authority of the Township of Westfall (MATW)
9. Westfall Township Ordinance No. 93 (08/26/1998)
  - a. Requiring a zoning permit is required in all districts for any activity which will substantially remove timber, vegetation and/or growth from any lot, parcel onsite greater than one (1) acre in area as a separate activity.
10. Westfall Township Ordinance No. 107 (05/07/2002)
  - a. Establishing the agreement between Westfall Township and The Municipal Authority of Westfall Township whereby the Authority covenants to acquire, construct and operate a complete sanitary sewage collection and treatment system.
11. Westfall Township Ordinance No. 108 (05/07/2002)
  - a. Granting to The Municipal Authority of the Township of Westfall certain rights and privileges in, along, over and under streets, roads, lines, courts, cul-de-sacs, alleys, public squares and other properties of this township for use in connection with said authority's sewer system; and providing for regulating the manner in which such rights and privileges shall be exercised

12. Westfall Township Ordinance No. 109 (05/07/2002)
  - a. The owner of any improved property located in this Township and adjoining and adjacent to the Sewer System, shall connect such Improved Property to the Sewer System within sixty (60) days.
  - b. All costs and expenses of construction of a Building Sewer and all costs and expenses of connection of a Building Sewer to a Sewer shall be borne by the Owner of the Improved Property to be connected.
13. Westfall Township Ordinance No. 147 (12/04/2008)
  - a. Amending Ordinance No. 31-A providing the installation of temporary holding tank by establishing procedures for issuing permit applications, and permits, and setting fees for permit applications.
14. Westfall Township Ordinance No. 153(10/05/2010)
  - a. A permit must be secured for any person to open or to make any excavation of any kind in any of the streets in the Township of Westfall.
15. Matamoras Borough SALDO
  - a. On-site systems shall be provided in accordance with criteria set forth by the Pennsylvania Department of Environmental Resources, now the DEP.
  - b. The Borough Sewage Enforcement Officer (SEO) 's site and soils evaluation by the test pit method and favorable report is required prior to preliminary plan approval.
16. Matamoras Borough Zoning Ordinance Chapter 124 (September, 2008)
  - a. This chapter updated the Matamoras Borough Zoning Ordinance of 1982, but does not repeal or affect any other ordinance, code or regulation.
  - b. Chapter is in accord with overall land use control program and with consideration for character of municipality, its various parts, and the suitability of the land for various uses.
  - c. For all non-residential sewage disposal, all uses and expansion of uses shall be provided with adequate sewage disposal facilities in accordance with PADEP and Borough standards
  - d. In general, all sewage disposal systems must be approved by DEP
17. Milford Borough Subdivision and Land Development Ordinance (06/05/2000)
  - a. Any land being proposed for development must have a completed sewage module that was approved from the Borough SEO.
18. Milford Borough Zoning Ordinance Chapter 312 (2/4/2008)
  - a. This chapter was adopted in accord with the Borough Comprehensive Plan and an overall land used management program and with consideration for character of Borough, its various parts, and the suitability of the various parts for particular uses and structures.
  - b. New replacement sewer facilities and systems shall be located, designed, and constructed to minimize or eliminate flood damages and infiltration of floodwaters.
  - c. Sewage disposal must be adequate for needs and meet requirements of Borough and PA DEP.
19. Milford Township Subdivision and Land Development Ordinance (11/02/1957)

## a. Article VI, Section 607 – Water Supply and Sewage Disposal

## 20. Milford Township Zoning Ordinance (06/05/2017)

- a. This Ordinance is intended to promote, protect and facilitate the public health, safety, morals, general welfare; reliable, safe and adequate water supplies; and sewerage, schools, public grounds and other public requirements.

**1.2.3 Previous Subdivision, Sewerage Planning and Planning Exemptions**

The following is a list of sewage planning modules filed with the Department of Environmental Protection within the previous 21 years. A listing of the approved sewage planning modules is as follows:

**Table 1-1 Subdivision, Sewerage Planning, and Planning Exemptions Listing**

<b>Owner/Subdivision/Project</b>	<b>Planning Date</b>	<b>Sewage Planning No.</b>
BELE REVE HEALTH CARE FACILITY	12/6/2000	2-52908015-2
PIKE COUNTY COURTHOUSE	6/6/2016	2-52908017-2
BARBONE & TRIMINGHAM SUBDIVISION	7/24/2006	2-52909086-1
BIONDO SUBDIVISION	9/24/2008	2-52909092-2
BLACK WALNUT INN DEVELOPMENT	12/22/2006	Not Listed by DEP
BODIES IN BALANCE SUBDIVISION	11/7/2003	252909082-2
KOCH SUBDIVISION	10/29/2010	2-52909096-1
LANDS OF DVSD	7/15/2016	2-52909099-2
MILFORD EQUITIES	2/2/2009	2-52909089-2
MILFORD HIGHLANDS	4/28/2006	2-52909083-2
SANTOS RIVER LANDS	1/15/2009	2-52909093-1
BARNETT SUBDIVISION	3/20/2007	Not Listed on DEP
BOSTON COURT SUBDIVISION	3/24/2006	2-52913112-2
CALESTINI SUBDIVISION	7/20/2007	Not Listed on DEP
CLEVELAND SUBDIVISION	12/2/2004	2-52913108-1
DELAWARE VALLEY MID HIGH SCHOOL	11/12/1997	2-52913-091-3
DELAWARE VALLEY SCHOOL	4/17/2000	2-52913098-3
EMANUAL SUBDIVISION	12/1/2006	Not Listed on DEP
GRIMILA SUBDIVISION	11/29/2005	2-52913114-1
HERITAGE POINTE SR APTS	6/19/2000	2-52913-096-3
HOME DEPOT USA	1/17/2002	2-52913100-3
HUNT & HUNT CARWASH	5/15/2000	2-52913099-3

<b>Owner/Subdivision/Project</b>	<b>Planning Date</b>	<b>Sewage Planning No.</b>
HUNT & HUNT DEVELOPMENT	9/2/1999	2-52913-094-3
HUNT LAND DEVELOPMENT	4/5/2004	2-52913105-3
KILLMER SUBDIVISION	7/31/2013	2-52913131-2
MACDONALD SUBDIVISION	12/5/2001	2-52913102-1
MATAMORAS MUNI AUTH WATER SYSTEM	6/6/2011	2520044
OELLERICH SUBDIVISION	8/24/1999	Not Listed on DEP
PAWC MILFORD LANDING	9/18/2007	2520085
PINE HILL FARM SUBDIVISION	9/11/2007	Not Listed on DEP
PINE HILL FARMS	11/24/2009	2-52913115-2
POLATNICK SUBDIVISION	12/8/2008	2-52913128-1
PREVOST SUBDIVISION	1/18/2000	2-52913-095-2
REHG SUBDIVISION	12/7/2001	2-52913103-1
RIVERS EDGE DEVELOPMENT	4/2/2007	Not Listed on DEP
ROSADO SUBDIVISION	2/25/2008	2-52913126-1
ROSE LANE	12/5/2011	2-52913130-3M
SHAY SUBDIVISION	6/23/2010	2-52913129-2
STEWART SUBDIV GARY J. WILLIAMS	8/16/2017	2-53913134-1
SYLVAN RIDGE FARM WILL WHITEHEAD	2/21/2018	2-52913135-2
TREACY SUBDIVISION	10/31/2006	2-52913111-2
WESTFALL TWP MUNI AUTH MOUNTAIN AVE SEW EXTENSION	8/22/2006	5206403
YANICK	6/15/2009	2-52913125-3S