

**BOROUGH OF  
MENDHAM**  
MORRIS COUNTY, NEW JERSEY

**ORDINANCE #06-2025**

**ORDINANCE OF THE BOROUGH OF MENDHAM, COUNTY OF  
MORRIS, STATE OF NEW JERSEY, AMENDING CHAPTER 168,  
SEWERAGE SYSTEM, OF THE BOROUGH CODE, TO MODIFY  
CERTAIN LANGUAGE REGARDING NEW CONNECTIONS**

**WHEREAS**, the Borough of Mendham's Sewer System Engineer has recommended certain changes to the Borough Code regarding new connections to the sewer system; and

**WHEREAS**, the Mayor and Council wish to adopt the Engineer's recommendations and revise the Borough Code; and

**WHEREAS**, the Public Works and Utilities Committee has reviewed and recommended the code to be revised; and

**NOW, THEREFORE, BE IT ORDAINED** by the Mayor and Council of the Borough of Mendham, County of Morris, State of New Jersey, as follows:

**SECTION 1.** Chapter 168, Sewerage System, Article II, entitled "Service Connections, Building Sewers or Laterals" is hereby amended to be entitled, "Service Connections, Building Pump Stations, Sewer or Laterals."

**SECTION 2.** Chapter 168, Sewerage System, Article II, Service Connections, Building Pump Stations, Sewer or Laterals, § 168-18 (Reserved), is hereby amended to read as follows:

**§ 168-18 Pump Station Requirements.**

A. Detailed Plans for Sewage Pumping Stations. As set forth herein, it is the Borough's policy not to permit pumping stations except in very limited circumstances, and only with the approval of the Superintendent and the Borough Council. If the applicant gains approval of a sewer extension in compliance with 168-47 and considers a pumping station to be necessary, the applicant shall develop an alternate plan to demonstrate how the property can be sewerred by gravity, a cost estimate, and summary narrative of why the project cannot be served by a gravity sewer (i.e. slopes, environmental permitting). An applicant should request an informal concept plan review prior to submitting development plans which include a pumping station. Upon acceptance of the concept the applicant shall make a formal connection application submittal to the Superintendent incorporating details of the proposed pump station. Additional pump station and force main design standards and data required to be submitted to the Superintendent are as follows:

(1) The applicant shall provide a pump design report, signed and sealed by a

**BOROUGH OF  
MENDHAM**  
MORRIS COUNTY, NEW JERSEY

**ORDINANCE #06-2025**

NJ Licensed Professional engineer, in accordance with NJDEP Regulations NJAC 7:14A-23.10, including, but not limited to, the following:

- (a) Average and peak flow
- (b) Potential future flow
- (c) Force main sizing
- (d) Static head, friction head, and Total Dynamic Head
- (e) System head curve
- (f) Pump selection
- (g) Wet well sizing
- (h) Cycle time
- (i) Proposed on/off levels and alarm settings
- (j) Anti-flotation calculations
- (k) Structural calculations for all structures
- (l) Odor control design

- (2) The applicant shall provide plans and specifications with the mechanical, electrical, site-civil and structural details, signed and sealed by a NJ Licensed Professional engineer, in accordance with NJDEP TWA Regulations and those identified herein, for review and approval by the Superintendent or his duly authorized designee. The plans for the pumping station shall include a general site plan showing boundaries, contours, proposed pumping stations, underground piping and underground or overhead wires. The plans shall show the general arrangement of mechanical and electrical equipment, piping, valves, fittings, etc. within the various structures.

B. Pumping Station Design Requirements. Pump station and force main design standards, beyond those defined in the NJDEP Treatment Works Approval regulations, covered in NJAC 7:14A-23, are as follows:

- (1) Mechanical
  - (a) Pumps may be dry pit or submersible. For pumps that are not grinder pumps, the pumps shall be non-clog solids handling pumps capable of passing a 3-inch (3") solid. For dry pit pump stations, the pumps shall be of the dry pit submersible type.
  - (b) Pressure gauge on pump discharge must be provided.
  - (c) A flow meter or methodology to totalize/calculate wastewater flows, acceptable to the Superintendent, must be provided.

**BOROUGH OF  
MENDHAM**  
MORRIS COUNTY, NEW JERSEY

**ORDINANCE #06-2025**

- (d) Grinder type pumps shall be provided or a grinder/comminutor.
  - (e) Emergency bypass connection to bypass the station in the event of an emergency.
- (2) Electrical
- (a) An emergency Generator shall be provided and be self-contained in its own weather and sound-proof enclosure.
  - (b) Generator shall have a "residential" grade muffler and include exercise timer, and incoming voltmeter/ammeter. The generator shall be designed with all necessary appurtenances to meet federal, state county and local regulatory agency requirements, ordinances and standards associated with emissions. The generator shall include an automatic transfer switch and shall conform to all federal, state, county and local regulatory agency requirements, and standards for noise, as measured at the pump station property line with the generator operating. Generator shall be sized to operate two pumps simultaneously and to start one pump while the other is running.
- (3) Site
- (a) Pump station property shall be surrounded with 8-foot high chain link fence, unless an alternative fencing is specifically approved.
  - (b) Access drive shall be sized for jet truck entry.
- (4) Force Mains
- (a) Pipe 4-inches and larger shall be ductile iron pipe (DIP), minimum pressure class 200 or minimum thickness Class 50 for special thickness class pipe. Pipe less than 4-inches in diameter shall be SDR-21 PVC pressure pipe. Pipe shall have a minimum cover of three (3') feet. PVC force mains shall be installed with warning tape and a trace wire system, as approved by the Superintendent or his duly authorized designee.
  - (b) Air release or combination air release/vacuum relief valves shall be provided at highpoints.

**BOROUGH OF  
MENDHAM**  
MORRIS COUNTY, NEW JERSEY

**ORDINANCE #06-2025**

- (c) Cleanout manholes shall be provided at low points.
  - (d) Force main entrance into the discharge manhole shall be of watertight construction and the force main shall be suitably directed into the receiving manhole channel by utilizing elbows and rebuilding the manhole channel as may be required to produce a smooth flow transition and minimize turbulence.
- C. Pumping Station Condition of Approval. As a condition of approval of a proposed connection to the Borough's collection system, the Borough shall require an agreement with the applicant, or, if different, with each individual property owner for whom the applicant proposes to install an individual sewage pump or pump station and any associated force mains or low-pressure laterals to assure the proper short- and long-term operation and maintenance, use, service, repair or replacement of such systems. Such agreement shall be in a form approved by the Borough attorney and shall be filed and recorded with the County of Morris. Such agreement shall include the following terms:
  - (1) The property owner shall provide adequate documentation that full-service capacity is available locally on short notice in case of malfunction.
  - (2) The property owner shall obtain and maintain, at the property owner's sole expense, a maintenance contract with an authorized Maintenance Contractor (hereinafter the "Maintenance Contractor"). The Maintenance Contractor shall be a private independent contractor who has been given special training by the original equipment manufacturer and is authorized by the manufacturer to service the equipment. Such maintenance contract shall require that after the first month of operation of the individual sewage pump system, and annually thereafter, or more frequently if the manufacturer of any component parts recommends more frequent servicing, the Maintenance Contractor shall inspect the system and provide the property owner with copies of a report signed by the Maintenance Contractor certifying that the system is operating in accordance with the Borough's requirements, as well as any applicable requirements or permits of any other agency. The inspection and maintenance program will include at a minimum the manufacturer's recommended services and inspections for each separate component of the System. The property owner shall provide a copy of the most recent signed report within seven days of written request by the Borough.
  - (3) The property owner shall indemnify and save harmless the Borough, its officers, agents, servants and employees and each and every one of them

**BOROUGH OF  
MENDHAM**  
MORRIS COUNTY, NEW JERSEY

**ORDINANCE #06-2025**

against and from all suits, claims, damages, liabilities, losses, and costs (including, but not limited to attorneys' fees and costs) of every kind and description, arising out of or relating to the system, or through any improper or defective machinery, implements, supplies or appliances used in the installation, maintenance, or repair of the system, or by any improper or defective work performed in connection with installation, maintenance, or repair of the system, or through any act or omission of any kind whatsoever on the part of the property owner or anyone acting on the property owner's behalf in regards to the system.

- (4) Should the property owner fail to comply with the terms set forth in the agreement, the Borough's Ordinances, or any applicable approvals to the reasonable satisfaction of the Borough, the Borough reserves the right to take any action required to put the system in such compliance, which action shall be at the property owners' sole expense. Without limiting the foregoing, the Borough may issue a Notice of Violation as provided for in 1-15 of this Code.

**SECTION 3.** Chapter 168, Sewerage System, Article III, Use of Borough Sewerage System, § 168-29, Unsanitary deposits prohibited, is hereby replaced with the below language. Current sections 168-29 through -44 shall be renumbered accordingly.

**§ 168-29 Requirements Prior to Connecting**

- A. In addition to requirements designated under 168-13, all new sewer lines, pump stations, and associated equipment must be inspected during construction by the Superintendent or the Superintendent's designee to confirm proper construction methods and installation prior to approving a connection.
  - (1) All sewer lines shall be air tested, CCTVed to confirm no defects, and mandrel tested prior to connection approval.
  - (2) All pump stations shall be inspected throughout construction and all equipment shall be started by the authorized manufacturer representative. The Superintendent or the Superintendent's designee shall witness the equipment start-up and the Borough shall be sent a copy of the start-up reports.
  - (3) All force mains shall undergo a hydrostatic pressure test at 1.5 times the maximum operating pressure held for two (2) hours with no leakage. Test shall be witnessed and approved by the Superintendent or his duly authorized designee.

**BOROUGH OF  
MENDHAM**  
MORRIS COUNTY, NEW JERSEY

**ORDINANCE #06-2025**

- B. After completion of all construction as specified in the plans, terms and conditions for which approval was granted, and certification to connect from the Superintendent or his designee that the construction has been approved and meets the specified requirements in all respects, the applicant shall file the connection permit for each sewer connection, subject to the filing by the applicant of the following documentation: a. Signed and sealed as-built plans (two copies) including:
- (1) Details of construction of manholes, siphons, connections and other sewer appurtenances (two copies);
  - (2) Detailed plans of sewage pumping stations (two copies);
    - (a) Specifications of the work within the Collection System and appurtenances including sewage pumping stations (two copies);
    - (b) Written certification that no liens or claims exist against the construction (two copies);
    - (c) Maps and descriptions of all lands and easements to be conveyed to the Township. Give title to all lands, easements, sewer structures and appurtenances by deed or appropriate dedication (two copies);
    - (d) Additional copies of any data furnished with the application, if requested by the Borough;
    - (e) Two copies of operating instructions and parts list for any pumping station;
    - (f) Certification of completion of construction (two copies). After approval, one complete set of plans and specifications will be so stamped and returned to the applicant if the applicant so requests.
    - (g) Submission and approval of TWA form WQM 005 to the NJDEP, if required.

**SECTION 4.** If any portion of this Ordinance is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent portion, and such holding shall not affect the validity of the remaining portions hereof.

**BOROUGH OF  
MENDHAM**  
MORRIS COUNTY, NEW JERSEY

**ORDINANCE #06-2025**

**SECTION 5.** All ordinances or parts of ordinances inconsistent herewith are repealed as to such inconsistencies.

**SECTION 6.** This Ordinance shall take effect immediately upon final passage and publication in the manner according to law.

INTRODUCED:  
ADOPTED:  
EFFECTIVE DATE:

BOROUGH OF MENDHAM,  
COUNTY OF MORRIS,  
STATE OF NEW JERSEY

ATTEST:

---

Lauren McBride, Acting Clerk

---

James Kelly, Mayor