

GREATER NEW HAVEN WATER POLLUTION CONTROL AUTHORITY PLAN REVIEW PROCESS GUIDELINE

The Greater New Haven Water Pollution Control Authority Plan Review Process requirements include the following requirements and tasks:

- Engineers shall follow the Authority's "A MANUAL FOR ENGINEERS, DEVELOPERS AND CONTRACTORS ENGAGED IN THE DESIGN, CONSTRUCTION AND PERMITTING OF SANITARY SEWERS WITHIN THE GNHWPCA WASTEWATER SYSTEM" available online at www.gnhwpca.com. The Authority's minimum design requirements include but are not limited to:
 - Minimum lateral pipe size is 6".
 - All laterals shall have an outside clean-out to grade installed within 5-feet of the foundation wall.
 - Sanitary sewer backwater valves (check valves) may be required on a case by case basis.
 - Existing sanitary sewer laterals may be reused if approved by the Authority. Existing lateral pipe shall be rehabilitated by the installation of a cured in place pipe liner. Existing laterals not suitable for reuse/reconnection shall be removed or abandoned in accordance with the Authority's Standard Details.
 - Inside drop manholes are not allowed. All manhole drop connections shall be outside drops.
 - Size of sewer pipe connecting two manholes shall be 8" minimum.
 - The design shall provide protection of water distribution systems. Water mains shall be above sanitary sewer mains a minimum vertical distance of 18 inches. The minimum horizontal distance between proposed sewers and water mains is 10 feet.
- Engineer shall complete the Authority's Sanitary Sewer Design Form (GNHWPCA SD-01).
- Projects that include private or public sanitary sewer mains shall provide a copy of the Gravity Sewer Design Computation Form (GNHWPCA SD-02).
- Sanitary sewer installations shall follow the Authority's Standard Specifications and detail drawings available online at www.gnhwpca.com.
- In service areas with combined sewer lines, separate connections for the storm and sanitary sewer flow shall be provided at all times. It is against the law to connect storm sewers to sanitary sewer lines.
- Private sanitary sewer systems require a Shared Sewer Agreement; all Shared Sewer Agreements require that the Authority set-up a non-interest bearing ESCROW account which is funded by the Developer prior to issuance of a connection permit.
- Private storm sewers connecting to the combined sewer system shall be separated to an infiltrator or detention system with an overflow that discharges to Authority's combined sewer. The infiltration or detention system shall be designed to hold the 2-year 6-hour design storm.
- If storm sewers are within 300-feet of streets that abut the development parcel, the private storm sewer shall not be permitted to connect to the combined sewer system.
- If a grease trap is required, the design shall follow the Authority's guidelines for Food Preparation Establishments.
- The Authority requires that persons seeking a sewer connection permit who anticipate the flow into the sewer from their proposed structure or development to exceed 2,000 gallons per day must demonstrate to the Authority through flow monitoring that the Authority sewer line to which the person proposes to connect has the capacity to accept the proposed additional flow. Flow monitoring periods vary between 3 and 12 weeks depending on the location of the new connection.
- Submit the size(s) of the proposed water supply meter(s). This information will be used to determine the sewer connection permit fees.

After the initial review is finalized the Authority will submit comments to the Engineer of the project. The Engineer shall submit updated drawings (electronic format preferred) to ensure that all the Authority's comments have been addressed. The Authority will provide any final comments via e-mail prior to final plan submission.

The final plan submission shall consist of four copies of the site plans, related details and certifications stamped by a professional engineer. Once approved by the Authority's Engineering Department, three copies will be returned to the owner/applicant and one will be kept on file at the Authority. ***The owner/applicant shall submit the approved plans to the Planning and Zoning Department of the respective municipality to apply for zoning permits.***

The owner/applicant shall present the approved plan when applying for a Sewer Connection Permit. Permits can be obtained from the Authority Monday through Friday between 8:00am and 11:00am or by appointment at 203-466-5263. Permit fees are due at the time of application.

Notice: Work shall not be performed on public sewer systems, private sewer systems, or lateral/building sewers until a Greater New Haven Water Pollution Control Authority "Sewer Connection Permit" is obtained.

Notice: All Work shall be inspected by the Authority prior to backfilling. A representative from the Authority shall be present during all quality control testing and it is the Contractor's responsibility to coordinate these inspections. It is the Contractor's responsibility to provide as-builts to the Authority within 2-weeks after construction is complete.

Private storm and sanitary sewer installations shall provide as-builts stamped by a Professional Engineer to certify that the project has been constructed in accordance with the approved plans and the Authority's Standard Specifications. A complete video documentation of the entire private sewer system must be provided by the Contractor upon completion of the project.

Please direct any questions or comments to the Engineering Department at 203-466-5280 or via e-mail at engineering@gnhwpc.com.



Greater New Haven Water Pollution Control Authority
www.gnhwpc.com

Emergency Number: 203-466-5260