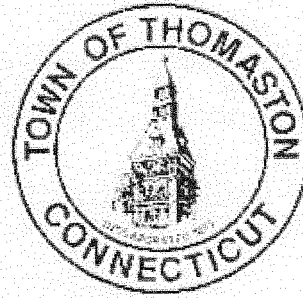


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November 2017

TOWN OF  
**Thomaston**  
CONNECTICUT

WATER POLLUTION CONTROL PLAN



# WATER POLLUTION CONTROL PLAN

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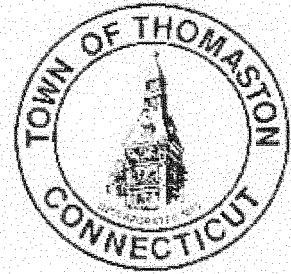
Figure .....	Sewer Service Area DRAFT November 2017
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## 1.0 WATER POLLUTION CONTROL PLAN

Every municipality with sewers has the responsibility to create a Water Pollution Control Plan.

Pursuant to section 7-246(b) of the Connecticut General Statutes, the Town of Thomaston Water Pollution Control Authority (WPCA) hereby promulgates this update to the Water Pollution Control Plan for the Town of Thomaston, Connecticut (Town).



## 1.1 Purpose

The purpose of this plan is to set forth the Town's control of water pollution policies and objectives with respect to the provision of sanitary sewer service within the Town of Thomaston.

The primary objectives of this plan are to establish and implement a sanitary sewer policy consistent with the following:

- 1.A. To support and complement the Town of Thomaston Plan of Conservation and Development as most recently revised and adopted by the Thomaston Planning and Zoning Commission.
- 1.B. To support and complement the WPCA Sewer Use Rules and Regulations as most recently revised and approved by the Connecticut Department of Energy & Environmental Protection and the United States Environmental Protection Agency.
- 1.C. To designate and delineate the boundaries of the parcels for which the WPCA provides or is expected to provide municipal sewer service.
- 1.D. To designate specific areas where sewers are to be avoided.
- 1.E. To document the WPCA's policy for the effective utilization of existing treatment plant capacity, and to establish a policy for the proper planning of treatment plant facilities prior to the designation of any new or additional treatment facilities.
- 1.F. To manage sewer service in a manner that will foster commercial and industrial development, thereby promoting sound economic growth for the benefit of the Town of Thomaston.
- 1.G. To regulate the expansion of the sewer collection facilities to areas where there is a demonstrated environmental, public health, public safety, economic, social, or general welfare concern without serving as an attraction to more extensive development, as outlined in the Conservation & Development Policies: The Plan for Connecticut.

## 2.0 SEWER SERVICE AREA MAP

A map titled "Sewer Service Area" dated November 2017, identifies all properties by parcel and their sanitary sewer service status.

### 2.1 Sewer Service Area

Parcels identified as being in the Sewer Service Area include:

- A. Those that currently have sanitary sewer infrastructure installed and legally in service as of the effective date of this plan,
- B. Parcels that abut the sanitary sewer line, which were not connected to the sanitary sewer service at the date of this agreement, and contain less than 80,000 square feet of land,
- C. Parcels which have agreements via caveat to connect to the sanitary sewer, or prior authorization to connect to the sewer.

The number of sewer service connections per parcel shall be limited to one unless subject to an alternate agreement with the WPCA. These parcels are included as part of the long-term planning process for providing sewage treatment at the Thomaston Water Pollution Control Plant. These parcels are inclusive of all parcels that are currently served by the sewer department in accordance with the Town's Plan of Conservation and Development.

#### 2.1.1 Sewer Services Areas in Thomaston

More than 70% of the parcels that are within the Town boundary line are included within the Sewer Service Area. This includes nearly 2,000 existing residential users, approximately 100 commercial/industrial users, and nearly 200 parcels adjacent to the existing sewer line that are less than 80,000 square feet.

#### 2.1.2 Sewer Services Areas in Litchfield

Only parcels and lines that existed at the time of the adoption of the formal agreements between the Town of Thomaston and the Town of Litchfield Agreements may be included in the Sewer Service Area, inclusive of the agreements dated July 26, 1972 and June 3, 1997. At the time of this Water Pollution Control Plan, 81 parcels in the Town of Litchfield included in the Sewer Service Area, which is approximately 2% of the parcels in Litchfield.

### 2.2 Potential Need Area

Potential Need Areas are parcels that have been identified by the Torrington Area Health District because the lots are less than 80,000 square feet, and they possess one or more of the following criteria:

- Soils with limiting conditions such as ledge rock, groundwater, and impervious soil.
- High density neighborhoods/developments
- Lots with private wells, not public or community water supplies
- Regular failures of the existing subsurface sewage disposal systems

### 2.2.1 *Potential Need Area along Jackson Street and near Laurel Drive*

Potential Need Areas have been identified along Jackson Street, Laurel Drive, Meadow Brook Drive, and the base of Carter Road.

### 2.2.2 *Other Potential Need Areas*

A single parcel at the intersection of Waterbury Road/Thomaston Avenue and Spruce Brook Road (State Highway 262) has been identified as a Potential Needs Parcel because a restaurant is located half in Thomaston and half in Waterbury. The WPCA does not anticipate collecting sewage from that parcel, but does not want to prevent the parcel from connecting to the sewer in Waterbury if an opportunity to do so was available.

## 2.3 **Sewer Avoidance Areas**

The Connecticut Department of Energy and Environmental Protection issued a report entitled A Report to the Joint Standing Committee on the Environment on the Establishment and Administration of a Municipal and Town Sewer Avoidance Program, in January 1978, which demonstrates that sewer avoidance is a desirable policy in rural areas where sewers presently do not exist. The WPCA acknowledges the precepts of the report and concludes that a policy of sewer avoidance is appropriate for all areas of Thomaston outside of the Sewer Service Area and Potential Need Area.

Therefore, the Sewer Avoidance Areas are defined as those areas outside of the designated proposed Sewer Service Area parcels and do not include the Potential Need Area parcels. The WPCA will not extend, nor permit the extension of its sanitary sewer infrastructure to service areas or individual properties outside the boundaries of the Sewer Service Area.

The only recognized exception to this sewer avoidance policy is when municipal sewers are the only means deemed reasonable by the WPCA of remediating water pollution problems caused by the failure of single or multiple Subsurface Sewage Disposal Systems located in the geographic area. Given this policy of sewer avoidance, new development and construction beyond the limits of the Sewer Service Area shall not exceed the ability of the land on which it is located to adequately support proper on-site Subsurface Sewage Disposal System.

Parcels that abut the existing sanitary sewer line, which were not connected to the sanitary sewer service as of the date of this agreement, and that contain at minimum 80,000 square feet of land, will be a part of the Sewer Avoidance Area.



## 2.4 Sewer Service Area Map Summary

Table 2-1 Sewer Service Area Map Summary				
		Thomaston	Litchfield	Total*
Sewer Service Area	Number of Parcels	2,183	81	2,264
	Area in Acres	2,212	153	2,365
Potential Need Area	Number of Parcels	59	0	59
	Area in Acres	32	0	32
Sewer Avoidance Areas	Number of Parcels	760	4,144	4,904
	Area in Acres	4,741	36,275	41,017
Overall GIS Database	Number of Parcels	3,002	4,225	7,227
	Area in Acres	6,985	36,428	43,413

Note: \* Data presented is rounded to nearest whole acres based on the sum of the individual totals.

### 3.0 CAPACITY MANAGEMENT

The WPCA will allocate capacity to collect and treat wastewater from parcels within the Sewer Service Area and the Potential Needs Areas. Treatment and Collection capacity shall be allocated in a manner consistent with the priorities set forth in the Thomaston Plan of Conservation and Development, and in a manner consistent with the WPCA's objective of pollution abatement and making a safe environment for the residents in the Town of Thomaston as well as other communities downstream along the Naugatuck River.

#### 3.1 Residential

Residential development capacity allocation shall be limited to such density of development as is permitted by the zoning regulations for the zoning district in which the property to be served is located.

#### 3.2 Treatment and Collection

Allocation of Treatment and Collection capacity shall lie solely with the WPCA.

#### 3.3 Approval

Authority over and approval of the expansion/extension of the public sewer system lies solely with the WPCA. No individual, partnership, co-partnership, firm, company, corporation, association, joint-stock company, trust, estate, governmental entity or any other legal entity or their legal representatives, agents or assigns shall cause the expansion/extension of the public sewer system without the express written consent of the WPCA.

#### 3.4 Treatment Capacity

Flow will not be allocated or authorized that will cause the Treatment Capacity at the Thomaston Water Pollution Control Facility to exceed the limits established by the current issued State of Connecticut DEEP Town of Thomaston NPDES Permit.

#### 3.5 Collection System Capacity

The existing sewage collection system was initially constructed in the 1950s and has been expanded upon to contain approximately 36 miles of gravity sewer and about 2 miles of pressurized force mains. There are two (2) primary interceptors, one starting at Branch Road, and another at South Main Street, which discharge at the WPCF. There are five (5) pumping stations.

Under no circumstances will allocation be authorized that will cause the exceedance of the collection capacity at the point of connection or in any downstream segment of the wastewater collection system, without a capacity reduction or capacity increasing project being undertaken by the developer that will either reduce the volume by a ratio of 4:1 or increase the carrying capacity of the affected segments.

All articles outlined in the Town of Thomaston Water Pollution Control Authority Sewer Use Rules and Regulations shall govern.

#### 4.0 COMMUNITY SEWERAGE SYSTEMS

##### 4.1 Description

For the purposes of the Thomaston Water Pollution Control Plan, Community Sewerage Systems are sewage systems that:

- A. Serve two or more residences/establishments in separate structures, and
- B. Are not connected to a municipal sewerage system.

##### 4.1.1 Permissions

Unless deemed necessary by the WPCA, the Health Department, or other governing regulatory authority to abate or mitigate an existing or imminent pollution problem, no Community Sewerage Systems shall be permitted in the Town of Thomaston following the acceptance of this Plan.



## WATER POLLUTION CONTROL PLAN

## 5.0 MISCELLANEOUS

## 5.1 Sewer Use Rules and Regulations

Nothing contained in this Water Pollution Control Plan shall be deemed to amend or revoke any provision of the Town of Thomaston, Connecticut Water Pollution Control Authority (WPCA) Sewer Use Rules and Regulations.

## 5.2 Amendments

The WPCA may amend this Water Pollution Control Plan.

## 5.3 Statutes

In accordance with section 7-246(b) of the Connecticut General Statutes, the WPCA shall file a copy of this plan and any periodic updates to the plan with the Commissioner of the Department of Energy and Environmental Protection. Connecticut General Statutes, Section 7-246(b) is quoted below:

**Connecticut General Statutes, Section 7-246(b):**

*(b) Each municipal water pollution control authority designated in accordance with this section may prepare and periodically update a water pollution control plan for the municipality. Such plan shall designate and delineate the boundary of: (1) Areas served by any municipal sewerage system; (2) areas where municipal sewerage facilities are planned and the schedule of design and construction anticipated or proposed; (3) areas where sewers are to be avoided; (4) areas served by any community sewerage system not owned by a municipality; (5) areas to be served by any proposed community sewerage system not owned by a municipality; and (6) areas to be designated as decentralized wastewater management districts. Such plan shall also describe the means by which municipal programs are being carried out to avoid community pollution problems and describe any programs wherein the local director of health manages subsurface sewage disposal systems. The authority shall file a copy of the plan and any periodic updates of such plan with the Commissioner of Energy and Environmental Protection and shall manage or ensure the effective supervision, management, control, operation and maintenance of any community sewerage system or decentralized wastewater management district not owned by a municipality.*

## WATER POLLUTION CONTROL PLAN

## 6.0 EFFECTIVE DATE

The initial date of adoption of this Water Pollution Control Plan is November 21, 2017

This initial date of Adoption shall be deemed to be the effective date of the Plan.

Adopted: Thomas J. Miller, CHAIR WPCA

Date: November 21, 2017