

TOWN OF THOMASTON POLLUTION CONTROL SEWER ORDINANCE

Section 901 - MANAGEMENT PLAN

901.1 - PURPOSE

The Town of Thomaston in order to promote the health, general welfare, comfort, and public convenience of its citizens and to protect the environment owns, controls, maintains and operates a wastewater collection, treatment, and disposal facility. The purpose of this ordinance is to set up a management plan for the facility and to provide for control of its use.

901.2 - AUTHORITY AND ABROGATION

This ordinance is adopted pursuant to Home Rule Powers as provided for in Article VIII Part 2, Sec.1. of the Maine Constitution and M.R.S.A. Title 30-A Section 3001.

This Ordinance shall be known as the "Sewer Ordinance" of the Town of Thomaston, Maine, enacted by vote of the Town Meeting. This ordinance repeals and replaces any municipal ordinance previously enacted to establish a management plan for the wastewater treatment facilities and sewer systems.

The authority to act on behalf of the Town of Thomaston in all matters pursuant to the Town's Wastewater Facilities shall be vested in the Board of Selectmen to the extent allowed by M.R.S.A. Title 30-A Section 3402-3406, and Section 3422 and all other applicable State statutes.

901.3 - POLLUTION CONTROL DEPARTMENT

There is hereby established a POLLUTION CONTROL DEPARTMENT (P.C.D.) FOR THE TOWN OF THOMASTON. This Wastewater Department shall maintain and operate all of the town's wastewater facilities located within the legal limits of the Town of Thomaston including any portions covered by interlocal agreement with other municipalities. The Board of Selectmen shall provide for its staffing, establish rules and regulations for its operations and prepare and approve a fiscal year budget for the Department. The Pollution Control Department shall be under the general direction of the Town Manager and direct direction of the P.C.D. Superintendent. In addition, the Board of Selectmen may establish such sewer advisory boards and committees as it deems necessary and provide for their charges and rules and regulations.

901.4 - ORDINANCE

There shall be an ordinance established as may be necessary to restrict and regulate the accumulation, transportation, treatment and disposal of wastewater in such a manner that the creation of any wastewater system, whether public or private, industrial or residential, shall not result in pollution, health hazards or other nuisances for the citizens of the Town of Thomaston.

The Board of Selectmen may establish such additional rules and regulations to clarify and supplement the ordinance as they consider expedient after holding a public hearing, within 7 days notice of the public hearing. Additional rules and regulations will include:

- a. Discharges to public sewer;
- b. Pretreatment requirements in accordance with federal requirements;

- c. Long-term sewer maintenance plan;
- d. Sewer use violation monitoring plan;
- e. Sewer service charges and schedule of user fees;
- f. System development charges and schedule of fees.

The invalidity of any section, clause, sentence, or provision of this ordinance shall not effect the validity of any other part of this ordinance which shall remain in effect without such invalid part or parts.

The Board of Selectmen have the right to alter or waive any provisions of this ordinance, rules, regulations or conditions of services for the following reasons:

1. The person who, by reason of infirmity or poverty, is in the Board of Selectmen's judgement unable to contribute to the public charges. Said abatement procedure shall be the same as provided under M.R.S.A. 36, Section 841 (2)
2. That the topography of the land is such that not to grant a waiver would result in undue hardship and would not be in the best interest of the community. A financial hardship shall not constitute grounds under this paragraph.

The decision and the reason(s) for the decision shall be recorded in the minutes of the meeting in which the waiver is granted. The burden of proof for granting of an alteration or waiver is upon the applicant or developer and not upon the Board of Selectmen.

901.5 - USER FEES

All persons, firms and corporations, whether public or private, shall pay to the Treasurer of the Town the rates, tolls, rents, fees, and other lawful charges established by the Board of Selectmen after a public hearing for the wastewater service used or available with respect to their real estate.

901.6 - VIOLATION, PENALTIES AND ENFORCEMENT

The Code Enforcement Officer/Local Plumbing Inspector (hereafter referred to as CEO/LPI) shall be responsible for the enforcement of this Ordinance. Upon finding that any owner is violating any provision of this ordinance, the CEO/LPI may serve the owner with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease all violations.

Any owner who continues to violate beyond the time limit provided for in the written notice, may be subject to court action, shall be guilty of a civil violation and on conviction shall be fined not less than \$100 nor more than \$2,500 or such other penalty provided by M.R.S.A. Title 30-A Section 4452. Each day in which such violation shall continue shall be deemed a separate offense violation.

Any owner violating any of the provisions of this ordinance shall become liable to the Town for any such expense, loss or damage occasioned the Town by reason of such violation.

901.7 - APPEAL PROCEDURE

Any owner aggrieved by the decision of the CEO/LPI, which decision arises from provisions of this Thomaston Sewer Ordinance may appeal such decision to the Board of Selectmen within thirty (30) days of the Code Officer's decision to the Board of Selectmen of the Town of Thomaston. The Board of Selectmen shall hear said appeal within thirty (30) days of the date of hearing of the Board of Selectmen. The decision of the Board of Selectmen shall be entered at the office of the Town clerk upon form to be approved by the Board of Selectmen and the appellant shall be sent a notice of said decision, postage prepaid, to the address of the appellant. The appellant shall, in his application, set forth as grounds for

appeal and shall refer to the specific provisions of the ordinance involved in an appeal to the Board of Selectmen.

At any rate, a party may appeal from the decision of the Board of Selectmen to the Superior Court in accordance with the Maine Rules of Civil Procedure, Rule 80(b). Hearing before the Superior Court shall be without jury.

901.8 - AUTHORITY TO INSPECT

The Board of Selectmen or the CEO/LPI or P.C.D. Superintendent and other duly authorized representatives of the Board of Selectmen bearing proper credentials and identification shall be permitted to enter all properties for the purpose of inspection, observation, measurement, sampling, and testing pertinent to discharge to the public sewer in accordance with the provisions of this Ordinance but only at reasonable times and upon reasonable notice. The Board of Selectmen or CEO/LPI or P.C.D. Superintendent shall have no authority to inquire into any processes including metallurgical, chemical, oil, refining, ceramic, paper, or other industries beyond that point having a direct bearing on the kind and source of discharge to the Town's Wastewater facilities or waterways. Any information so obtained and considered as proprietary shall be held so by the Board of Selectmen.

While performing the necessary work on private properties referred to above, the Board of Selectmen or CEO/LPI or P.C.D. Superintendent shall observe all safety rules applicable to the premises. The owner shall be held harmless for injury or death to the Town's employees or representatives and the Town shall indemnify the owner against loss or damage to his/her property by Town employees or representatives and against liability claims and demands for personal injury or property damage asserted against the owner and growing out of the gauging and sampling operation, except as such may be caused by negligence or failure of the owner to maintain safe conditions.

The Board of Selectmen or CEO/LPI or P.C.D. Superintendent bearing proper credentials and identification shall be permitted to enter all private properties through which the Town holds a fully executed easement for the purpose of , but not limited to, inspection, observation, measurement, sampling, repair, and maintenance of any portion of the Town's Wastewater facilities lying with said easement. All entry and subsequent work, if any, on said easement shall be done in full accordance with the terms of the duly executed easement pertaining to the private property involved.

901.9 - DAMAGE TO FACILITIES

No person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface or tamper with any structure, appurtenance, or equipment which is a part of the Town wastewater facilities. Any person violating this provision shall be subject to those penalties provided by State law. A person shall be liable to the Town in a civil action for all damages incurred, and double damages where appropriate as provided by M.R.S.A. Title 30-A Section 3407.

901.10 - CONFLICT WITH OTHER ORDINANCES

This Ordinance shall completely supersede all other wastewater ordinances enacted by the Town of Thomaston prior to the date of the enactment of this Ordinance. Other ordinances and rules and regulations are hereby repealed, except as otherwise noted herein.

901.11 - VALIDITY

This Ordinance shall be effective when approved by the voters at Town Meeting. Hereafter any person owning or proposing to own any real estate within the Town of Thomaston which is source of wastewater shall comply with the requirements of this of this Ordinance, or the Maine State Plumbing Code.

901.12 - AMENDMENT TO ORDINANCE

This Ordinance may be amended by a majority vote at an annual or Special Town Meeting. Amendments may be initiated by a majority vote of the Board of Selectmen or on petition to the Board of Selectmen by voters numbering no fewer than 10% of the votes cast in the last gubernatorial election in the Town. The Board of Selectmen shall conduct a public hearing on any proposed amendment.

A public hearing notice on any proposed amendment shall be published in a newspaper of general circulation in the Town of Thomaston at least 7 days prior to the date of the public hearing.

Section 902 - CONNECTIONS TO PUBLIC SEWER

902.1 - USE OF PUBLIC SEWERS REQUIRED

The owner of each lot or parcel of land upon which a building has been constructed which abuts upon a street or public way containing a public sewer shall connect that building with the public sewer within ninety (90) days after date of official notice to do so, provided that said public sewer is within two hundred (200) feet of any existing or proposed buildings and/or private on-site septic disposal systems and shall cease using any other method for the disposal of wastewater.

Upon completion of the connection of the building sewer to the public sewer, all contents, the old septic tank(s) and its contents shall be secured or disposed of in accordance with the Maine State Plumbing Code.

902.2 - CONNECTION OF PRIVATE SEWERS, PERMITS, AND REGULATIONS

Application. Abutters upon the line of a public sewer and abutters upon the line of a public sewer constructed before a municipality accepts those sections, and the owner of contiguous private sewers may enter and connect with the public sewer on written application to the Board of Selectmen distinctly describing the land to which the application applies and paying a sewer connection permit fee in form of a one-time Sewer System Development Charge (hereafter referred to as S.S.D.C.) payment (refer to sewer charges). Expense for any testing and sampling of waste for acceptance at the treatment plant shall be borne by the owner or applicant. The permit application shall be supplemented by any plans, specifications, or other information considered pertinent in the judgement of the Board of Selectmen.

Permit issued. Upon approval, the Board of Selectmen shall give the applicant a written permit to enter and connect with the public sewer. This permit is available to the owner of the land described in the application, the owner's heirs and assigns, and shall run with the land. Failure to enter and connect into the public sewer within one year from the date of the granting of the permit shall result in the expiration of the permit and forfeiture of the permit fee or the S.S.D.C. Renewal of a permit shall be treated as a new application and shall be subject to all of the provisions of this ordinance including the appropriate fees and charges.

Regulations. The Board of Selectmen shall establish any other rules, regulations and conditions for connecting with public sewers that they consider expedient and after holding a public hearing with 7 days notice of the public hearing.

For all connections an inspection fee as determined by the Board of Selectmen shall be paid to the Town at the time the application is filed.

902.3 - NOTIFICATION PERIODS

The Board shall require written notice of any new discharge or any major change, either in volume or character of wastewater, in an existing discharge. the minimum notification period shall be as outlined in Table 1.

Table 1 - Minimum Notification Period

New Discharge	Less than 5,000 G.P.D.	15 days
	More than 5,000 G.P.D.	60 days
Existing Discharge Modifications	Change of less than 10,000 G.P.D.	None
	Change of more than 10,000 G.P.D.	30 days

902.4 - CONNECTIONS WITHOUT PERMIT

If any owner connects a private sewer or building drain with a public sewer or enters it by a side connection without a permit, the municipal officers may immediately destroy the connection. That owner commits a civil violation for which a forfeiture of not more than twice the normal fee may be adjudged, to be paid to the municipality where the offense is committed.

902.5 - VIOLATION OF PERMIT; NUISANCES

If any owner willfully or negligently violates any condition or regulation prescribed in the permit, the municipal officers may immediately disconnect the sewer from the public sewer and declare the permit forfeited. That owner, the owner's heirs and assigns may not connect with the public sewer again without a new permit and new sewer connection permit fee (S.S.D.C.). Whoever commits a nuisance by the construction or use of a private sewer is liable for that nuisance notwithstanding this chapter.

902.6 - SEWER CONNECTION PERMIT REQUIREMENT FOR ADDITIONAL FLOWS TO EXISTING SEWERS

A sewer connection permit shall also be required for any new construction or change of use or expansion by renovation or alteration of an existing structure which will increase the amount of wastewater added to the sewer system. This applies even if no new sewer connection may be required. All additional wastewater gallonage shall be based on the volume design flows specified, in the Maine State Plumbing code Subsurface Wastewater Disposal rules. This section does not apply to existing single family dwellings.

The CEO/LPI shall determine whether or not there is an additional increase in the amount of wastewater added to the sewer system.

902.7 - OWNER'S COSTS - NEW CONNECTIONS

All costs and expenses, incidental to the application, review, installation, connection, repair and maintenance of the building sewer shall be borne by the owner. The owner shall indemnify the Town.

902.8 - OWNER'S COSTS - BUILDING SEWER REPLACEMENT

The owner of each lot or parcel of land upon which a building that generates wastewater has been constructed and that is legally connected to the public sewer may permit the Town to reconstruct the building drain as necessary. If the owner agrees to replace these lines, the Town will reimburse all costs up to a limit of \$2,000.00 provided the owner:

- 1.) adheres to Thomaston Sewer Ordinance;
- 2.) provides a written estimate which is approved by the Town prior to any work being done.

Any owner who elects not to permit the town to replace these lines shall either certify to the Town in writing that their lines meet or exceed the testing requirements of new sewer lines as specified in Section 903.4 of this Ordinance or replace said lines at their own expense within 90 days of refusal to enter into agreement with the Town.

902.9 - CONNECTION AND INSPECTION

The applicant for the building sewer permit shall notify the Town at least forty-eight (48) hours before beginning work and also when the building sewer is ready for inspection and connection to public sewer. The completed building sewer shall be inspected and approved by the CEO. The connection to the public sewer shall be made under the full-time supervision of the CEO-LPI or his assistant.

902.10 - PRIVATE WASTEWATER DISPOSAL

Where a public sanitary sewer is not available under the provisions of Section 902.1, the building sewer shall be connected to a private on-site septic disposal system complying with the provisions of the State of Maine Plumbing Code, Part II subsurface Wastewater Disposal Regulations and the ordinances of the Town of Thomaston.

902.11 - SEPTAGE

The septage from private on-site septic disposal systems and the contents of wastewater holding tanks from dwellings or recreational vehicles shall not be discharged to the public sewer system except by specific permit issued by the Board of Selectmen.

902.12 - BUILDING SEWERS

A separate and independent "building sewer" shall be provided for every building, except where one building stands at the rear of another on the same lot or on an exterior lot and no private sewer is available or can be constructed to the rear building through an adjoining alley, court, yard, or driveway, the building sewer from the front building may be extended to the rear building if approved by the Selectmen. Each building shall be considered as one service except for the purposes of charging sewer fees, S.S.D.C. and other charges, where they shall be considered as separate services.

The size, slope, alignment, materials of construction of a building sewer, and the methods to be used in excavating, placing of the pipe, jointing, testing, and backfilling the trench, shall all conform to the requirements of the building and plumbing code or other applicable rules and regulations of the Town. In the absence of code provisions or in amplifications thereof, the materials and procedures set forth in appropriate specifications of the ASTM and WPCF Manual of Practice No. 9 shall apply.

In all buildings in which any building drain is too low to permit gravity flow to the public sewer, wastewater carried by such building drain shall be lifted by an approved means and discharged to the building sewer or service lateral. Plans and details of the proposed method shall be submitted to the CEO/LPI.

A clean septic tank in good condition as determined by the CEO/LPI may be used for a pump tank. The outlet to the disposal field shall be disconnected and plugged. If required by the CEO/LPI the tank shall be tested for water tightness.

The fittings used and manner of connecting a building sewer to an existing public sewer shall conform with current applicable state building and plumbing code requirements and local ordinances. All such connections shall be gas tight and water tight. For sewer extensions the connection shall be made in

accordance with approved drawings. Any deviation from the prescribed procedures and materials must be approved in writing by the Board of Selectmen before installation. Internal drop connections to connect house services directly into existing manholes are not permitted.

902.13 - FORCE MAINS

No connection of any kind shall be made directly from any private property to a Town sewer force main. No building sewer shall be connected into a manhole.

902.14 - UNPOLLUTED WATER

No person(s) shall discharge or cause to be discharged any unpolluted waters such as stormwater, surface water, groundwater, roof runoff, cellar drainage, water from sump pumps, water from building drains, subsurface drainage, uncontaminated cooling water, or unpolluted industrial process waters to any sanitary sewer. Stormwater and all other unpolluted drainage shall be discharged to such conduits as are specifically designed as storm drains, or to a natural outlet approved by the Superintendent. Unpolluted industrial cooling water or unpolluted process waters may be discharged, on approval of the Superintendent, to a storm drain, or natural outlet; and the discharge shall comply with all federal, state and local laws, rules, or ordinances and regulations.

902.15 - CONSTRUCTION SAFETY

All excavation for a building sewer installation shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways, and other public property disturbed in the course of the work shall be restored in a manner satisfactory to and in conformance with the ordinances of the Town and the owner shall indemnify the Town and hold the Town harmless for all claims, damages, losses and expenses, including attorney's fees, arising out of or resulting from owner's work. The Town shall have the right to select its own attorney at the owner's expense.

903 - SEWER EXTENSION PROCEDURES

903.1 - PUBLIC SEWER EXTENSION BY TOWN

Public sewer extensions may be constructed by the Town, if, in the opinion of the Selectboard, the number of existing, improved properties to be served by such extension warrants its costs or if such extension is likely to provide adequate revenues to warrant its cost in the reasonable future.

903.2 – TOWN EXTENSION INITIATED

The Selectboard, after study, may elect to extend public sewers into areas that meet the above criteria or when extension is required by specific state or federal mandate or when property owners(s), builder(s) or developer(s) have proposed sewer extensions within the Town property or road right-of-way or easement to the Town by written petition filed with the Selectboard.

903.3 – APPROVAL OF TOWN EXTENSION

Prior to authorizing a sewer extension greater than 500 feet by the Town, except by specific state or federal mandate, the Selectboard shall:

1. Notify the Town of Thomaston Planning Board in order to assure conformity with the comprehensive plans and other public policies relating to the Town's growth and development.

2. Notify all abutting property owners to the proposed sewer extension not less than 10 days prior to the meeting at which they will take final action on the authorization of the extension.
3. Publish notice of the proposed action in a newspaper with general circulation in the Town not less than 7 days prior to the meeting at which they will take final action on the authorization of the extension.

903.4 – FINANCING A TOWN EXTENSION

The costs associated with such extensions may be borne by the benefited property owners in a manner determined by the Selectboard to prevent unreasonable increases in the bonded indebtedness of the Town. In addition, each owner connecting into the public sewer system must obtain a written connection permit from the Town and pay the Sewer System Development Charge (SSDC) and any other charges associated with the connection.

903.5 – PROCEDURE FOR TOWN EXTENSION

The Town may acquire any property or easements needed, contract for the design and construction and perform any other tasks necessary to install the sewer extension. All extensions constructed under this section shall comply with Section 903.20 "Sewer Design Standards" and Section 903.25 "New Sewer Testing".

903.6 - PUBLIC SEWER EXTENSION IN SPECIAL SEWER ZONE

The Selectboard may establish a Special Sewer Zone comprising all non-sewered lots of benefiting property owners to a proposed sewer extension.

903.7 – SPECIAL SEWER ZONE EXTENSION INITIATED

Property owners(s), builder(s) or developer(s) may petition the Selectboard to establish a Special Sewer Zone for the purpose of extending the public sewer within the Town property or road right-of-way or easement of the Town.

903.8 – APPROVAL OF SPECIAL SEWER ZONE EXTENSION

Prior to establishing a Special Sewer Zone and authorizing any sewer extension the Selectboard shall:

1. Notify the Town of Thomaston Planning Board in order to assure conformity with the comprehensive plans and other public policies relating to the Town's growth and development.
2. Notify all abutting property owners to the proposed sewer extension by registered mail not less than 10 days prior to the meeting at which they will take final action on the authorization of the extension.
3. Publish notice of the proposed action in a newspaper with general circulation in the Town not less than 7 days prior to the meeting at which they will take final action on the authorization of the extension.

903.9 – FINANCING A SPECIAL SEWER ZONE EXTENSION

Extensions to the sewer collection system provide benefits by increasing the area served by public sewers, spreading the cost of safely treating and disposing of wastewater among more users and helping to protect the Georges River and its watershed. However, existing buildings along the proposed sewer route may have working septic systems and not need public sewer at the time the sewer is installed. There may be vacant lots that are not built on until years after the sewer is installed. To promote the benefits of expanding the public sewer service area the Town may establish a Special Sewer Zone and provide funding, or not, as necessary to install a public sewer. To reimburse the Town, or others, for a portion of the sewer extension expense the Selectboard may establish a Special Assessment for each owner within the zone to be paid at the time of connecting into the public sewer. This Special Assessment must be paid before the owner can obtain a written connection permit from the Town and is in addition to the Sewer System Development Charge (SSDC) and any other charges associated with the connection.

903.10 – PROCEDURE FOR SPECIAL SEWER ZONE EXTENSION

The Town may acquire any property or easements needed, contract for the design and construction and perform any other tasks necessary to install the sewer extension. All extensions constructed under this section shall comply with Section 903.20 "Sewer Design Standards" and Section 903.25 "New Sewer Testing".

903.11 - PUBLIC SEWER EXTENSION BY OTHERS

If the Selectboard does not elect to construct a public sewer extension the property owners(s), builder(s), or developer(s) may construct the necessary public sewer extension if the Selectboard in accordance with the requirements of Section 903.12 approves such extension.

903.12 – APPROVAL OF PUBLIC SEWER EXTENSION BY OTHERS

Prior to authorizing a sewer extension greater than 500 feet the Selectboard shall:

1. Notify the Town of Thomaston Planning Board in order to assure conformity with the comprehensive plans and other public policies relating to the Town's growth and development.
2. Notify all abutting property owners to the proposed sewer extension not less than 10 days prior to the meeting at which they will take final action on the authorization of the extension.
3. Publish notice of the proposed action in a newspaper with general circulation in the Town not less than 7 days prior to the meeting at which they will take final action on the authorization of the extension.

903.13 – FINANCING EXTENSIONS BY OTHERS

He or they shall pay for the entire installation, including planning and design, installation of sewers, pump stations, service connections, Sewer System Development Charges and all expenses incidental to the project. Each building sewer installed must be installed and inspected as required under the Town regulations and the inspection fees shall be paid. The construction of any sewer extension may be subject to continuous full time inspection by the Town, or its representative. The expenses incurred by the Town and the Town's consulting engineer in reviewing and approving the plans and specifications and performing the inspection work shall be paid from an escrow deposit made by the property owner(s), builder(s) or developer(s) to the Town at the time of application to the Selectboard. The amount of the

deposit shall be 2% of the estimated cost of the extension. If the expenses exceed the amount of the 2% escrow account, the extra expense shall be levied against the property owner, builder or developer. Failure to pay the extra expenses will result in the disapproval of the application and no physical connection to the public sewer shall be made. Any funds remaining in the escrow account after the Town has paid all of the expense for review and inspection of the sewer extension shall be returned to the owner, builder or developer.

903.14 – PROCEDURE FOR EXTENSION BY OTHERS

Design of sanitary sewers shall be as specified in Section 903.20. The design of sewers and pump stations to be deeded to the Town shall anticipate and allow for all possible future system extensions or developments within the future drainage areas as established by the Town. The Selectboard's decisions or the decisions of its representative shall be final in matters of quality and methods of construction. The owner(s), builder(s), developer(s) or their successor in interest shall warranty the public sewer extension and pay for all operations, maintenance, corrections and repair costs for one year after acceptance by the Town. In order to ensure that all operations, maintenance, corrections and repair costs are paid by the owner, builder or developer, a one-year maintenance guarantee as specified in Section 903.15 may be required by the Town.

903.15 – OWNERSHIP OF NEW SEWERS

All extensions of public sewers constructed at the expense of property owner(s), builder(s) or developer(s), after approval and acceptance by the Town, shall become the property of the Town and shall thereafter be maintained by the Town. The property owner(s), builder(s) or developer(s), shall, for all sewers, pump stations and appurtenances not in a public right-of-way, and before acceptance, provide, by deed free and clear of encumbrances or by easement to the Town, right or title to the sewers, pump stations and appurtenances including access from a public right-of-way.

Said sewers, after their acceptance by the Town, shall be guaranteed against defects in materials or workmanship for twelve (12) months, the guarantee being in a form stipulated by the Selectboard. At the sole discretion of the Selectboard, a completion bond or certified check may be demanded as part of the guarantee.

903.16 - PRIVATE SEWER EXTENSION

All private sewer extensions on private property that discharge or connect to the public sanitary sewer shall be approved by the Selectboard prior to construction. Excluded from this requirement are building drains and building sewers. The Selectboard may approve a private sewer extension if plans and specifications, properly designed by an engineer registered in the State of Maine and conforming to design standards set out in this regulation, are submitted sixty (60) days before the regularly scheduled meeting at which Selectboard approval of the extension will be requested.

903.17 – APPROVAL OF PRIVATE SEWER EXTENSIONS

Prior to authorizing a private sewer extension the Selectboard shall:

1. Notify the Town of Thomaston Planning Board in order to assure conformity with the comprehensive plans and other public policies relating to the Town's growth and development.
2. Notify all abutting property owners to the proposed sewer extension not less than 10 days prior to the meeting at which they will take final action on the authorization of the extension.

3. Publish notice of the proposed action in a newspaper with general circulation in the Town no less than 7 days prior to the meeting at which they will take final action on the authorization of the extension.

903.18 – FINANCING PRIVATE SEWER EXTENSIONS

He or they shall pay for the entire installation, including planning and design, installation of sewers, pump stations, service connections, Sewer System Development Charges and all expenses incidental to the project. Each building sewer installed must be installed and inspected as required under the Town regulations and the inspection fees shall be paid. The construction of any sewer extension may be subject to continuous, full time inspection by the Town or its representative. The expenses incurred by the Town and the Town's consulting engineer in reviewing and approving the plans and specifications and performing the inspection work shall be paid from an escrow deposit made by the property owner(s), builder(s) or developer(s) to the Town at the time of application to the Selectboard. The amount of the deposit shall be 2% of the estimated cost of the extension. If the expenses exceed the amount of the 2% escrow account, the extra expense shall be levied against the property owner, builder or developer. Failure to pay the extra expenses will result in the disapproval of the application and no physical connection to the public sewer shall be made. Any funds remaining in the escrow account after the Town has paid all of the expense for review and inspection of the sewer extension shall be returned to the owner, builder or developer.

903.19 – PROCEDURE FOR PRIVATE SEWER EXTENSION

Design of sanitary sewers shall be as specified in Section 903.5. The design of sewers and pump stations shall anticipate and allow for all possible future system extensions or developments within the future drainage areas as established by the Town. The Selectboard's decisions or the decisions of its representative shall be final in matters of quality and methods of construction. The owner(s), builder(s), developer(s) or their successor in interest shall pay for all operations, maintenance, corrections and repair costs to the private sewer extension. None of these costs will be borne by the Town of Thomaston. Prior to the actual physical connection of the private sewer extension to the public sewer, the person, builder or developer must obtain a sewer connection permit and pay the Sewer System Development Charge to the Town or else no physical connection to the public sewer shall be made.

903.20 – SEWER SYSTEM DESIGN STANDARDS

All extensions to sanitary sewer system shall be properly designed in accordance with the standards set by:

“Recommended Standards for Sewage Works”, as adopted by the Great Lakes - Upper Mississippi River Board of State Sanitary Engineers (the Ten State's Standards).

“Design and Construction of Sanitary and Storm Sewers”, published by the Water Environment Federation as Manual of Practice No. 9.

The design of sewers must anticipate and allow for flows from all possible future extensions or developments within the immediate drainage area.

903.21 – APPROVAL OF PLANS & SPECIFICATIONS

Plans and specifications for sewer extensions shall be submitted to the Town and written approval received from the Superintendent before construction may proceed.

Alternate materials for pipe, manholes or pump stations may be approved for use if, in the opinion of the Superintendent and the Selectboard, the resulting construction will be of acceptable standards.

903.22 – PIPE STANDARDS

All pipe material used for either gravity sewers (excluding building sewers) or for pressure force mains or appurtenances to these lines shall be:

- Ductile iron, Class 52, conforming to AWWA C150 with joints meeting AWWA C104 and fittings meeting AWWA C110.
- Poly Vinyl Chloride pipe (PVC) conforming to ASTM specification D3034 with pipe class to be appropriate for pipe loading.
- High Density Polyethylene pipe (HDPE) conforming to ASTM D3350 cell classification of 345434C.

No clay pipe or concrete pipe shall be used.

Minimum internal pipe diameter for gravity sewers shall be eight (8) inches.

Building sewers shall be six (6) inch minimum internal diameter from the sewer main to the property line of the structure being served and may be reduced to four (4) inch minimum internal pipe diameter on private property.

Joints for each kind of pipe shall be designed and manufactured such that a positive compression seal is provided by means of gaskets and sealing surfaces resistant to deterioration under the service conditions anticipated. The assembled pipe shall meet the requirements of testing set out in Section 903.60. Joint preparation and assembly shall be in accordance with the manufacturers recommendations.

Bedding material, when required, shall be well-graded crushed rock or bank run gravel meeting the following standard: 100% will pass a 3/4 inch screen and not more than 10% will pass a 200-mesh sieve.

Pipe thickness and field strength shall be calculated on the following criteria:

Safety Factor	1.9
Load Factor	1.7
Weight of Soil	120 lbs/cu. ft.
Wheel loading	16,000 lbs.

903.23 – MANHOLE STANDARDS

Manholes shall be constructed at all changes in slope or alignment or at intervals not exceeding four hundred (400) linear feet.

The manholes shall be precast four (4) foot diameter, or larger if required, concrete base, barrel sections with tapered top sections, as specified by ASTM C-478. All pipe openings shall have a rubber seal (boot) cast into the concrete that can be placed over the pipe and secured with a non-corroding fastener. Inverts and bench walls shall be precast into the bases or field constructed with brick and steel troweled concrete or mortar. All manhole joints, including frame, shall be sealed against infiltration.

The manhole frame and cover shall be the standard design of the Town and shall be set with no less than two (2) courses of sewer brick underneath to allow for later adjustment in elevation.

903.24 – PUMP STATION DESIGN CRITERIA

The Town has standardized the pump stations owned by the Town such that controls and alarms are the same in all stations and that pumps and standby generators in stations of similar size are the same. New pump stations shall, whenever possible, be designed with the same manufacturers equipment as is used in existing stations of similar size. When a pump of a different size or manufacturer that is currently in use is used in a new station a third or spare pump shall be provided.

All stations shall have control systems with double backup such that if the primary control fails the controller will continue to cycle on the same schedule as it was on when it failed and if that fails the high-high water alarm will turn on (and off) at least one pump through a float independent of the primary controller.

All pump stations shall have either standby power capable of operating the station for a minimum of three (3) days without outside power or a wet well sized to hold a minimum of twenty-four (24) hours of flow at maximum design above the high-high water alarm level.

903.25 - SEWER TESTING & CONNECTION REQUIREMENTS

All public sewers, force mains and manholes shall pass a final test before the extension will be approved and building sewer connections allowed by the Town. All testing shall be done in the presence of the Town’s representative.

If leakage exceeds the specific amount allowed by any test, the necessary repairs or replacements required shall be made and the test repeated until leakage is permanently reduced to within the specified limit.

903.26 – SEWER TEST

All gravity sewer lines shall be tested by a low pressure exfiltration air test. All sewer lines shall be cleaned to remove all sediment and debris prior to testing. Test plugs shall be properly installed blocking both ends of the pipe and air introduced through a mechanism in one of the air lock units to a minimum of four (4) pounds per square inch pressure. The air source shall then be shut off. A pressure drop, from the applied pressure, of less than one (1.0) psi during the period of time specified in the table below will constitute an acceptable air pressure test. If the pressure drop during the indicated time interval is exceeded, the test will be determined as a failure. The pipe shall be retested following the necessary repairs or replacement.

<u>Table of Air Testing Timing</u>								
Sewer Diameter (inches)	4	6	8	10	12	15	18	21
Test Duration (minutes)		2	3	4	5	6	8	9

No repairs shall be made internally on the pipe unless specially authorized by the Town. If any pipe is defective, it shall be removed and replaced. If debris and sediment enters the pipe during repair, the pipe shall be cleaned again before retesting.

At the option of the Town a deflection test on any PVC sewer lines may be required with a mandrel assembly (7½%) pulled through the entire length of each sewer run. If a deflection in the diameter of the pipe equal to or greater than 7½% of the specified pipe diameter is measured, the defective pipe will be removed and replaced. The pipe shall then be re-tested until found to be satisfactory.

903.27 – MANHOLE TEST

All manholes shall be vacuum tested immediately after assembly and prior to backfilling. All life holes shall be plugged with an approved non-shrink grout. All pipes entering the manhole shall be plugged. The plugs shall be securely braced to prevent them from being sucked into the manhole. The test head shall be placed at the inside of the top of the cone section and the seal inflated in accordance with the manufacturer’s recommendations. A vacuum of ten (10) inches of mercury shall be drawn and the vacuum pump shut off. With the valves closed the time shall be measured for the vacuum to drop nine (9) inches.

The manhole shall pass the test if the time is greater than:

<u>Manhole Diameter</u>	<u>Minimum Time</u>
Four (4) foot	60 seconds
Five (5) foot	75 seconds
Six (6) foot	90 seconds

903.7 - OWNER OF NEW SEWERS

All extensions of public sewers constructed at the expense of property owner, building, or developer, after approval and acceptance by the Superintendent, shall become the property of the town and shall thereafter be maintained by the

If the manhole fails the initial test, necessary repairs shall be made with a non-shrink grout while the vacuum is still being drawn. Retesting shall proceed until a satisfactory test is obtained.

903.28 – FORCE MAIN TEST

All force mains shall be water-pressure tested. Because of serious safety hazards air-pressure testing is not allowed. All force mains shall be cleaned by flushing to remove all sediment and debris prior to testing. The force main shall be satisfactorily valved or capped on each end and slowly filled with water. All air must be expelled from the pipe. Pressure shall be applied to the pipe by means of a pump connected to the pipe until a minimum of one hundred (100) pounds per square inch is reached. The duration of the pressure test shall be one (1) hour and water shall be added during that time to maintain the pressure within five (5±) psi of the initial pressure.

Leakage shall be defined as the quantity of water that must be supplied into the new force main to maintain pressure within five (5) psi of the initial pressure and acceptance shall be determined on the basis of allowable leakage.

Allowable leakage from the force main shall be as specified in the table below:

Pipe diameter (inches)	3	4	6	8	10	12
Max. leakage (gph/1,000 ft)	0.20	0.37	0.55	0.74	0.92	1.10

903.29 - CONNECTION REQUIREMENTS

No building sewers shall be connected to a sewer extension until all of the following conditions are completed to the satisfaction of the Town.

1. The completed sewers, force mains and manholes shall satisfy the requirements of a final exfiltration, or for manholes vacuum test.
2. All fees due for the extension have been paid.
3. Reproducible mylar or paper record drawings of the completed sewer have been furnished.
4. Presentation to the Selectboard of a one (1) year maintenance guarantee in the form of a performance bond or escrow deposit or letter of credit or other guarantee acceptable to the Selectboard for an amount equal to thirty (30) percent of the cost of construction of the sewer and appurtenances as estimated by the Selectboard.

903.30 - INSURANCE REQUIRED

All contractors working for the Town or on Town property must present a certificate of insurance showing the minimum liability coverage in effect:

1. Liability coverage of \$2,000,000 including:
 - a. \$1,000,000 for bodily injury.
 - b. \$1,000,000 for property damage including underground collapse and completed operations.
2. Workers Compensation to meet the statutory requirement of the State of Maine.

The Town must be named as an additional insured before a permit will be issued for construction of sewer extensions.

Coverage exceeding the above amounts may be required by the Selectboard.

903.31 – HOLD HARMLESS

A contractor shall indemnify and defend the Town and hold it harmless for all claims, damages, losses and expenses, including attorney's fees, arising out of or resulting from, contractor's work. The Town shall have the right to select its own attorney at the contractor's expense.

903.32 – SAFETY

All contractors working for the Town or on Town property shall be responsible for initiating, maintaining and supervising all safety precautions in connection with work on the sewer system and take all necessary precautions to prevent damage, injury or loss. They shall comply with all applicable laws, ordinances, rules, regulations and orders of any public body having jurisdiction. They will erect and maintain as required by the conditions, all necessary safeguards for safety and protection. They shall comply with all pertinent provisions of the Occupational Safety and Health Administration (OSHA) and any state safety and health agency requirements. They shall comply with all provisions of Title 23 Section 3360 of the MRSA, Protection of Underground Public Utilities, commonly known as the "Dig-Safe Law".

Special attention shall be paid to work in high traffic areas, whether State owned or not, to provide traffic control procedures to meet the requirements of the Maine Department of Transportation (MDOT).

903.33 – RESTORATION OF DISTURBED AREAS

All streets, sidewalks, driveways, lawns, natural areas, drainage courses and other public and private property disturbed in the course of the work shall be restored in a manner satisfactory to and in conformance with the regulations and ordinances of the Town of Thomaston, the State of Maine or the property owner.

ADOPTED: OCTOBER 29, 1990 AT TOWN MEETING

AMENDED: MARCH 25, 1991 AT TOWN MEETING

JUNE 15, 2005 AT TOWN MEETING

FEBRUARY 10, 2009 AT SPECIAL TOWN MEETING

**ADDENDUM
SEWER USE RULES & REGULATIONS
JANUARY 1991
DISCHARGES TO PUBLIC SEWERS
Approved August 20, 1991**

AUTHORITY

The following regulation is established as provided by the Sewer Ordinance of the Town of Thomaston, Section 901.4.

UNPOLLUTED WATER

No person shall discharge or cause to be discharged any unpolluted water such as stormwater, surface water, groundwater, roof runoff, cellar drainage, water from sump pumps, water from building drains, subsurface drainage, uncontaminated cooling water, or unpolluted industrial process waters to any sanitary sewer. Stormwater and all other unpolluted drainage shall be discharged to such conduits as are specifically designed as storm drains, or to a natural outlet. All discharges must be approved by the Superintendent. Unpolluted industrial cooling waste or unpolluted process waters may be discharged, on approval of the Superintendent, to a storm drain, or natural outlet; and the discharge shall comply with all federal, state and local laws, rules, or ordinances and regulations. All discharges, both prior to, and after the date of acceptance of this regulation must comply with this section.

MATERIALS NOT ALLOWED

No person shall discharge or cause to be discharged any of the following described waters or wastes to any public sewer:

- a. any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid, or gas with a flashpoint of less than 60 degrees Celsius (140 degrees F); which will create a fire or explosive hazard in the Town's wastewater facilities;
- b. any water or pollutants containing toxic or poisonous solids, liquids, or gases not listed on Table 1 of this Section herein capable of causing either singly or by interaction with other wastes, injury or interference with any waste treatment process, a hazard to humans or animals, public nuisance, or any hazard in the Town's facilities;
- c. any waters or wastes having a pH lower than 5.0 or higher than 9.5 or having any other corrosive property capable of causing damage or hazard to the Town's facilities and personnel;
- d. solid or viscous substances in quantities or of such size capable of causing obstruction to the flow in sewers or other interference with the proper operation of the Town's facilities such as, but not limited to stone, gravel, ashes, cinders, sand, concrete, paving materials, mud, straw, sticks, plaster, cement, mortar, shavings, metal, glass, garbage, whole blood, paunch manure, hair, fleshings, entrails, paper dishes, cups, milk containers, etc., either whole or ground by garbage grinders;
- e. any waters or pollutants including oxygen demanding pollutants (BOD, etc.) which released in quantities of flow or concentrations or both constitute a "slug" as defined herein;
- f. any material defined as hazardous waste by either Federal or State regulations;

- g. any heated waters or pollutants in amounts which will inhibit or interfere with biological activity in the Town's wastewater treatment facilities but in no case heated waters or pollutants in such quantities that the temperature at the wastewater treatment facilities influent exceeds 40 degrees Celsius (104 degrees Fahrenheit);
- h. any industrial sludges from septic tanks, cesspools, or other receptacles storing organic wastes;
- i. any other materials as determined by the Board to create an adverse impact upon the wastewater facilities.

MATERIALS LIMITED

The following described substances, materials, wastes or wastewaters, or pollutants discharged to the public sanitary sewers shall be limited to concentrations or quantities which will not harm either the public sewers, wastewater treatment process or other Town facilities, will not have an adverse effect on the receiving stream, or will not otherwise endanger life, limb, public property, or constitute a nuisance. The Board may set concentration limitations lower than the limitations established in regulations below if in the opinion of the Board that much more severe limitations are necessary to meet the above objectives. In forming an opinion as to the acceptability, the Board will give consideration to such factors as the quantity of subject wastes in relation to flows and velocities in the sewers, the wastewater treatment process employed, capacity of the wastewater treatment plant, and other pertinent factors.

- a. Liquids or vapors having a temperature higher than 65 degrees Celsius (150 degrees Fahrenheit).
- b. Wastewater containing fats, wax, grease, or oils, whether emulsified or not, in excess of a total of one hundred (100) mg/l or containing substances which may solidify or become viscous at temperatures between 0 and 65 degrees Celsius (32 and 150 degrees Fahrenheit).
- c. Garbage that has not been properly shredded. The installation and operation of any garbage grinder equipped with a motor of one (1) horsepower or greater shall be subject to review and approval of the Board.
- d. Waters or wastes containing toxic or poisonous solids, liquids, or gases in sufficient quantity to injure or interfere with any sewage treatment process or the effluent of the Town's sewage treatment facilities. Such toxic substances shall be limited by quantity or concentration to the average concentrations as established in Table 1 or as established to meet the requirements of the State, Federal, or other public agencies or jurisdiction for such discharge to the receiving waters, whichever is lower. At no time shall any substance be discharged as a "slug" as defined herein. If concentrations listed in Table 1 are exceeded, individual establishments will be subject to monitoring and control by the Town in volume and concentration of wastes discharged provided in the Pretreatment Requirements.
- e. Any waters or pollutants containing odor-producing substances exceeding limits which may be established by the Board.
- f. Radioactive wastes or isotopes of half-life or concentrations as may exceed limits established by the Board in compliance with applicable State or Federal regulations.
- g. Quantities of flow or concentrations of any wastewater constituent or both which constitute a "slug" as defined herein.
- h. Boiler blowoffs or sediment traps.

TABLE 1

Maximum Limits of Certain constituents Acceptable in Discharge to Town's
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Facilities	
Constituent Concentration	mg/l
BOD	30
Suspended Solids	350
Dissolved Solids	600
Settleable Solids	20
Ammonia as N	15
Total Nitrogen	25
Boron as Bo	5.0
Cadmium as Cd	0.05
Calcium as Ca	400
Chloride as Cl	500
Chlorine demand	15.0
Chromium as Cr (hexavalent)	0.05
Chromium Cr (total)	0.25
Copper as Cu	0.05
Cyanides as Cn	0.03
Iron as Fe	5.0
Fluoride as F	1.5
Lead as Pb	0.4
Magnesium as Mg	100
Manganese as Mn	5.0
Mercury	Not Detectable
Nickel as Ni	0.5
Phenol as C6H5OH	0.1
Phosphate as P	10
Potassium as K	500
Silver as Ag	0.10
Sulfate as SO4	250
Sulfide as S	1.0
Zinc as Zn	0.5

- i. Waters or wastes containing substances which are not amenable to treatment or reduction by the sewage treatment process employed, or are amendable to treatment only to such a degree that the sewage treatment facility effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.
- j. Any water or pollutant which, by interaction with other water or pollutants in the public sewer system; release obnoxious gases, form suspended solids which interfere with, or create a condition deleterious to the Town's facilities and operation.

- k. Any other materials as determined by the Board to create an adverse impact upon the wastewater facilities.

DEFINITIONS

Unless the context specifically indicates otherwise, the meaning of the terms used in this part of the Thomaston Wastewater Pollution control Program shall be as follows:

"BOARD" shall mean the Board of Selectmen of the Town of Thomaston.

"BOD" (denoting Biochemical Oxygen Demand) shall mean the quantity of oxygen utilized in the biochemical oxidation of organic matter in five (5) day at 20 degrees c, expressed in milligrams per liter as determined by test methods defined in Standard Methods.

"Town Facilities" shall include Town owned or leased structures, conduits, pump stations, wastewater collection, treatment and disposal facilities, and other appurtenances for the purpose of collecting, treating and disposal of domestic and/or industrial wastewater.

"Garbage" shall mean solid wastes from the domestic and commercial preparation, cooking and dispensing of food, and from the handling, storage, and sale of food produce.

"Industrial Wastewaters" shall mean the liquid wastes, including any types of solids, from industrial or commercial manufacturing processes as distinct from sanitary wastewater. Industrial wastewaters may or may not be discharged separately from sanitary wastewaters. For a combined discharge the Board shall determine if the discharge meets the definition of "industrial wastewater".

"Natural Outlet" shall mean any outlet into a watercourse, pond, ditch, lake, or other body of surface water or groundwater.

"Person" shall mean any individual, firm, company, association, public body, society, corporation, group or applicant.

"pH" shall mean the logarithm of the reciprocal of weight of hydrogen ions in grams per liter of solution. It is a method of expressing the acidic or basic strength of a solution and the tendency or ability of that solution to react with other acidic or basic solutions. The pH value may range from 1 (strong acid) to 14 (strong base). Pure water is neutral and has a pH of 7.

"Plant Operator" shall mean the operator of the Town Wastewater facilities.

"Properly shredded Garbage" shall mean the wastes from the preparation, cooking and dispensing of food that have been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than one-half (1/2) inch in any dimension.

"Public Sewer" shall mean a common sanitary sewer serving the general public and owned and controlled by the Town.

"Sanitary Sewer" shall mean a sewer which carries domestic and/or industrial wastewater and to which natural storm, surface, and groundwaters are not intentionally admitted.

"Septage" shall mean the mixture of liquids and solid matters removed from a septic tank during normal cleaning.

"Sewage" shall mean a combination of water carried wastes from residences, business buildings, institutions, and industrial establishments, together with such natural ground, surface and stormwaters as may be present. This term shall be interchangeable with the word "wastewater."

"Shall" is a mandatory; "May" is permissive.

"Slug" shall mean any discharge of water or wastewater in which the concentration of any given constituent or the rate of flow exceeds, for any period of duration longer than fifteen (15) minutes, more than five (5) times the average twenty-four (24) hours concentration, or flow, during normal operation.

"Standard Methods" shall mean Standard methods for the Examination of Water and Wastewater, latest edition, published by the American Public Health Association.

"Storm Drain" (sometimes termed "storm sewer") shall mean a sewer which carries natural storm and surface waters and drainage, but not sewage and industrial wastes, other than unpolluted cooling water.

"Superintendent" shall mean the superintendent of the Town's Pollution control Department.

"Suspended Solids" shall mean solids that either float on the surface of, settle to the bottom of, or are in suspension in water, sewage, or other liquids, and which are defined as non-filterable residue and are determined in accordance with Standard Methods.

"Town" shall mean the Town of Thomaston, Knox County, Maine.

"Watercourse" shall mean a natural or improved channel in which a flow of water occurs, either continuously or intermitently. The terms "waterway" and "swale" shall be considered interchangeable.

"Wastewater Treatment Facilities" shall mean any arrangement of services and structures used for treating sewage.

ADDENDUM SEWER USE RULES & REGULATIONS PRETREATMENT REQUIREMENTS

AUTHORITY

The following regulation is established as provided by the Sewer Ordinance for the Town of Thomaston, Section 901.4.

PRETREATMENT REQUIRED

If any waters or wastes are discharged, or are proposed to be discharged to the public sanitary sewers, which waters contain substances (a) in excess of the limits set forth in Table 1 of this part, or (b) having a daily flow greater than 2 percent of the average daily flow of the Town's treatment facility, the Board shall:

- a. Reject the wastes.
- b. Require pretreatment by the owner or applicant that will result in a discharge to public sewers that does not exceed table 1 and the current EPA industrial categorical limit and will not cause violation of th towns treated wastewater discharge permits.

When the Board requires the pretreatment or equalization of waste flows, the design and installation of the process structures and equipment shall be subject to review fo the codes, ordinances, and laws. Plans, specifications, and any other pertinent information relating to proposed preliminary treatment facilities shall be submitted for review. No construction of such facilities shall be commenced until the review is completed and permission to proceed is obtained in writing.

As a minimum the following pretreatment facilities shall be required:

SOURCE	MINIMUM PRETREATMENT
(A) Any single source that exceeds flow measurement	5% of the average daily flow.
(B) Central food processing facility	Grease interceptor i.e. school kitchen or restaurant.
(C) Car wash	Sand interceptor.
(D) Public laundry	Screen.

TABLE 1

Maximum Limits of Certain constituents Acceptable in Discharge to Town's Facilities	
Constituent Concentration	mg/l
BOD	30
Suspended Solids	350
Dissolved Solids	600
Settleable Solids	20
Ammonia as N	15
Total Nitrogen	25
Boron as Bo	5.0
Cadmium as Cd	0.05
Calcium as Ca	400
Chloride as Cl	500
Chlorine demand	15.0
Chromium as Cr (hexavalent)	0.05
Chromium Cr (total)	0.25
Copper as Cu	0.05
Cyanides as Cn	0.03
Iron as Fe	5.0
Fluoride as F	1.5
Lead as Pb	0.4
Magnesium as Mg	100
Manganese as Mn	5.0
Mercury	Not Detectable
Nickel as Ni	0.5
Phenol as C ₆ H ₅ OH	0.1
Phosphate as P	10
Potassium as K	500
Silver as Ag	0.10
Sulfate as SO ₄	250
Sulfide as S	1.0
Zinc as Zn	0.5

PRETREATMENT DISCHARGE PERMIT

Each wastewater generator that the Board requires to provide pretreatment to its wastewater under Pretreatment Required (b.) of this regulation may be issued a Pretreatment Discharge Permit by the Town. The purpose of the permit shall be protect the operation and equipment of the wastewater facilities from upsets or damage; protect the receiving waters and assure that any by-products of operations are not detrimentally affected. Such permit shall constitute an enforceable control mechanism between the generator and the Town. Such permit shall contain, at a minimum, the following conditions:

- A. Duration not to exceed 5 years;
- B. May not be transferred with town approval;
- C. Sets forth effluent discharge limits;
- D. requires permittee to perform, sampling, self monitoring, reporting, notification and record keeping;
- E. Penalties for non-compliance.
- F. If needed, a schedule for compliance.

PRETREATMENT SYSTEM MAINTENANCE

Where preliminary treatment or flow-equalizing facilities are provided for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner at his expense.

MONITORING EQUIPMENT

When required by the Board, the owner of any property serviced by a building sewer into which industrial wastewaters are discharged shall install suitable control manhole together with such necessary monitoring equipment and other appurtenances to facilitate observation, sampling and measurement of the wastewaters in the building sewer. Such manholes and equipment, when required, shall be safely and accessibly located, and shall be constructed in accordance with plans reviewed by the Superintendent. the manhole shall be installed by the owner at his expense, and shall be maintained by the owner so as to be safe and accessible at all times. the owner shall, if required by the Board, perform flow measurements and analyses of the wastewaters at his expense.

RECORDS REQUIRED

The Board may required a user of sewer services to provide information needed to determine compliance with this ordinance. The requirements may include:

- a. Wastewater discharge peak rate and volume over a specified time period.
- b. Chemical analyses of wastewater performed by a laboratory that satisfactorily participates in the United States Environmental Protection Agency (USEPA) Water Pollution Series of Performance Evaluations.
- c. Information on raw materials, processes, and products affecting wastewater volume and quality.
- d. Quantity and disposition of specific liquid, sludge, oil, solvent, or other materials important to sewer use control.
- e. A plot plan of the user's property showing location of all structures, water lines, storm drainage, sewers and pretreatment facility location, drawn to a scale determined by the Superintendent.

- f. Details of wastewater pretreatment facilities design and construction.
- g. An details of systems to prevent spills or control the losses of materials through spills to the public sewer.

SAMPLING & TESTING

All measurements, tests, and analyses of the characteristics of waters and wastes to which reference is made in this regulation shall be determined in accordance with Standard Methods or equivalent U.S.E.P.A. methods as outlined in 40 CFR, Part 261, October 26, 1985, and shall be determined at the control manhole provided based on suitable samples taken at eh control manhole. In the event that no special manhole has been required, the control manhole shall be considered to be the nearest downstream manhole in the public sewer to the point at which the building sewer is connected. Sampling shall be carried out as outlined in the U.S. E.P.A. Handbook for Sampling and Sample Preservation of Water and Wastewater to reflect the effect of constituents upon the Town's facilities and to determine the existence of hazards to life, limb, and property. (The particular analyses involved will determine whether a twenty-four (24) hour composite of all outfalls of a premise is appropriate or whether a grab sample or samples should be taken.) Normally, but not always, BOD and suspended solids analyses are obtained from twenty-four (24) hour composites of all outfalls, whereas pH's are determined from periodic grab samples. The owner shall submit to the Superintendent on the first of the month the results of any monitoring and testing required by the Board. These records shall be available for review by local, state and federal agencies.

All industries discharging into a public sewer shall perform such monitoring of their discharges as the Board may reasonably require, including installation, use, and maintenance of appropriate sampling and monitoring of the equipment, keeping records and reporting the results of such monitoring to the Superintendent. Such record shall be made available upon request by the Board to other agencies having jurisdiction over discharges to the receiving waters.

GREASE AND SAND INTERCEPTORS

Grease, oil, and sand interceptors shall be provided when, in the opinion of the Board, they are necessary, for the proper handling of liquid wastes containing floatable grease in excessive amounts or any flammable wastes, sand or other harmful ingredients; except that such interceptors shall not be required on services functioning solely for private living quarters or private dwelling units. All interceptors shall be of a type tan capacity approved by the Superintendent, and shall be located as to be readily and easily accessible for cleaning and inspection.

In maintaining these interceptors the owner(s) shall be responsible for the proper removal and disposal by legal and environmentally safe methods of the captured material and shall maintain records of the date, name of hauler, quantity hauled, and means of disposal. Signed copies of these records shall be submitted every 6 months to the Superintendent. Any removal and hauling of the collected materials not performed by owner(s) personnel shall be performed by state licensed waste disposal firms.

NEW DISCHARGE NOTIFICATION

The Board shall require forty-five (45) days notification of any new proposed discharge having a daily flow greater than 2 percent of the average daily flow of the Town's facilities. In addition, a change in volume or character of wastewater greater than twenty (20) percent of the present flow or load, shall require said notification.

UNUSUAL WASTE

No statement contained in this regulation shall be construed as preventing any special agreement or arrangements between the Town and any industrial concern whereby an industrial waste of unusual strength or character may be accepted by the Town for treatment, subject of payment thereof, by the industrial concern, provided that such agreements do not contravene any requirements of existing Federal or State laws and/or regulations promulgated thereunder, and are compatible with any user charge and industrial cost recovery system in effect.

ADDENDUM

SEWER USE RULES & REGULATIONS

SEWER SERVICE CHARGES

AUTHORITY

The following sewer service charges are established as provided by the Sewer Ordinance of the Town of Thomaston, Section 901.4.

SERVICE CHARGES

The Board shall establish from time to time a schedule of service charges, rates and fees upon improved real estate either discharging or having the ability to discharge wastewater to a public sanitary sewer or meeting the requirements of Section 902.1 of the Sewer Ordinance.

The wastewater sewer charges, rates and fees shall be so established as to provide revenue for the following purposes:

- a. To pay the current expenses for operating and maintaining the Pollution Control Department.
- b. To provide for the payment of the interest and retirement of such long term indebtedness as the town has legally entered into for its wastewater treatment and collection facilities and is not paid by other sources.
- c. To provide increased capacity in the Town wastewater facilities for the benefit of future residential and commercial and industrial users.
- d. To provide contributions for such reserve fund, as the Board shall establish.

The Board may establish reserve funds within the Pollution Control Department Budget consisting of the following accounts, by appropriating money or by authorizing the transfer of unencumbered surpluses or fund balances at the end of any fiscal year for the following purposes:

1. Capital improvement account. For financing the acquisition, construction, or reconstruction of a specific, or a type of, capital improvement;
2. Capital equipment account. For financing the acquisition of a specific item or type of capital equipment;
3. Credit reserve account. For providing a reserve which may be applied in periods of financial emergency to assist in continuing the Pollution control Department's normal operation;
4. Sinking fund account. For paying a funded debt. The Sewer System Development Charge (S.S.D.C.) can be used to repay a legally incurred debt by the Town or by the Board;
5. Capital Dedicated Reserve account. Used to help finance increases in the wastewater facilities resulting from the collection of the Sewer System Development Charge (S.S.D.C.)

UNUSUAL WASTE CHARGE

A special sewer service charge shall be imposed for any wastewater generator who, by virtue of the volume, strength or unusual characteristic of their waste alone, would overload or upset the capacity or efficiency of the Town Wastewater facilities or any part thereof if such waste entered the public sewer. The Board, after appropriate study, and advice from the Superintendent, shall establish a special sewer service charge to the generator by separate agreement with said firm. The applicable portions of the

Pollution control Program, as well as the equitable rights of the public shall be basis for such an arrangement.

RATES ASSESSED

Sewer rates shall be assessed by the Board in the following manner:

- a. Residential and commercial sewer charges for active accounts shall be based on water usage as determined by water meter readings and calculated from rates established under this section.
- b. All properties, with buildings that are connected and that have plumbing, whether occupied or unoccupied, shall pay the minimum rate.
- c. Property owners who are serviced by a public sewer and who obtain their water from a private source such as a private well are required to install a metering device that will measure the amount of flow from the private water source. The sewer rate for such owners shall be based upon the metered amount if in excess of the minimum rate. Otherwise the minimum amount will be charged.
- d. All charges pursuant to this section will be billed quarterly or monthly.
- e. All users found, after investigation by the Superintendent to be in violation of Town of Thomaston, Sewer Ordinance, Section 902.14., (discharging unpolluted waters to sanitary sewers) may be charged an additional surtax of 100% of their sewer rate for a minimum period of one year after notice or \$750.00 whichever is greater.
- f. The Board may reduce the rate for users who, at the request of the town, are required to operate a sanitary wastewater pump.
- g. The Board may allow a bypass meter for water not going to the public sewer and authorize appropriate adjustment of charges and fees.
- h. The Board may allow a discount of up to 10% on sewer rates for a public laundromat, provided that:
 - a. clothes driers are available at the location, and
 - b. water meter readings are available for the laundromat alone.

DELINQUENT ACCOUNTS

Delinquent accounts shall be handled as provided by Maine Revised Statues Annotated and as outlined below:

Interest - As authorized by M.R.S.A. Title 30-A Section 3406, the Board may charge interest on delinquent accounts at a rate not to exceed the highest lawful rate set by the Treasurer of State for municipal taxes.

Lien - There shall be a lien on real estate served or benefited by a municipal sewer or sewer disposal system to secure the payment of service rates and charges and interest on delinquent accounts established under this regulation. This lien takes precedence over all other claims on the real estate, excepting only claims for taxes.

Collection - The treasurer of the municipality may collect the service charges and interest on delinquent accounts in the same manner as granted by M.R.S.A. Title 38 section 1208, to treasurers of sanitary sewer districts with reference to rates established and due under M.R.S.A. Title 38 section 1202.

Partial Payments – The town may accept partial payments on sewer accounts and such payments shall always be credited to the oldest outstanding amount on that account. Partial payments may be accepted on liens and this shall not negate the lien.

ADOPTION OF SEWER CHARGES

Prior to the adoption of a new rate, charge and fee schedule, the Board shall hold a public hearing regarding the proposed rate, charges and fee schedule. The Board shall publish the proposed rates, charges and fees and notice of the hearing not less than once in a newspaper having general circulation in Thomaston not less than 7 days prior to the hearing. Prior to the adoption of new sewer rates only, the Board shall mail to each ratepayer a notice of the public hearing and the proposed new rates at least 14 days prior to the hearing. The mailing requirement does not apply to the Sewer System Development Charge or other charges and fees.

DEFINITIONS

The definitions in the Sewer Ordinance shall apply to this document and shall be supplemented by the following terms:

"ACTIVE" account - Any improved real estate discharging or having the ability to discharge wastewater to the public sewer under the rules and regulations of the Thomaston Pollution Control Program.

"BOARD" – Shall mean the selectboard of the *Town of Thomaston*.

"STANDBY" account - Any active account who does not discharge wastewater to the public sewer during an entire calender month/quarter is a standby account for that month/quarter only.

Note: Usually commercial/Industrial accounts are billed monthly; residential accounts are billed quarterly.

**ADDENDUM
SEWER USE RULES & REGULATIONS
SCHEDULE OF SEWER CHARGES AND FEES
EFFECTIVE DATE 1-1-91
AMENDED 8-10-92**

SEWER SERVICE RATES

Residential (active)	\$3.25/100 cu ft
Minimum billing	900 Cu Ft per quarter
Commercial* (active)	\$3.50/100 cu ft
Minimum billing	300 Cu Ft per month
Standby	\$1.62/100 cu ft
Minimum billing	900 Cu Ft per quarter

*includes industrial & institutional

INSPECTION FEES

Inspection fee for new sewers and sewer connections = \$50.00 per hour with a one (1) hour minimum.

MISC. CHARGES

Interest on late accounts	Maximum annual percentage rate permitted by State Treasurer
Lien - filing charge	\$15.00
Lien - discharge charge	\$15.00
30 day lien notice	\$ 5.00

ADDENDUM SEWER USE RULES & REGULATIONS BYPASS METER POLICY

Sewer user fees in Thomaston are based on water usage as measured by the buildings incoming water meter. The readings from that meter are provided to the town by the Camden-Rockland Water Co. The town recognizes that not all water purchased by the user goes to the public sewer. To compensate for this the user may, at their expense, purchase and install a bypass meter on any source of water that does not go into the public sewer. The water that passes through this bypass meter may be deducted from the total water use for sewer billing purposes.

The procedure for installing and using a bypass meter is as follows:

1. The bypass meter can be installed on any water line that does not discharge any portion of its flow to the public sewer.
2. The owner must purchase and install the bypass meter. A list of suppliers is shown below.
3. The owner must notify the Town Office either in writing or by phone (354-6107) that the meter is installed and ready to be used. The CEO will then inspect and approve the installation.
4. At the end of each calendar quarter the owner must submit the readings from the bypass meter to the town.

NOTE: The town will try to send a reminder to the owner each quarter but the reporting responsibility is with the owner and not the town.

5. The town may deduct the bypass water meter reading from the total water used before the sewer bills are calculated.

Sources for bypass meters are as follows:

E.J. Prescott Co., Gardiner, Me; phone no. 582-2006

George Caldwell Co., Stoughton, MA; phone no. 1-800-695-4101.

Both firms will ship meters C.O.D. A 5.8 water meter costs between \$40.00 to \$60.00.

ADDENDUM

SEWER USE RULES & REGULATIONS

SEWER SYSTEM DEVELOPMENT CHARGES

(S.S.D.C.)

AUTHORITY

The following charges are established as provided by the Sewer Ordinance of the Town of Thomaston, 901.5.

INTRODUCTION

Increased residential, commercial and industrial development within the Town of Thomaston has created a need to undertake capital improvements to the existing wastewater facilities to accommodate and treat the increased wastewater flow directly produced and generated by this increased development. These capital improvements have created a cost which is separate and distinct from normal maintenance and upgrading repairs which benefits existing users.

In order to assess these capital improvement costs for increasing capacity fairly and equitably among those creating this demand the Town hereby established a Sewer System Development Charge (S.S.D.C.). The proceeds from this charge are to be applied solely towards the overall capital costs of financing the necessary capital improvements and capital equipment purchases to increase the capacity of the wastewater facilities.

An A.A.D.C. is the new or expanded municipal sewer users proportional cost of increasing the capacity of the wastewater collection, pumping and treatment system which benefits the new or expanded user. This charge is separate and distinct from the physical connection costs, the sewer rate, other sewer fees and any sewer extension costs. The S.S.D.c. is the fee for a sewer connection permit and is a one-time charge.

CHARGE CALCULATIONS

The S.S.D.C., which is the sewer connection permit fee, shall be due any payable by the property owner prior to the issuance of a sewer connection permit for any new or additional expanded construction, renovation or change in use that will be connected to an existing or proposed municipal sanitary sewer. The S.S.D.C. shall also be charged when there is an additional wastewater flow to the collection and treatment facilities resulting from new or expanded construction, renovation or change in use and no new physical sewer connection is involved and there already an existing sewer connection. The S.S.D.C. in this case shall be based on the difference between the existing calculated flows and the proposed calculated flows. The S.S.D.C. shall not apply to a single family living unit that is not changed from a single family living unit by renovation or expansion.

The S.S.D.C. charge shall be established by the Selectmen and shall be based upon the gallons of daily flow of wastewaters projected to be generated by each use as established in design criteria of the Maine Department of Human Services, State Plumbing Code, Subsurface Wastewater Disposal Rules. Residential rates shall be determined by using the minimum flow calculations in the Code except as allowed in the next paragraph. The S.S.D.C. shall be calculated and determined by the Code Enforcement Officer (C.E.O.). The wastewater flow of any use not included in this Code shall be determined by the C.E.O.

Residential dwelling units in which water conserving fixtures, meeting or exceeding the standards below, are permanently installed shall be allowed to reduce the daily flow figure by 1/3 and pay an S.S.D.C. based on the lower figure. Non-residential users may install water conserving fixtures any reduction in the S.S.D.C. will be considered on a case by case basis.

Standards for water conserving fixtures:

Low flush toilets - maximum 1.6 gallons per flush;

Low flow shower heads - maximum 2.5 gallons per minute.

It shall be the responsibility of the applicant to provide proof that proposed fixtures meet these standards.

An applicant applying to expand wastewater generation within an existing residential dwelling unit(s) may claim a credit for converting existing fixtures to water conserving fixtures. In no event shall the credit claim exceed the S.S.D.C.

The S.S.D.C. may not be the only cost the property owner will pay for a connection to the public sewer or for adding additional sewage flow to the sewer system. The Town under the sewer ordinance may assess fees for inspection, connection, sewer extension and others.

PERMIT

Upon approval, the Board of Selectmen shall give the applicant a written permit to enter and connect with the public sewer. This permit is available to the owner of the land described in the application, the owner's heirs and assigns, and shall run with the land. Failure to enter and connect into the public sewer within one year from the date of granting the permit shall result in the expiration of the permit and forfeiture of the permit fee or the S.S.D.C. Renewal of a permit shall be treated as a new application and shall be subject to all of the provisions of this ordinance including the appropriate fees and charges.

The S.S.D.C. may be refunded, upon request of the owner, under the following conditions:

1. No portion of the permit has been used;
2. The permit is still valid as of the date a written request for refund is received;
3. A 20% administrative charge is deducted from any refund.

MUNICIPAL PROPERTY EXEMPT

The S.S.D.C. shall not apply to the treatment of any wastewater flow from property owned by the Town of Thomaston including tax-acquired property. Other tax-exempt properties such as public or private schools or institutions shall be charged an S.S.D.C.

S.S.D.C. FUND

All S.S.D.C. fees collected shall be paid into a special interest bearing Capital Dedication Reserve Account of the Town or into a special sinking fund account for debt service payment as determined by the Selectmen. Accounting practices shall identify the amounts paid in by each person or firm and the amounts expended for system development. Expenditures shall be tracked on a first-paid, first-spent basis. The use of the special capital Dedicated Reserve Account or sinking fund account shall be clearly shown in the Town's annual audit.

Monies collected from the S.S.D.C. shall be used solely to finance increases in the wastewater facilities capacity including but not limited to the following:

- a. Enlargement, upgrading, and rehabilitation of the wastewater treatment plant or equipment or elements thereof;
- b. Construction or upgrading of pumping stations to increase wastewater system capacity;
- c. Reconnection or enlargement of existing sewer lines or storm drains which removes unpolluted water from the sanitary sewer;
- d. Construction of new sanitary sewers to replace existing sewer lines when unpolluted water is removed in the project;
- e. Debt service payments for any loans, bonds, notes or other evidence of indebtedness legally incurred by Town meeting vote or by the Board of Selectmen for the purpose of increasing the capacity of the Town Wastewater facilities.

The funds may not be used to finance routine maintenance and repair activities or other expenses solely related to operation of the wastewater system.

Any S.S.D.c., or portion thereof, paid into the fund, if not expended within ten (ten) years of payment shall be refunded with interest to the person or firm who paid the fee or his successor in interest.

SCHEDULE OF CHARGES

The S.S.D.C. shall be based on the Town of Thomaston, Sewer System Evaluation Report, done by Wright-Pierce Engineers and dated June 1990. table 9 of this report is a prioritized list of twenty-two (22) recommended sewer system improvements projects. The total estimated cost (in 1990 dollars) is \$5,978,750 and the total estimated removable peak instantaneous flow is 1,837,274 gallons. The average cost per gallon of clean water removed is \$3.25. Based on normal removal ratio of 5 to 1 require by DEP in other communities (the 10 to ratio require in the Consent Agreement expires October 1992) a gallon of capacity in Thomaston's wastewater facilities will cost \$16.25 in 1990 dollars. An allowance of 5% per year has been added to cover normal construction cost increases in future years.

YEAR	S.S.D.C. (per gallon)
1990	4.00
1991	4.20
1992	4.40
1993	4.65
1994	4.85

TOWN OF THOMASTON SEWER MONITORING PROGRAM SEWER USE VIOLATION MONITORING PLAN

AUTHORITY

The following plan is established as provided by the Sewer Ordinance of the Town of Thomaston, Section 901.4.

INTRODUCTION

A significant portion of the total I & I reaching the Wastewater Treatment Plant comes from the private portion of the collection system. Some of this is intentional such as sump pumps, and some of it is unintentional such as groundwater leaking into building sewers. For many years this private I & I was overlooked for two reasons: first, it was not believed by many people to be as large a portion of the problem as it is, and second, it was believed that little or nothing could be done about it. Today, however, both of these may have been dispelled.

Thomaston's sewer Ordinance prohibits any source of unpolluted water from being connected to the sanitary sewer. No sump pumps, roof drains, cellar drains, foundation drains or any other unpolluted waters are permitted. This is fairly easy to control with a new building. However, just as the town has to upgrade its public sewers, so the private owners must look at their situation and assert that they are also in compliance with the Sewer Ordinance. Just because a building has been connected to the sewer for many years does not exempt them from compliance.

This plan outlines a step by step program to bring as may sewer users as possible into full compliance with the Sewer Ordinance. Just because a building has been connected to the sewer for many years does not exempt them from compliance.

This plan outlines a step by step program to bring as may sewer users as possible into full compliance with the Sewer Ordinance and to try to do this by working with people and not against them.

1990-1992 RECONSTRUCTION

Each structure generating wastewater and adjoining a section of the sewer scheduled for reconstruction as shown on the map entitled "Preliminary Plan Thomaston Sewer Replacement" as prepared by T. Y. Lin Consulting Engineers of Falmouth, shall be inspected by the C.E.O. or his agent. This inspection shall, as a minimum, determine the following:

- . location of existing building drain and building sewer;
- . location of proposed building sewer;
- . necessary basement elevations;
- . if the structure is in violation of the Sewer Ordinance (Section 902.14 polluted Waters).

Prior to any visit, a letter with similar format to the one shown as Appendix A of the plan shall be sent to each structure owner. The written record of the inspection shall be forwarded to the engineers designing the project. Provision shall be made to handle unpolluted water in the design stage in the order shown below:

- . if possible a new sanitary sewer and sanitary building sewer shall be provided so that the existing building sewer may remain as a storm drain. This new sanitary building sewer should enter the basement several feet above the basement floor to prevent its use as a basement drain;
- . or, if the existing sewer cannot be converted to a storm drain then a new separate storm drain should also be installed to each building and connected to an existing storm sewer or ditch or natural watercourse.

In any event, esigned construction shall ensure that only sanitary wastewater enters the sanitary sewer and that unpolluted water has an acceptable outlet from each building directly effected by the construction project.

When the house sewer is being installed it shall be inspected by the C.E.O. as provided by Section 902.9 of the Sewer Ordinance. This inspection shall ensure that all portions of the Sewer Ordinance are complied with including Section 902.14 unpolluted water. A copy of the form used for approving the installation is shown as Appendix C. This is the same form used for approval to reconnect. On the back of this form a sketch will be made, with ties, of the new house service line.

NON-RECONSTRUCTION SURVEY

The work outlined in this section shall be substantially completed by the end of 1992. The C.E.O. shall prepare a list of all structures meeting the following criteria:

. The structure can generate wastewater; . the structure is connected to the public sewer in Thomaston (including East Thomaston). . The building sewer is not scheduled for replacement under the 1990-1992 reconstruction as described in 1990-1992 Reconstruction of this plan,

Each structure on this list shall be inspected by the C.E.O. or his agent during periods of maximum groundwater levels. This is approximately March through May in the spring.

Prior to inspection a notice shall be sent to each owner and/or tenant of similar format to the one shown in Appendix D. This inspection shall determine if the structure is in compliance (or not in compliance) with Section 902.14 of the Sewer Ordinance. As a minimum, the inspection shall determine if the structure has any; sump pumps, roof runoff, cellar drainage or other unpolluted water connected to th public sanitary sewer. A written record of each inspection shall be made on a form such as shown in Appendix E. information on foundation drains should be gathered if possible, but they cannot be removed until the town replaces the building sewer.

The C.E.O. shall notify the owner of any structure found to be in violation of the Sewer Ordinance in writing within 10 working days of the inspection. The format shall be similar to the model in Appendix E. Each situation shall be followed up until compliance with the Sewer Ordinance is obtained.

NEW CONNECTION INSPECTION

Each new structure before connecting to the public sewer must make out an Application for Sanitary Sewer Connection Permit. Once this is approved and the building sewer is installed, the line and the connection to the public sewer must be inspected by the C.E.O. to record the inspection. There is also space to note here that a check of the structure has been made to insure compliance with Section 902.14 Unpolluted Water. The back of this form is also used to make a sketch with ties of the location of the new house sewer. Should part of the plumbing not be complete at the time of inspection the C.E.O. shall revisit the site at a later date to check for compliance with the Sewer Ordinance.

LONG TERM MONITORING

In the spring of each year thereafter, during the wettest time of the year, a portion of the sanitary collection system should be inspected by TV cameras. It is suggested that several thousand feet be televised each year. This way the whole system could be looked at each five or six years. This inspection is for two purposes. First to ensure that the private property excess water removal plan is being adhered to, and second to check the main sewer lines for leaks, broken pipes, and other problems.

Because part of the reason for televising is to inspect the main sewer pipe itself, it would make more sense to start this work on the sections of sewer not replaced in the Capital Improvement Program.

Since the major objective of this program is to remove excess water, not charge people a surcharge for it, a warning letter should be sent to anyone found to be in violation. A suggested form is shown in letter F. Anyone who does not correct the problem in the allowed time, however, will have the added charge. Even if the problem is corrected immediately after the surcharge is added, it must be paid for a full year. If the problem is not corrected by the time of the next inspection, the surcharge will continue for another year.

TOWN OF THOMASTON SEWER MONITORING PROGRAM SANITARY SEWER OPERATIONS PLAN

AUTHORITY

The following plan is established as provided by the Sewer Ordinance of the Town of Thomaston, Section 901.4.

INTRODUCTION & GOALS

In order to protect the substantial investment the Town has made in a modern wastewater collection system and to keep the system in a condition whereby it will meet the goals outlined below, this operational plan has been established for the maintenance and management of the Town's sanitary sewer system. The function of this collection system is to collect, contain and transport wastewater to a point of treatment. The goals of this plan are:

- Prevent public health hazards;
- Protect the Town's investment by maximizing the useful life and capacity of the system;
- Prevent unnecessary damage;
- Convey wastewater with minimum inflow, infiltration and exfiltration;
- Perform all activities safely and avoid injury.

OPERATIONAL CONTROL

The Town of Thomaston operates three drainage systems for the benefits of its citizens:

SYSTEM	PURPOSE
SANITARY	Collect and convey to treatment polluted wastewater.
CLEAN WATER	Convey cellar drains, sump pump discharge and other clean water from building to receiving waters.
STORM WATER	Collect and convey rainwater from streets to receiving waters.

NOTE: MDOT is responsible for State highways storm water.

The Pollution Control Department (PCD) shall be responsible for operation and maintenance of the sanitary sewers and shall work with the Public Works Department (PWD) as outlined in sections below. PWD shall be completely responsible for all clean water drains and all storm drains except for those owned by MDOT.

PCD RESPONSIBILITY

PCD shall be solely responsible for:

- Keeping the sanitary sewer mapping up-to-date and seeing to it that current copies of overall plans are available at both the Town Office and the PWD Office.

- Arranging for all planning, design and construction (with the approval of the Board) of all major repairs, replacements and extensions to the sanitary sewer system.

NOTE: consideration shall be given to using the PWD for construction work.

- Providing video inspection and smoke testing as needed to check condition of lines, leakage problems, problem areas or other reasons.
- Monitoring flows as needed to check for infiltration or illegal sewer use.

PWD RESPONSIBILITY

PWD shall be solely responsible for:

- Emergency calls such as plugs sewers, holes in pavement and calls from sewer users.

JOINT RESPONSIBILITY

PWD and PCD shall work together in the following areas:

- Regular inspection and maintenance PCD shall coordinate inspections with PWD and the regular annual maintenance program shall be agreed to by both Departments before budgets are approved. Performance of the regular maintenance shall be done by PWD with assistance from PCD.
- Policies covering public relations shall be developed by PCD (with approval from PWD and the board) and administered by both departments.
- A system for record keeping shall be set up by the PCD and both departments shall follow this system. Data shall be assembled by PCD with regular summaries made available to PWD.
- Training shall be coordinated between both departments with the goal of having all personnel involved in sewer work trained. All personnel shall be certified for the work they perform.
- Minor repairs and improvements to the sanitary sewer system such as rebuilding manhole tops, repairing manhole channels and patching around manholes. PWD shall perform such work if possible.

FUNDING

Funding for the operation and maintenance of the sanitary sewer system shall be paid for by PCD for items that are listed herein that are PCD's responsibility and by PWD for items contained herein that are PWD's responsibility. Funding for major sewer line replacement or extension may come from other sources (i.e.: grants, loans, etc.) if approved by the Town. Items contained herein that are under joint responsibility will be paid for by the Department performing the work. The two departments will be responsible for coordinating the planning and scheduling in sufficient time to include necessary funds in their respective annual budgets.

In the event the two departments cannot agree on responsibility the Town manager shall resolve the questions.