

Board of Finance
Regular Meeting Minutes

Wednesday, January 08, 2020

Present: Chairman Ronald R. Fedor, Mark Geer, John Sheehan, Kevin Petchark,
Kevin Reardon.

Absent: Glenn Patterson

Elected: Robert J. Brule, First Selectman

RTM: Thomas Dembek, Susan Driscoll

Staff: Chief Brett Mahoney, Neftali Soto, Chief Engineer and Director of the Utility
Commission, Maryellen McConnell, Secretary

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TOWN OF DEERFIELD
2020 JAN -9 PM 2:37

1. Establishment of a quorum and call to order:
A quorum was established and a call to order was established at 7:03pm,
January 8, 2020.
2. Public comment: no public comment
3. Approval and acceptance of minutes:
 - a. Regular Meeting Minutes from December 11, 2019.

Motion by Bill Sheehan and **seconded** by Mark Geer to approve the motion.

Vote: Unanimous

Motion: passed

4. Consider and act on the approval of the Board of Selectmen for an appropriation in the amount of \$25,000 from the Capital and Non-recurring Expenditure Fund designated line #20547-57790 (Town Wide WiFi) – Library and Police Station, and will be forwarded to the Representative Town Meeting as required.

Motion by Bill Sheehan and **seconded** by Mark Geer to approve the motion.

Vote: Unanimous

Motion passed.

5. Consider and act on the approval of the Board of Selectmen for an appropriation in the amount of \$21,200 from the Capital and Non-recurring Expenditure Fund designated line #20547-57809 Core Switches and Blades, and will be forwarded to the Representative Town Meeting as required.

Motion by Bill Sheehan and **seconded** by Mark Geer to approve the Motion.

Vote: Unanimous

Motion passed.

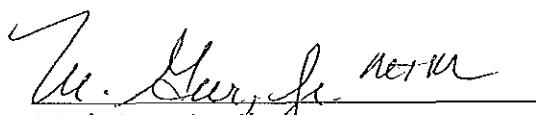
6. Presentation by Neftali Soto, Chief Engineer and Director of the Waterford Utility Commission on the status of the sewer and water system. A summary is included as an enclosure to the minutes
7. Old Business: no old business
8. New Business:
 - a) There will be a special meeting of the Board of Finance on January 21, 2020, directly after the Board of Selectmen to fill the vacancy created by the resignation of Jim Reid and to vote the election of Tali Maidelis to the Board of Finance.
 - b) To consider and to act on a Proposal from the First Selectman as executed by the Town Attorney Rob Avena for the purchase of property in Ridgewood Park.
9. Liaison Reports: No liaison reports at this time.
10. Correspondence:
11. Adjournment

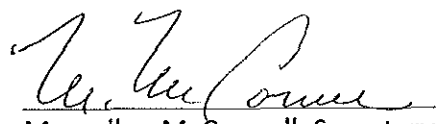
Motion by Kevin Reardon and **seconded** by Mark Geer to adjourn the Regular Meeting of the Board of Finance at 8:23 p.m.

Vote: Unanimous

Motion passed.

Respectfully submitted,


Mark Geer, Jr., Clerk


Maryellen McConnell, Secretary



Waterford Utility Commission

Presentation to Board of Finance
January 8 - 2020

Legislation

- **Federal** – EPA Clean Water Act - 1972
- **State** – Legislation empowering municipalities to create WPCAs. Special Act No. 172 of 1963 & Chapter 103, Sec. 7-246 of the Conn. Gen. Statutes.
- **Local** – Power & duties - Town Charter 4.1 and Chapter 2.84 of the Town of Waterford Code of Ordinances.

State Regulators

- **Wastewater** – Conn. Dept. of Energy & Environmental Protection – Municipal Wastewater Section
- **Water** – Conn. Dept. of Public Health – Drinking Water Section

Commission and Staff

- **Commission** - Five [Waterford residents] volunteers appointed by RTM for four-year terms.
- **Staff** – Administration (2), Clerical (3), Mapping & Inspection (2), Infrastructure Operations & Maintenance (6)

Main Infrastructure Components (1) (Wastewater)

- 28 Pumping Stations
- Over 145 miles of sewer pipes
 - Over 3,500 manholes
- 107 individual grinder pumps

Main Infrastructure Components (2) (Water)

- Three (3) storage tanks*
- Three (3) pressure booster pump stations
- Over 146 miles of water mains

* - There are three storage tanks that are owned by NL, but located in Waterford

Funding

- **Capital** – Capital projects are funded under the Town's capital improvements program. (water & wastewater).
- **Annual O&M** – annual operational & maintenance expenditures for sewers are funded by the ratepayers (sewer bills) (\$3.66M budget) Water is billed by New London.. **As a result of operational efficiencies, there has been no sewer rates increase for the past ten (10) years.**

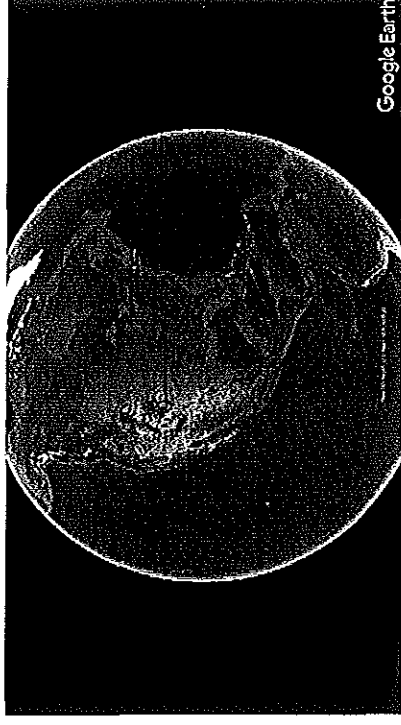
Inter-Municipal Agreements (1)

- **Wastewater** –
 - Tri-town (NL/Wtfd/EL) with the terms, conditions, and responsibilities for the discharge into the New London WWTP. Exp. Jan. 2021
 - Waterford and East Lyme Agreement - with the terms, conditions, and responsibilities for the use of Waterford infrastructure to transport sewage from EL to the NL WWTP. Exp. Jan. 2021

Inter-Municipal Agreements (2)

- **Water –**
 - Inter-local agreement [Waterford/New London] with the terms, conditions, and responsibilities for the provision of water in Waterford from NL. Exp. July 2028
 - Thames River Interconnection - with the terms, conditions, and responsibilities for the emergency provision of water in Waterford from Groton. (Wat/NL/Grot./Mont./Norw./Ledy)

Our Infrastructure

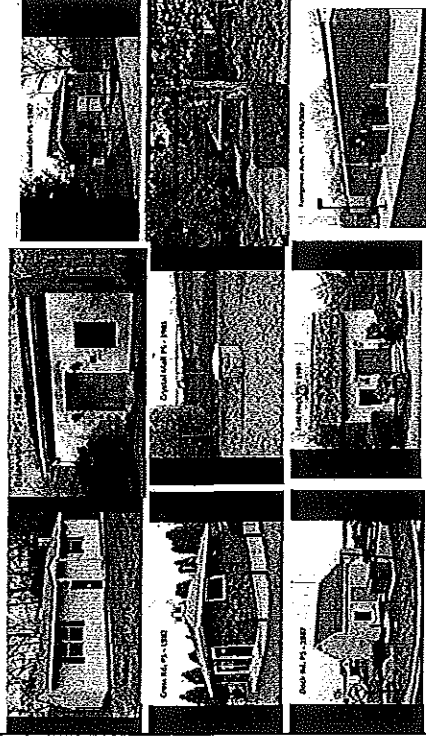


Our Infrastructure

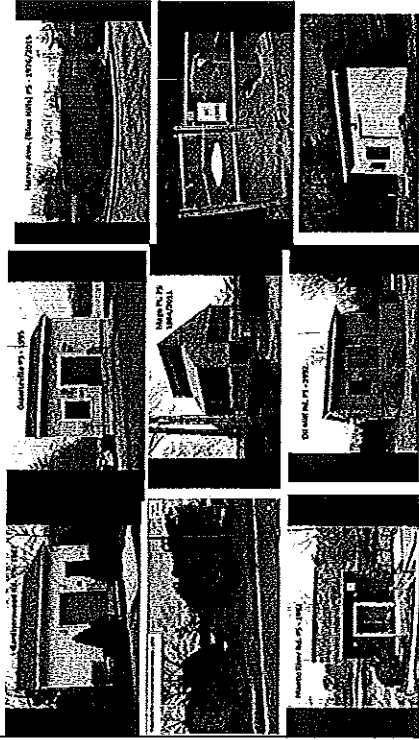
www.youtube.com/watch?v=nwxYf3ZSDY8

10-minutes video showing the location of wastewater pumping stations, water booster stations, water storage tanks, and water & wastewater treatment plants.

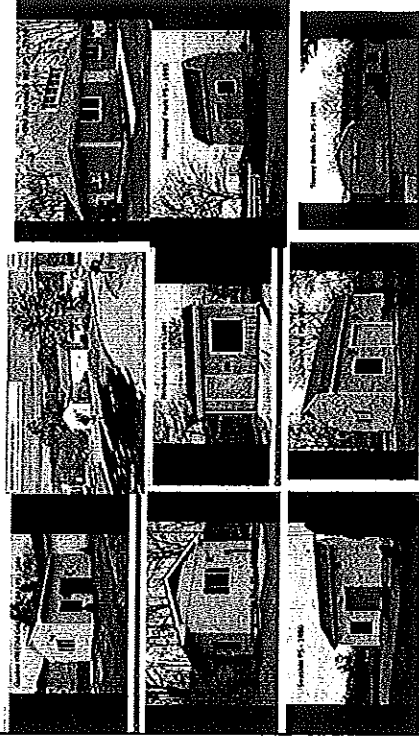
Our WW pump stations & pressure boosters



Our WW pumping stations



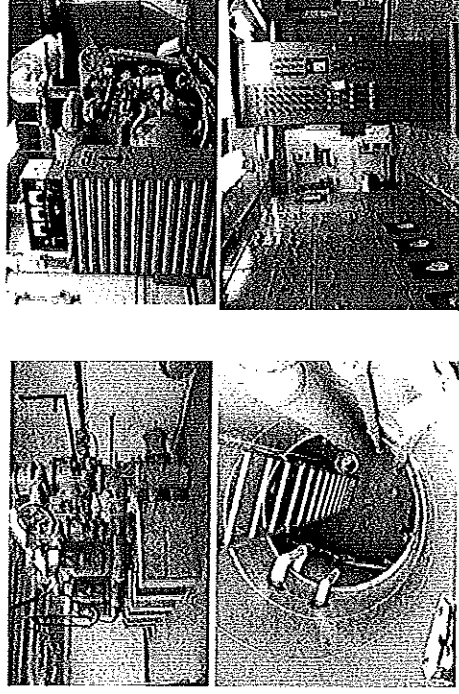
Our WW pumping stations



Our WW pump stations



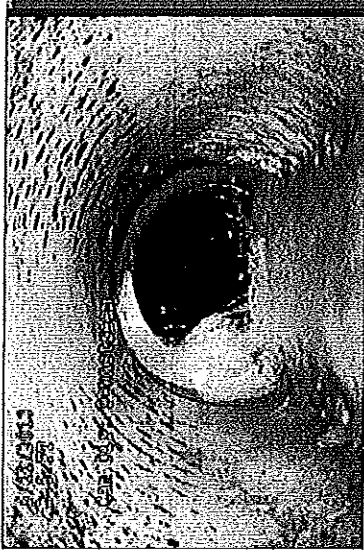
Pumping stations - Components



Inflow & Infiltration (I/I)



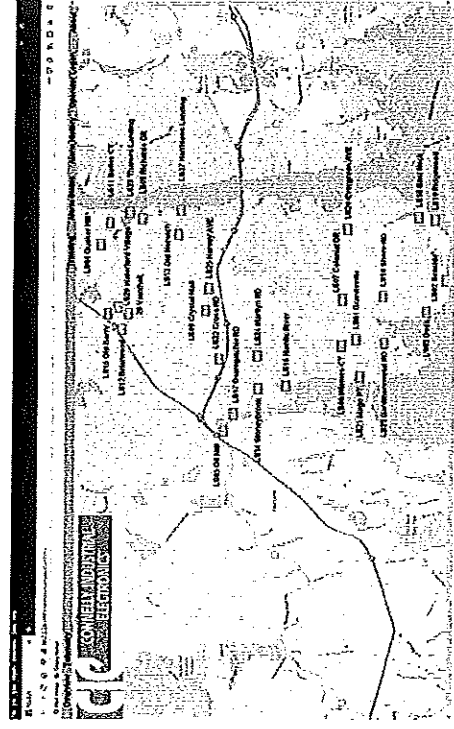
Inflow & Infiltration (I/I)



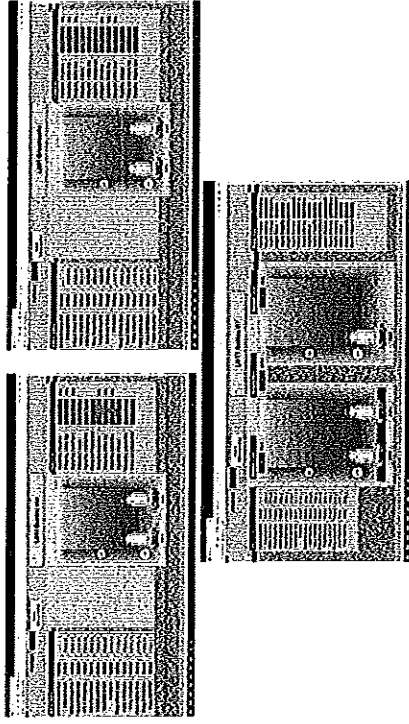
Inflow & Infiltration (I/I)

- Sealing of leaky pipes
– <https://youtu.be/PQTIXBzLk04>
- Sealing of leaky manholes
– <https://youtu.be/eoSFaGbdYrA>

SCADA



SCADA



Infrastructure Rehab History

- Vauxhall St. tank – 2003 (\$270K)
- Industrial Drive & Dayton Pl. pressure boosters. 2014. \$990K for both.
- Overhaul of the Evergreen Ave. PS. Completed 2005- 2007. Cost -\$2.38M.
- Overhaul of Harvey Ave. PS. 2015 Cost-\$1.3M
- Overhaul of Mago Pt. PS. Built 2011. Cost-\$740K.
- Overhaul Bolles Ct. PS – 2014. Cost \$920K.
- Planned for 2020 – Overhaul of Old Norwich Rd. PS. Est. Cost \$1.05M

END

How Waterford Funds Out-Year Wastewater System Capital Needs?

- The Utility Commission has developed a structured financial and funding schedule to implement this Capital Improvements Plan.

Funding Sources -

- Current Year Capital / Capital Non Recurring
- State Clean Water Fund Loans
- Appropriations from CNR Undesignated Fund Balance/Projects
- General Obligation Bonds

We need the full support of the BOS, BOF, and RTM.