



# Sewer Use & Connection By-law



Public Works, Triton Engineering, Building & By-law, C.A.O. Clerk's Departments

January 2017



# BACKGROUND

- Harriston Lagoon System design for  $\pm 2,400 \text{ m}^3$  per day. Average daily flow  $< 1700 \text{ m}^3$ . Reserve capacity  $\pm 700 \text{ m}^3$  per day. Serves  $\pm 2,010$  people; 760 households.
- Clifford Lagoon System design for  $\pm 500 \text{ m}^3$  per day. Average daily flow  $< 330 \text{ m}^3$ . Reserve capacity  $\pm 170 \text{ m}^3$  per day. Serves  $\pm 760$  people; 310 households.
- Palmerston Treatment Plant design for  $\pm 2,010 \text{ m}^3$  per day. Average daily flow  $< 1425 \text{ m}^3$ . Reserve capacity  $\pm 585 \text{ m}^3$  per day. Serves  $\pm 2,720$  people; 1025 households.

# LEGAL AUTHORITY

- Municipal Act 2001 s11,s80-87, Part III, Part XIV
  - within the “Public Utilities” sphere of jurisdiction which includes sewage treatment, collection of sanitary sewage
  - Entry on private lands for sewage facilities
  - Enforcement of municipal bylaws and other requirements





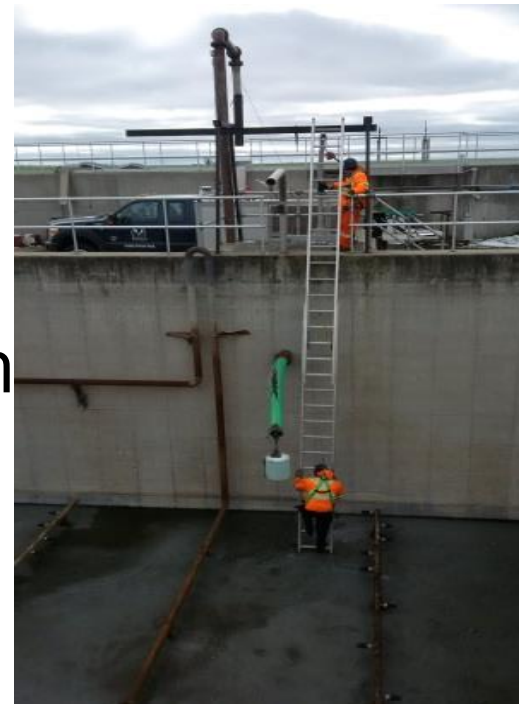
# Part 1: Definitions

- Combined sewer - for sanitary waste & stormwater
- Pretreatment - a facility designed to remove material from wastewater to comply with bylaw effluent levels
- Private Sewer Connection - drains or pipe within property limits leading to municipal sewer connection
- Spill - discharge into wastewater works, storm sewer or environment abnormal in quantity or quality



# PART 2: Stormwater

- Public Works Director must approve all flow across public lands
- Private stormwater drainage facilities must be maintained in good order
- Cannot discharge on to public land anything that impacts on public drainage works (excess flow, high temperature, chemical or biological hazards)



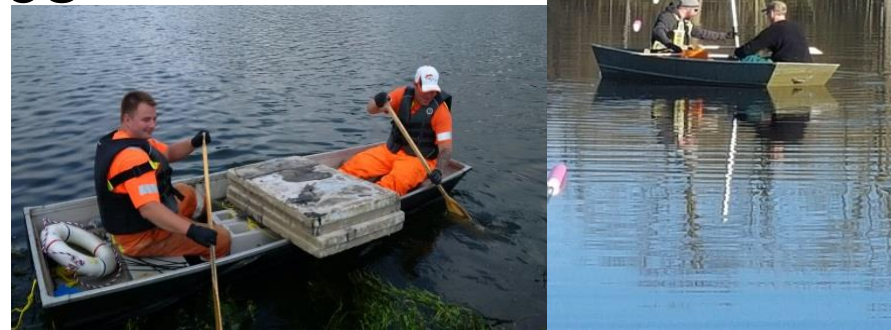
# PART 3: Sanitary Sewers

- Allow only domestic wastewater or other waste water meeting bylaw into Town sewers
- Cannot discharge into Town sewers anything that impacts on operation (excess flow, high temperature, chemical or biological hazards)



# PART 4 COMBINED SEWERS

- Combined storm and sanitary sewers not allowed if trunk and outlet are adequate
- If combined sewer cannot be separated then discharge must meet rules for both
- Town encourages reduction of combined services through infrastructure upgrades
- Use enforcement, incentives





## PART 5: DILUTION

- Cannot dilute discharge into a storm sewer, sanitary sewer or combined sewer to meet bylaw

## PART 6: SAMPLING

- Allows for collecting samples to assess compliance
- Can sample separate sources
- Sets standard for sampling MOEE protocol







## PART 7: SELF MONITORING

- Town can require user to conduct sampling and provide the results at the users sole expense

## PART 8: ADDITIONAL STUFF

- Food or Vehicle Oil/Grease Interceptors, Sediment Interceptors, Pre-treatment Facilities to be installed and maintained right, keep records, supply to Town
- Extra Strength Surcharge agreement may be signed with Town to temporarily bylaw
- Dental Amalgam Separators



## PART 9: NO ALTERNATE WATER SOURCE

- Only municipal water discharged into a sewer unless Town approved; no pool water which also cannot be placed over a hill or onto adjoining lands
- Pools and spas may evaporate on private property

## PART 10 SPILLS

- Immediate danger report Spills Action Centre
- Report to Director and Landowner
- Detailed report to Town within 5 days
- Town recover costs for spill involvement





# PART 11: TOWN INVESTIGATE

- Can investigate as needed to meet bylaw
- Place testing equipment on private systems
- Sample effluent from any source
- Inspect chemicals on a property including MSDS sheets and other records
- Collect information from any person on a matter related to a discharge
- An offence to hinder or prevent investigation



## PART 12: SEWER CONSTRUCTION

- All connections Town approved and meet Provincial or other agency standard
- Town may disconnect where wastewater is hazardous, causes adverse effect or dangerous
- Can also disconnect rainwater but must provide five days written notice
- Can recover costs for disconnection
- Owners must maintain private sewer and if not Town can do so and charge cost to owners





## PART 12: CONTINUED

- No work on Town property on a sewer without a contract; must meet Town and Provincial rules
- Sewer connections approved by CBO according to the Ontario Building Code
- Connection to sewer is mandatory where it is nearby (same as water); notice requirements also the same as water
- May require any number of sewer connections
- Mandatory connection wellhead protection area



## PART 13: GENERAL

- Enforced by Town bylaw officers; not lawful to interfere with enforcement
- Sewage works cannot be tampered with or broken and testing and flow devices preserved
- No person can enter any part of the sewage system without approval (manhole, plant)
- Damage from non complying discharge is responsibility of owner
- Validity and Severability section of bylaw



## PART 14 INFORMATION

- Information collected complies with MFIPPA

## PART 15 MONITORING ACCESS

- May require multiple monitoring access points
- Access points required to be close to lot line

## PART 16 COMPLIANCE PROGRAMS

- Industry can ask for program to comply
- Terms on program length, termination, agreements, failure to comply



## PART 17: OFFENCES, PENALTY

- Individual first offence up to \$10,000 and up to \$25,000 each subsequent
- Corporation first offence up to \$50,00 and up to \$100,000 each subsequent
- Can charge offence (issue ticket) in Schedule B

## PART 18: REPEALS

- Repeals all previous bylaws on this subject





# SCHEDULES & QUESTIONS

- Schedule A is list of prohibited chemicals
- Schedule B is set fine for offences listed

Thank you to staff team that worked on the bylaw;  
a lot time and effort to get a bylaw consistent with  
current Town practice

Questions/Comments

