



## VILLAGE OF POINT EDWARD

SUBMITTED BY: Jason Verstraeten, Manager of Environmental Services

### Water/Wastewater Treatment Plant Committee for the month ending December 31, 2020

#### RECOMMENDATION

THAT the Committee receive and file the Water/Wastewater Treatment Plant Committee Monthly Report.

#### UPDATES FROM PREVIOUS MONTH

- Digester Project is on hold until project planning can be put in place, reviewed by engineers and for technical / weather reasons. There has been multiple meetings and discussions on the status and direction the project is moving. The Grant has been extended to September 30, 2024. CAO to confirm dates from received documents on extension.
- Roof work will be done after digester 1 & 2 are completed.
- Private fire hydrants & valves – CAO & MES will be reviewing the documents that have been gathered and look at alternative options
- By-law amendments and review – CAO & MES are working to revise the water & wastewater by-laws
- SCADA project – Keystone has not provided the MES with the solutions to add a device that will allow staff to remotely connect after it was found that the I-pads used with MESH will not work as planned with the SCADA. Keystone now has new employees on staff which will need to become familiar with this project and resolve the issues that were not resolved with previous Keystone staff

#### WORK MANAGEMENT

##### Staff

- 4 FTE compliment this month. No staffing related matters to discuss currently.
- Staffing is currently following the Village of Point Edward staffing structures based on COVID 19 planning and policy procedures due to lockdown status.

##### Training

- All staff will be doing the required training to maintain and/or gain higher level certification. At this time the department will be trying to do all training online or correspondence to avoid contact with outside community personnel

##### Certifications

- All staff certifications are valid and up to date.



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### TREATMENT PLANT

#### Interior

- Plant maintenance is being completed through Mesh work order system. The plant will be undergoing routine maintenance and general housekeeping work this year. New major deficiencies that have been identified are:
- The Digester heat exchanger has failed due to internal structure deficiencies. The metal has deteriorated between the water / sludge sections. The unit has been removed and is in the process of having repairs/testing attempted to pass certification. This will be the second major failure since the unit was installed in approx. 2014. This will be a temporary fix as there are other internal areas that are showing signs of premature fatigue. MES is working to get a new unit quoted to replace the older unit.
- There was a failure on the north clarifier travelling chain sweeps. It has been drained and repairs and adjustments made with no significant cost incurred.
- Update on the basement water issues, mold issues and access egress issues in the plant office buildings are being forwarded to committee/council. Quotes have been received for planning and budget purposes.

#### Exterior

- Regular plant painting & maintenance will continue to keep the appearance of the facility above the expectations of the Village. There have been no new major deficiencies identified this month
- Repairs to stop the water leaking into the plant MES office from the upper wall & ceiling. This will need to wait until the digester repairs are complete to ensure proper work is completed. This scope of work will also depend on other future projects that are tabled for further discussion

#### Inspections

- All required inspections have been completed and or scheduled.

### WASTEWATER INFRASTRUCTURE

- All the remote assets are in good operational condition to the best of the MES knowledge.
- Station cleaning is required but was held off due to COVID capital and operational budget restraints. This is planned for early 2021.
- Known or planned repairs/ upgrades not already budgeted for will be tracked and brought forward in the annual Capital budget presented by the MES unless an emergency repair is required to be done immediately for compliance or public safety. These will be brought forward based on the situation at the time.



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### CLEAN WATER INFRASTRUCTURE

- Hydrant markers are all installed for the winter months.
- We have had a few areas where someone has been removing hydrant caps and removing the marker on a couple hydrant markers. MES is concerned with this due to the possibility of hazards being potentially placed in the hydrant which could harm staff and fire personnel. The problem seems to be isolated to Venetian Blvd at this time so I would like to get locking devices for the approx. 10-12 hydrants. MES is getting quotes. Discussion with the PEFD will take place to discuss the safety concerns related to this.

### STORM WATER INFRASTRUCTURE

- A leak was discovered at the east side of the pump building. The area was excavated, and a pipe joint failure was discovered. The HDPE pipe flange joint has failed and will require a significant repair to be done to correct. This repair will require the installation of a new 48" stainless steel elbow and specialized HDPE pipe coupling repairs to reconnect to the elbow and pipe. The CAO has been involved with the progress on this and the approval to Rock Technical was given to start the manufacture of the 48" elbow. A site meet has been requested with all contractors involved to plan and ensure project is done as smoothly as possible.

### INSPECTIONS, AUDITS & REPORTS

- All Annual reporting has been submitted as required.

### VEHICLES & EQUIPMENT

- Equipment and Vehicles are in good & safe working operational condition.

### HEALTH & SAFETY

- Please see the attached H&S reports submitted. All matters listed or carried forward are being addressed with JHSC and or committee/council

### SECURITY

- No issue or concerns to report



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### CAPITAL BUDGET

- The 2021 Capital and Operating budget has been prepared & adjusted and will be presented to council in Jan 2021

### COMMUNITY FEEDBACK

- No feedback to report

### UPCOMING EVENTS

- No upcoming events to report

### CLOSING COMMENTS

- N/A