

WEST CORNWALL TOWNSHIP MUNICIPAL AUTHORITY  
MINE ROAD PUBLIC SEWERAGE PROJECT  
SOUND MANAGEMENT PRACTICES

West Cornwall Township Municipal Authority (WCTMA) has operated a public sewage collection system for 16 years which now 374 residential customers in the Village of Quentin and surrounding suburbs; and 24 residential customers and 1 commercial customer in the Stoberdale area of the township. WCTMA does not own nor operate any pumping stations nor treatment plants – as such, it has no need for a full time sewer operator. Rather, the WCTMA currently hires out to contract operations on an as-needed basis.

The Mine Road Sewer Project will incorporate a distinctly new geographical region of West Cornwall Township and will include a pumping station which will require WCTMA to hire a full-time operator to be responsible for handling the pumping station. The pumping station will require daily monitoring, but not for a full time 8 hour work day. Rather, the operator will need to inspect the pumping station on a daily basis to assure proper operation. This may require only 30 minutes per day. Periodically, however, the operator will need to perform additional routine preventative maintenance requiring expenditure of more time.

The following is a scope of work and list of tasks for the WCTMA operator.

- Inspect pumping station, or verify proper operation, on a daily basis.
- Monitor build up of oils and greases in the pumping station and schedule suction cleaning and power washing on an as needed basis.
- Inspect pumps at least monthly to verify wear parts and belts are in good condition.
- Perform regular lubrication of pumps, valves and other moving parts.
- Monitor the pump flow meter and the motor hour meter and log results and prepare reports on the operation of the pumps.
- Exercise valves in the pumping station and on the force main on a periodic basis, normally twice per year minimum.
- Schedule flushing of the gravity collection system and the force main every three years.
- Schedule annual calibration of the flow meter.
- Run the back up generator system at least once per month.
- Monitor fuel levels in the above ground storage tank for the back up generator.
- Respond to emergency calls from the pumping station computerized monitoring system.
- Prepare DEP's required annual Chapter 94 Report and supply information to Authority manager.
- Assist Authority manager in responding to customer requests for service and or complaints.