



Wastewater Treatment Services

THE MUNICIPAL WASTEWATER TREATMENT industry has more than 4,000 facilities nationwide. These plants discharge approximately 20 billion gallons of treated water per day.

Wastewater treatment plants (WWTP) are designed to remove pollutants that generally originate from domestic sources. However, it is common for commercial and industrial facilities to discharge their wastes to the municipal collection system. Waste streams from industrial and/or commercial facilities frequently contain pollutants that pass through the receiving stream. These pollutants can interfere with the operation of the WWTP or contaminate the bio-solids produced by the WWTP.

In days of old, it was common to simply monitor the influent and effluent streams on a quarterly or monthly basis; however, those days are gone. This information no longer generates sufficient analytical data for routine operations. Therefore, the WWTP operator must constantly evaluate and improve the plant's performance to ensure a quality effluent has been accomplished.


Process control information such as, SVI, F/M ratio, organic loading rates, detention times, sludge age, trend charts, and graphs can indicate the stability of the process. The operator can now pinpoint and address problems as they arise before the quality of the effluent is jeopardized. If this process control information is utilized as soon as it is available, it is easier to maintain compliance with the NPDES permit requirements.



Wastewater Treatment Plant

McCoy & McCoy Laboratories, Inc. (MMLI) professionals have the capabilities to provide the following services to the wastewater treatment plants:

- NELAC certified laboratory analysis of influent, effluent, and sludge.
- Sample acquisition: On site sampling & pre-scheduled route services for sample pick-ups
- Discharge Monitoring Report (DMR) preparation.
- Pretreatment program management & assistance.
- Assistance in process control or troubleshooting your plant's operation.

MMLI is dedicated and ready to serve the wastewater operator. With our professional staff and experience, we can become a valuable partner for any of your wastewater treatment needs. 

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