

Water & Wastewater Treatment Solutions

Protecting
Our
Environment

- **Field Erected Treatment Plants**
- **Radium Removal Systems**
- **Iron Removal Systems**
- **24/7 Standby Service**



The Pumping World's One Stop Shop!

WATER TREATMENT SOLUTIONS

As America's communities continue to grow and expand, so does the demand on potable water quality. Unfortunately, many of our nation's water supplies need special attention to ensure safe water for daily consumption. Public works officials know that citizens expect quality drinking water free of harmful metals and chemicals. Here at Metropolitan, we understand those concerns and can help devise solutions to meet your needs.

System Design Options

At Metropolitan, we can design, build and/or provide a complete water filtration solution capable of removing radium,

iron, manganese, fluoride and arsenic contamination. We offer complete packages from design to installation including filters, integrated controls, SCADA integration, pumping equipment and piping.



Customized Control Solution

Our ability to offer a complete control solution customized for your filtration system is what sets us apart from the competition. At Metropolitan, we have an entire control division focused on delivering

a customized solution that

provides flexibility, ease of use and maximum control over each system we install. Such features include touch screen operation, elapsed time meters, automatic or manual emergency power transfer switches, visual and audible alarms, and more. Our technicians will integrate your system into your existing SCADA system and offer added benefits of remote monitoring, email reports, mobile data collection and secure Internet control.



WASTEWATER TREATMENT SOLUTIONS



During the last decade, Metropolitan has kept pace with energy-saving technologies and combined them into our single-source wastewater treatment solutions. Our complete wastewater process treatment solutions include field-erected treatment plants, mechanical clarifiers, energy-saving aeration systems with blowers controlled by dissolved oxygen probes, variable speed motor control centers, sludge management solutions complete with screening equipment, a variety of pumping options and integrated control systems.

A complete solution can include:

- 24/7 Standby Service
- Screening Equipment
- Field Erected Clarifiers
- Blowers and Diffuser System
- Meter, Valve and Control Vaults
- SCADA Integration / PLC Control
- Variable Speed Motor Control Center
- Lift Stations and many other pump applications



*Paul Larson, P.E.
Chief Engineer*

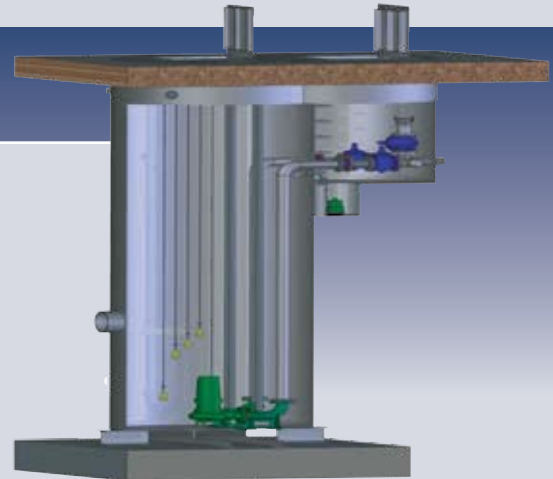
Our Engineering Staff Available to Assist You

OTHER METROPOLITAN PRODUCTS

PUMPS • CONTROLS • SCADA • MIXERS • STAND-BY POWER • METER / VALVE VAULTS

Below Ground Prefabricated Lift Stations

- Single-source systems complete with all equipment required for operation
- Available in stainless steel, coated steel options, high density polyethylene and fiberglass
- Simplex, duplex, triplex or larger systems available
- Outside valve box permits servicing without entering sump
- Constant or Variable Speed Control Systems



All Access Above Ground Control and Valve Stations

- For sewage and storm water lift stations
- Removable doors and panels for total access in the field
- Pre-piped and wired (bypass connections optional)
- Shipped fully assembled and ready to install
- Mounts right on top of wet well
- State-of-the-art Control System with a variety of Level Control System options available



Pre-Fabricated Housed Pumping Systems

- Pre-piped and wired (water or wastewater)
- Shipped fully assembled and ready to install
- Several housing options available
- Touch screen control operation
- Generator and chemical rooms available



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