

Preventive Maintenance

Treatment plant and collection system field services



Severn Trent Services has developed an in-house computer system to schedule and monitor facility preventive maintenance activities. Lubrication schedules, based upon manufacturers' O&M manuals, are established to optimize equipment longevity. The listing for each piece of equipment includes model and serial numbers and other data required to provide immediate information. A monthly schedule is generated that outlines the specific equipment to be serviced, specified service procedure, oil or grease to be used and a history of service maintenance and replacements. A detailed step-by-step procedure and checklist are generated for each equipment item and utilized by technicians to perform preventive maintenance.

Plant Services

Severn Trent has a staff of highly trained mechanical, electrical and instrumentation technicians specializing in maintenance of water and wastewater facilities. Each technician drives a vehicle that is fully equipped with the tools needed to professionally perform each level of maintenance. Our specialized plant maintenance is provided on a 24-hour, seven-day-a-week basis.

- Pumps
- Blowers
- Valves
- Clarifier drives
- Gear boxes
- Auxiliary equipment
- Motors
- Flushing valves
- Clay valves
- Electric valves
- Calibration
- Mechanical seals
- Chlorination systems
- Infrared scanning
- Motor starters
- Lift station renovation
- Control panel wiring and repairs
- Water meters and pressure and flow recorders
- Shaft and coupling alignment
- Telemetry alarm/dialer systems
- Float switches and bubbler systems
- Electrode cleaning and replacement
- Lift station liquid level recorders probes
- Wastewater plant flow meters and D.O. probes

Field Services

Severn Trent field maintenance crews specialize in collection and distribution systems. Crews are available 24 hours a day, seven days a week and are equipped with backhoes, pumps, generators, welders, boring machines and other equipment necessary to perform any needed field maintenance service.

- Manhole survey and repairs
- Main line valve locating and curb marking
- Storm sewer grating installation
- Dead-end blowoff locating and servicing
- Plant site mowing and landscape services
- Fire hydrant painting, lubrication and repair
- Sewer line cleaning
- Sewer blockage relief
- Welding and metal fabrication
- Building maintenance (paint, roof, doors, etc.)
- Gate and fence repairs
- Smoke testing and TV inspections
- Road repairs
- Slip lining
- Sand removal
- Point repairs
- Sewer line rehabilitation
- Security lighting installation

