

# Wastewater treatment plant daily maintenance checklist

Preliminary treatment	Check
1. Clear debris from grit chambers and bar screens	
2. Check clarifier scum troughs and inspect aerator blower filters	
For solid handling	
1. Grease bearings on sludge dewatering equipment (presses and centrifuges)	
Pumps and motors	
1. Check for unusual noise or vibration	
2. Verify temperature levels	
3. Inspect seals and lubrication	
Lift stations	
1. Confirm proper flow rates	
2. Check for clogging or debris	
3. Inspect alarms and backup systems	
Electrical systems	
1. Verify panel readings	
2. Inspect wiring and connections	
3. Test emergency systems	
Instrumentation	
1. Calibrate sensors (if manual)	
2. Verify readings against expected ranges	
General plant conditions	
1. Check for leaks or corrosion	
2. Inspect safety equipment	
3. Ensure compliance logs are updated	
Compliance	
1. Verify influent and effluent flow meters are calibrated to ensure accurate BOD/TSS reporting	