

Oakridge WTP Inspection & Maintenance

Equipment Name / ID	Maintenance to be Performed
• Generator	Ensure self-testing of unit
• Well 2	Record Gallon Per Minute
• Well4	Record Gallon Per Minute
• Well 5	Record Gallon Per Minute
• Well 6	Record Gallon Per Minute
• Well 7	Record Gallon Per Minute
• Mixed Media Filter #1	Backwash Daily
• Mixed Media Filter #2	Backwash Daily
• Green Sand Filter #1	Backwash Daily
• Green Sand Filter #2	Backwash Daily
• Booster 1	Check Discharge PSI, Grease Monthly
• Booster 2	Check Discharge PSI, Grease as Monthly
• Booster 3	Check Discharge PSI, Grease as Monthly
• High Flow Pump	Check Discharge PSI, Grease as Monthly
• Cl2 Chem Pump	Check Pump Ops and Dosing Rates
• Caustic Chem Pump	Check Pump Ops and Dosing Rates
• PCH-180 Chem Pump	Check Pump Ops and Dosing Rates
• KMNO4 Chem Pump	Check Pump Ops and Dosing Rates
• All Chemical Crocks	Emptied & cleaned every 6 months
• Static Mixer 1	Check PSI, Clean as Needed
• Static Mixer 2	Check PSI, Clean as Needed
• Benchtop pH Meter	Calibrated Weekly
• HACH Multi Meter	Calibrated & tested by technician quarterly

- **Additional Operations**

- Daily Entry Point Testing for the following:
 - Temperature
 - pH
 - Iron & Manganese
 - KMNO4 Bleed Through
 - Free Chlorine Residual
- Monitoring Storage Tank Level
- Maintaining adequate system PSI
- Well house inspections. Leaks, heat, housekeeping, etc.
- Water meter readings at each residence
- Water meter replacement
- Special sampling schedule followed each month

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Equipment Name / ID	Maintenance to be Performed
<ul style="list-style-type: none"> • Roto Screen • Generator • EQ Blower # 1 • EQ Blower # 2 • EQ Pump # 1 • EQ Pump # 2 • RBC # 1 Drive • RBC # 2 Drive • Clarifier Drive # 1 • Clarifier Drive # 2 • Lamella Pump # 1 • Lamella Pump # 2 • Lamella Pump # 3 • Lamella # 1 • Lamella # 2 • Cl2 Chem Pump Rates • PCH-180 Chem Pump • Sodium Thio Chem Pump • Compressor # 1 • Compressor # 2 • Sand Filter #1 • Sand Filter #2 • Sand Filter #3 	<ul style="list-style-type: none"> Grease Bearings Monthly Ensure self-testing of unit Grease Blower Bearings Monthly Grease Blower Bearings Monthly Check Discharge Flow Daily Check Discharge Flow Daily Grease Bearings Monthly Grease Bearings Monthly Grease Bearings Monthly, Quantify sludge accumulation daily Grease Bearings Monthly Quantify sludge accumulation daily Check Pump Operations Daily Check Pump Operations Daily Check Pump Operations Daily Check Mixer Operations Daily Check Mixer Operations Daily Check Pump Ops and Dosing Check Pump Ops and Dosing Rates Check Pump Ops and Dosing Rates Check Belts Monthly Check Belts Monthly Record backwashes daily; Cl2 chemical clean monthly Record backwashes daily; CL2 chemical clean monthly Record backwashes daily; CL2 chemical clean monthly
<ul style="list-style-type: none"> • Additional Operations <ul style="list-style-type: none"> ○ Maintaining blanket levels for sludge removal in secondary clarifiers and primary tank. ○ Monitoring & cleaning EQ splitter box for gray water. ○ Bagging of rags from headworks building ○ Monitoring Pump station pump hours, wet well levels, wet well debris removal. ○ Chemical and sludge ordering (management). ○ SPDES daily & weekly sampling ○ Monitoring Biological growth & activity on rotating biological contactors (RBC's) 	