

STP operator checklist

Typical checks. Follow your plant O&M manual first. Date: _____ Operator: _____

Daily

- ☐ Inlet screen and grit cleared _____
- ☐ Flow reading noted _____
- ☐ Blower running; DO in aeration tank _____
- ☐ MBBR media moving / SBR cycle completed _____
- ☐ Clarifier surface clear _____
- ☐ Treated water colour and odour _____
- ☐ Chlorine dose and residual _____
- ☐ Sludge level checked _____

Weekly

- ☐ Sludge drained or dewatered _____
- ☐ Screens and diffusers inspected _____
- ☐ Pump and blower oil, belts, vibration _____
- ☐ Chemical stock _____
- ☐ Flow meter and level switches tested _____

Monthly

- ☐ Inlet and outlet BOD, COD, TSS, pH tested _____
- ☐ Panel and earthing check _____
- ☐ Valve exercise _____
- ☐ Trend review _____

ETP operator checklist

Typical checks. Follow your plant O&M manual first. Date: _____ Operator: _____

Daily

- ☐ Equalisation tank level and mixing _____
- ☐ Inlet pH noted _____
- ☐ Chemical dosing rates and tank levels _____
- ☐ Flocculation and clarifier condition _____
- ☐ Biological tank DO and appearance _____
- ☐ Outlet pH, colour and TSS _____
- ☐ Sludge handling _____
- ☐ All readings logged _____

Weekly

- ☐ Dosing pump calibration _____
- ☐ Jar test if inlet has changed _____
- ☐ Sludge dewatering performance _____
- ☐ Instrument cleaning _____
- ☐ Housekeeping and leaks _____

Monthly

- ☐ Outlet COD, BOD, TDS vs consent _____
- ☐ Chemical use per KLD reviewed _____
- ☐ Maintenance plan updated _____

RO plant operator checklist

Typical checks. Follow your plant O&M manual first. Date: _____ Operator: _____

Every shift

- ☐ Feed, interstage and reject pressures _____
- ☐ Feed, permeate and reject flows _____
- ☐ Permeate conductivity _____
- ☐ Antiscalant and chemical dosing _____
- ☐ Cartridge filter pressure drop _____

Watch for

- ☐ Normalised permeate flow falling about 10 to 15% _____
- ☐ Pressure drop rising about 15% _____
- ☐ Confirm triggers with your membrane supplier and O&M manual _____

Monthly

- ☐ Feed water analysis and SDI _____
- ☐ Chlorine check before membranes _____
- ☐ CIP record _____
- ☐ Instrument calibration _____