

MAINTENANCE OVERVIEW - TRUNZ WATER SYSTEMS

	TWU 003	TWU 010	TWB 003	TSB 002 / TBB 002	TWS 300 / TWC 100	TSS 200 / TBS 200 TSC 100 / TBC 100
Weekly (Operator)	Check pressure - max. pressure UF membrane 3.5 bar	x		x		x
	Check pressure of the RO-System - Manually backflush of the RO-System - Check 5 micron filter (difference pressure switch)		x		x	x
	Check prefilter - cleaning by hand if pressure will not reduce after aut. Backflush of prefilter - activate backflush manually	x	x	x	x	x
	Check system for pressure drop	x	x	x	x	x
	Cleaning of the submersible pump (outside)	x	x	x	x	x
	Check clean water for smell	x	x	x	x	x
	Clean solar panels					x
3-Month (Service technician)	Weekly check as above	x	x	x	x	x
	Cleaning of the Prefilter	x		x		x
	Change activated carbon filter	x	x	x	x	x
	Change 5 micron filter		x		x	x
	Check automatic backflush of the UF membrane - Activate backflush manually - possible flush with bleaching liquid	x		x		x
	Check RO-System - Activate backflush manually - Check oil level of the high pressure pump		x		x	x
	Check pressure switches	x	x	x	x	x
	Check product flow rate	x	x	x	x	x
	Check pressure of backpulse tank for UF membrane	x		x		x
	Check pressure of backpulse tank of the prefilter	x		x	x	x
Analyse the water for bacterias, virus, etc.	x	x	x	x	x	
Check the solar system incl. battery check	x				x	x
Yearly	Check Integrity Test of the UF membrane	x		x		x
	Check Membranes of the RO system		x		x	x
Maintenance costs	Replacement of activated carbon filter, approx. 4x/year	x	x	x	x	x
	Replacement of filter cartridge (25m/100m), every 2 years	x	x	x	x	x
	Replacement of 5 micron filter, approx. 4x/year		x		x	x
	Costs of service technician	x	x	x	x	x
	RO-Membrane cleaning treatment SC1, SC2, SC3		x		x	x
	UF-Membrane cleaning treatment MC1	x		x		x