

Marine Potable Water Logsheet V4

* With Guideline From WHO Guidelines For Drinking Water Quality, EU Drinking Water Directive, Europe ECDC and USA CDC
Updated: 1st Dec 2023

Vessel name: _____

Company name: _____

Responsible officer: _____

Source of water: _____

Date:							
Sample location:							
Segment	Parameter	Unit	Min	Max	Min. Test Frequency	Test Optionality	
Microbial Safety	Total Coliforms	Present/Absent		Absent	Monthly	Mandatory	
	E Coli	Present/Absent		Absent	Monthly	Mandatory	
	Intestinal enterococci	Present/Absent		Absent	Monthly	Mandatory	
	Legionella bacteria	Present/Absent		Absent	Monthly	Recommended	
	Total Heretropic Bacteria	CFU/ml		500	Monthly	Recommended	
Segment	Parameter	Unit	Min	Max	Min. Test Frequency	Test Optionality	
Chemical Safety	pH*		6.5	8.5	Daily	Mandatory	
	Free Chlorine**	ppm	0.2	1.0	Daily	Mandatory	
	Turbidity	NTU		1.0	Daily	Mandatory	
	Colour	TCU		15	3 days/once	Recommended	
	Iron	ppm		0.3	3 days/once	Recommended	
	Copper	ppm		2.0	3 days/once	Recommended	
	Conductivity	uS/cm		2,500	3 days/once	Recommended	
Segment	Parameter	Unit	Min	Max	Min. Test Frequency	Test Optionality	
Operational Safety	System inspected	Yes/No					
	System disinfected	Yes/No					

Date:							
Sample location:							
Segment	Parameter	Unit	Min	Max	Min. Test Frequency	Test Optionality	
Microbial Safety	Total Coliforms	Present/Absent		Absent	Monthly	Mandatory	
	E Coli	Present/Absent		Absent	Monthly	Mandatory	
	Intestinal enterococci	Present/Absent		Absent	Monthly	Mandatory	
	Legionella bacteria	Present/Absent		Absent	Monthly	Recommended	
	Total Heretropic Bacteria	CFU/ml		Monitor Trend	Monthly	Recommended	
Segment	Parameter	Unit	Min	Max	Min. Test Frequency	Test Optionality	
Chemical Safety	pH*		6.5	8.5	Daily	Mandatory	
	Free Chlorine**	ppm	0.2	1.0	Daily	Mandatory	
	Turbidity	NTU		1.0	Daily	Mandatory	
	Colour	TCU		15	3 days/once	Recommended	
	Iron	ppm		0.3	3 days/once	Recommended	
	Copper	ppm		2.0	3 days/once	Recommended	
	Conductivity	uS/cm		2,500	3 days/once	Recommended	
Segment	Parameter	Unit	Min	Max	Min. Test Frequency	Test Optionality	
Operational Safety	System inspected	Yes/No					
	System disinfected	Yes/No					

Note:

1. pH* = Range is 6.5 to 8.5, recommended to maintain < 8.0 for effectiev disinfection as per WHO Guideline For Drinking Water Quality, 4th Edition
2. Free Chlorine**: Range is 0.2 ppm to 1.0 ppm, recommended 0.5 ppm and minium concentration at point of use > 0.2 ppm
3. Tests, testing frequencies and control limits may vary depending on flag state guidelines.
4. Above parameters, test frequencies are recommended guidance value, user may amend/change to best suit the need.