



PERMITTED DISCHARGES POLICY

POLICY CONTEXT

This policy outlines the requirements for vessel discharges within Chaffers Marina, ensuring compliance with the **Resource Management Act 1991**, the **Resource Management (Marine Pollution) Regulations 1998**, and the **Natural Resources Plan** for the Wellington Region.

It applies to all vessels operating within Chaffers Marina's waters and is intended to support responsible environmental practices by vessel owners and operators.

The definition of a Ship is covered by both the Resource Management Act and the Maritime Transport Act 1994 and is as follows:

Resource Management Act 1991

Part 1, 2 Interpretations Ship: has the same meaning as in section 2(1) of the Maritime Transport Act 1994

Maritime Transport Act 1994

Part 1, 2 Interpretations Ship: means every description of boat or craft used in navigation, whether or not it has any means of propulsion; and includes—

- (a) a barge, lighter, or other like vessel;
- (b) a hovercraft or other thing deriving full or partial support in the atmosphere from the reaction of air against the surface of the water over which it operates;
- (c) a submarine or other submersible

RULES

SEWAGE DISCHARGE – NOT PERMITTED

The discharge of **sewage** from vessels is **strictly prohibited** within Chaffers Marina.

Resource Management (Marine Pollution) Regulations 1998.

11 Discharge of Sewage in coastal marine area.

- (1) Before 1 July 2020, any person may discharge sewage in the coastal marina area from a ship or offshore installation, unless that discharge is within 500 metres (0.27 nautical miles) of a marine farm.
- (2) On or after 1 July 2020, no person may discharge sewage in the coastal marine area from a ship or offshore installation unless that discharge occurs—
 - a. more than 500 metres (0.27 nautical miles) seaward from mean high water springs; and
 - b. more than 500 metres (0.27 nautical miles) from a marine farm; and
 - c. in water depths greater than 5 metres; and
 - d. more than 200 metres (0.108 nautical miles) from a marine reserve, except the marine reserve constituted by the Marine Reserve (Kermadec Islands) Order 1990; and
 - e. more than 500 metres (0.27 nautical miles) from an area that the Minister of Fisheries has declared by notice in the Gazette to be a mataitai reserve under regulations made under section 186 of the Fisheries Act 1996.
- (3) A rule may only be included in a regional coastal plan or a proposed regional coastal plan relating to the discharges under this regulation if—
 - a. the rule increases the distances seaward or increases the depth specified in subclause (2) for any harbours, estuaries, embayments, or other parts of a region, or increases the distances from a marine farm, marine reserve, or mataitai reserve specified in subclause (2), for all or any part of the year; and
 - b. the rule takes effect on or after 1 July 2000.

NORMAL OPERATIONAL DISCHARGES – PERMITTED

Discharges associated with the **normal operation of ships** are permitted under:

Resource Management (Marine Pollution) Regulations 1998.

15 Discharge made as part of normal operations of ship or offshore installation

Any person may discharge, in the coastal marine area, a contaminant that is incidental to, or derived from, or generated during, the operations listed in **Schedule 4** as the normal operations of a ship or offshore installation, except a contaminant that is garbage and for which no exception is provided in regulation 13A.

Schedule 4 Normal operations of ship or offshore installation

1. Ship propulsion.
2. Heat exchange systems, including engine cooling systems, air conditioning, refrigeration, and condensers.
3. Stormwater drainage from systems and scuppers, except from those areas used for the storage of any harmful substance.
4. The use of washing facilities in the accommodation areas producing greywater from showers, handbasins, baths, galleys, dishwashers, and laundries but does not include use of any dispensary, sick bay, or other medical premises.
5. The cleaning of the ship or offshore installation, except for the exterior of the hull below the load line or parts of the ship used for carrying cargo.
6. The incineration of waste or other matter generated from a ship or offshore installation.
7. Firefighting.
8. The operation of a weapon system on any ship of the New Zealand Defence Force.

CONDITIONS FOR PERMITTED DISCHARGE

These discharges may only occur under the following conditions as outlined in:

Natural Resource Plan for the Wellington Region

Rule R91: Minor discharges – Permitted Activity

The discharge of a contaminant into water, or onto or into land where it may enter water that is not specifically provided for by any other rule in this Plan is a permitted activity provided the following conditions are met:

- (d) where the discharge is a **point source discharge** and may enter a surface water body or **coastal water**,
 - (i) the concentration of total suspended solids in the discharge shall not exceed:
 2. 100g/m³, where the discharge enters any other water, and
 - (ii) the discharge shall not cause any erosion of the channel or banks of the receiving water body or the coastal marine area, and
 - (iii) the discharge shall not give rise to the following effects after the **zone of reasonable mixing (15m from the point source discharge)** or within a Schedule C (mana whenua) site:
 1. a change in the pH of ± 0.5 pH unit, or
 2. the production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials, or
 3. any conspicuous change in the colour or visual clarity, including
 - in any other **surface water body** a decrease in water clarity of no more than 30%, or
 4. a change in temperature of no more than:
 - 3°C in any other **surface water body**, and
 5. any emission of objectionable odour, or
 6. the fresh water is unsuitable for consumption by farm animals, or
 7. any significant adverse effects on aquatic life, and
 - (iv) after the **zone of reasonable mixing**, the discharge shall not cause:
 2. a value in Schedule V (attached) for the protection of 95% of species to be exceeded in any other river or lake, or coastal water.

CHAFFERS MARINA LIMITED



Vessel owners are responsible for understanding and complying with their legal obligations and should contact the marina office if clarification is required.

This policy complements Chaffers Marina's In Water Bio-Foul Cleaning Policy and forms part of the marina's broader environmental management framework.

Date of Review: 31/05/2025 Date of Next Review: 31/05/2027

Reviewed by: (Operations Manager) (CML Board Chairman)

Schedule V: Toxicant standards for rivers and lakes

Table V1: Water quality standards

Chemical	Level of protection (% species)		
	99%	95%	95%
	Applicable to		
	Significant rivers	All other freshwater	Coastal water
	Numerical standards		
	(µg/l)	(µg/l)	(µg/l)
Metals and metalloids			
Aluminium	27	55	
Arsenic (As III)	1	24	
Arsenic (AsV)	0.8	13	
Boron	90	370	
Cadmium ¹	0.06	0.2	0.7
Chromium (CrIII)	N/A	N/A	27.4
Chromium (CrVI)	0.01	1.0	4.4
Cobalt	N/A	N/A	1
Copper	1.0	1.4	1.3
Lead ¹	1.0	3.4	4.4
Manganese	1200	1900	N/A
Mercury (Inorganic)	0.06	0.06	0.1
Nickel ¹	8	11	7
Selenium (Total)	5	11	
Silver	0.02	0.05	1.4
Tributyltin (as µg/L Sn)			0.0004
Vanadium			100
Zinc ¹	2.4	8.0	7
Non-metallic inorganics			
Nitrate-nitrogen	1500		
Ammoniacal-nitrogen	320		910
Chlorine (Total Cl)	0.4	3	
Cyanide (Unionised, as CN)	4	7	4
Hydrogen sulphide (Un-ionised as S)	0.5	1.0	
Aromatic hydrocarbons			
Benzene	600	950	500

Chemical	Level of protection (% species)		
	99%	95%	95%
	Applicable to		
	Significant rivers	All other freshwater	Coastal water
	Numerical standards		
	(µg/l)	(µg/l)	(µg/l)
o-xylene	200	350	
p-xylene	140	200	
Chloroethanes			
1,1,2-trichloroethane	5400	6500	1900
Hexachloroethane	290	290	
Anilines			
Aniline	8	8	
2,4-dichloroaniline	0.6	7	
3,4-dichloroaniline	1.3	3	150
Polycyclic aromatic hydrocarbons			
Naphthalene	2.5	16	50
Nitrobenzenes			
Nitrobenzene	230	550	
Nitrotoluenes			
2,4-dinitrotoluene	16	16	
2,4,6-trinitrotoluene	100	140	
Chlorobenzenes			
1,2-dichlorobenzene	120	160	
1,3-dichlorobenzene	160	260	
1,4-dichlorobenzene	40	60	
1,2,3-trichlorobenzene	3	3	
1,2,4-trichlorobenzene	85	85	80
Phenols			
Phenol	85	320	400
2-chlorophenol	340	340	
4-chlorophenol	160	220	
2,4-dichlorophenol	120	120	
2,4,6-trichlorophenol	3	3	
2,3,4,6- tetrachlorophenol	10	10	
2,4-dinitrophenol	13	45	

Chemical	Level of protection (% species)		
	99%	95%	95%
	Applicable to		
	Significant rivers	All other freshwater	Coastal water
	Numerical standards		
	(µg/l)	(µg/l)	(µg/l)
Phthalates			
Dimethylphthalate	3000	3700	
Diethylphthalate	900	1000	
Dibutylphthalate	10	10	
Miscellaneous industrial chemicals			
Poly(acrylonitrile-co-butadiene-co-styrene)	200	530	250
Organophosphorus pesticides			
Azinphos methyl	0.01	0.02	
Diazinon	0.00003	0.01	
Dimethoate	0.1	0.15	
Fenitrothion	0.1	0.2	
Malathion	0.002	0.05	
Carbofuran	0.06	0.06	
Methomyl	0.5	3.5	
Temephos			0.05
Herbicides and fungicides			
Diquat	0.01	1.4	
2,4-D	140	280	
Molinate	0.1	3.4	
Thiobencarb	1	2.8	
Thiram	0.01	0.01	
Atrazine	0.7	13	
Simazine	0.2	3.2	
Tebuthiuron	0.02	2.2	
Glyphosate	370	370	
Trifluralin2.6	2.6	2.6	

Chemical	Level of protection (% species)		
	99%	95%	95%
	Applicable to		
	Significant rivers	All other freshwater	Coastal water
	Numerical standards		
	(µg/l)	(µg/l)	(µg/l)
Surfactants			
Linear alkylbenzene sulfonates (LAS)	65	280	
Alcohol ethoxylated sulfate (AES)	340	650	
Alcholethoxylated surfactants (AE)	50	140	
¹ Chemicals for which algorithms have been provided in Table V2 to account for the effects of hardness in freshwaters. The values have been calculated using a hardness of 30 mg/L CaCO ₃ . These should be adjusted to the site-specific hardness ² See Table V3 for adjusting ammonia standards to different pHs			

Table V2: General form of the hardness-dependent algorithms describing guideline values for selected metals in freshwaters

Metal	Hardness-dependent algorithm
Cadmium HMTV	$TV(H/30)^{0.89}$
Lead HMTV	$TV(H/30)^{1.27}$
Nickel HMTV	$TV(H/30)^{0.85}$
Zinc HMTV	$TV(H/30)^{0.85}$

Table V3: Adjustment factor for assessing compliance with ammonia standards at different pH

pH	Multiply standard by:
6	2.86
6.1	2.84
6.2	2.82
6.3	2.80
6.4	2.77
6.5	2.73
6.6	2.70
6.7	2.64
6.8	2.59