



Permitted Liquid Tankered Waste Streams Policy



Purpose

The Permitted Liquid Tankered Waste Streams Policy provides the terms and conditions service users are required to follow in order to discharge approved liquid tankered waste into the Invercargill City Council Waste Water Network (Network) and the Invercargill City Council Waste Water Treatment Plant(s) (WWTP). The Permitted Liquid Tankered Waste Streams Policy has been designed to ensure that the reticulation and treatment capacity of the Network and the WWTP are not compromised.

Scope

This Policy applies to contractor(s) discharging liquid tankered waste into the Network and or the WWTP. It creates conditions for discharge of Permitted Liquid Tankered Waste and Conditional Liquid Tankered Waste into the Network or the WWTP and describes what constitutes as Prohibited Liquid Tankered Waste discharge activities.

The conditions of the policy are subject to modification at Council discretion as it is deemed necessary. Council will notify contractor(s) of any modification(s) made to this policy.

Definitions

Approval means a prior authorisation for an individual load(s) of a Conditional liquid tankered waste has been given by Manager Three Waters Operations or Three Waters Technical Supervisor.

Authorised / Authorisation means having permission to discharge liquid tankered waste to the WWTP (or in special and pre-arranged circumstances, to the Network).

Compensation means money or labour requested by Council to remedy damage. Where compensation is monetary it shall be in excess of the standard fee charged for the disposal of liquid trade waste to the WWTP and shall be invoiced at the end of the month in which the damage occurred. Failure to provide compensation may result in issue of a warning notice.





Consent means as defined in Council's Trade Waste Bylaw 2017.

Contractor(s) means any person(s) or company or a Trade Waste consent holder discharging liquid tankered waste to the Network or on WWTP site for the purpose of discharging liquid tankered waste into the WWTP.

Council means the Invercargill City Council.

Damage means any harm, loss, blockage, breakage, destruction physically or causes repairs to be required to the Network or to the WWTP equipment and includes but is not limited to physical equipment and other biological systems and products that may be used at the WWTP from time to time to carry out its functions.

Extreme Circumstance means any action or inaction that may endanger the Health and Safety of personnel or equipment, or any deliberate action to circumvent the conditions of this agreement.

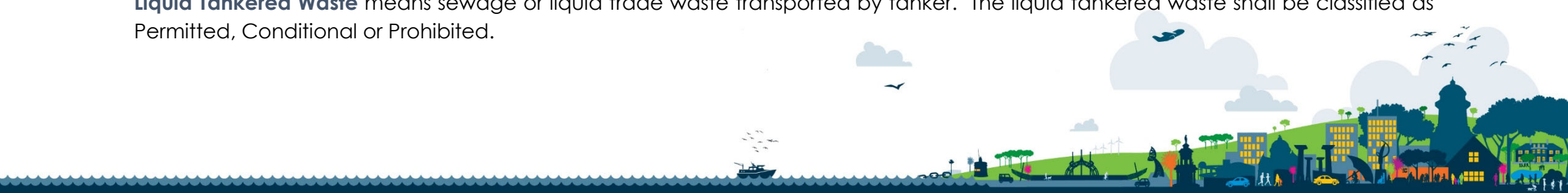
Fees means standard charges for disposal of liquid tankered waste to the Network or to the WWTP as per Council's Fees and Charges. Fees and Charges are calculated annually and published in the Invercargill City Council Annual Plan (Fees and Charges).

Hazardous Substance has the same meaning as the Hazardous Substances and New Organisms Act 1996.

Hours of Operation means the hours that liquid tankered waste is able to be discharged to the WWTP.

JSA means Job Safety Analysis. Job Safety Analysis is a systematic procedure that breaks each job or task into key training sequences, identifies safety elements of each job or task step and coaches the employee on how to avoid potential safety hazards.

Liquid Tankered Waste means sewage or liquid trade waste transported by tanker. The liquid tankered waste shall be classified as Permitted, Conditional or Prohibited.





Network means the reticulated system of pipes, pumps, drains or others owned by Council for the collecting and conveying of Waste Water to the WWTP.

Payload means the maximum load (weight) of Liquid Tankered Waste a vehicle may carry.

PPE means Personal Protective Equipment

Solid Waste means waste that is not liquid in nature (solid waste is a prohibited waste and thus not accepted). Solid Waste shall be interpreted to include liquid waste that becomes or would become solid at ambient temperatures.

WWTP means the Invercargill City Council Waste Water Treatment Plant at Lake Street Invercargill and shall also include The Bluff Waste Water Treatment Plant and the Omaui Waste Water Treatment Plant.

WWTP officers means all officers employed by the Invercargill City Council with their place of work at the WWTP, and shall include the Manager 3 Waters Operations and / or Three Waters Technical Supervisor or an agent who has been authorised by Manager 3 Waters Operations and / or Three Waters Technical Supervisor to act on their behalf.

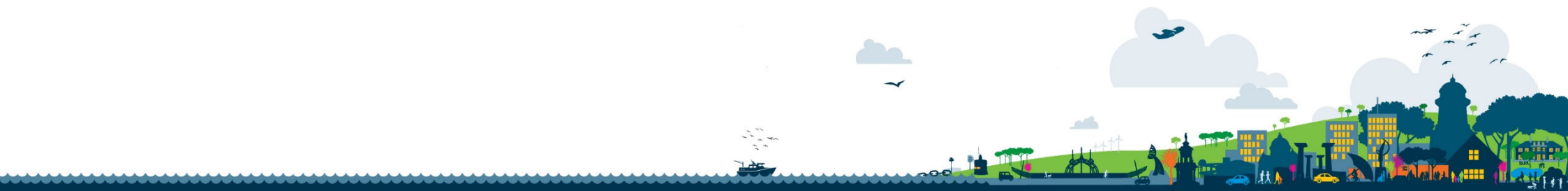
Policy Conditions

All contractor(s) involved in the discharge of tankered waste into the WWTP must follow all conditions of this policy and the Trade Waste Bylaw. Failure to comply may create an offence under Section 6.7 of the Trade Waste Bylaw.

1. No contractor(s) may discharge liquid tankered waste to the WWTP without a consent issued by Council.
2. No contractor(s) may discharge Conditional liquid tankered waste to the WWTP without prior approval.
3. No contractor(s) may discharge liquid tankered waste to the WWTP unless the waste type or load has been classified as Permitted or Conditional (Appendix 1).
4. No contractor(s) may discharge liquid tankered waste to the Network without prior authorisation.



5. The weight of all discharges of liquid tankered waste shall be recorded by use of a weigh-bridge. A weigh-bridge is available for use, without charge, at Freight Haulage, Lake Street. In circumstance where there is no evidence of the payload, ICC may use the maximum payload of the vehicle to determine fees owed.
6. Weigh-bridge dockets must be deposited in the nominated letter box at the WWTP upon disposal of the liquid tankered waste at the WWTP. The source, location and type of the liquid tankered waste shall be hand-written on the back of the weigh-bridge docket. In circumstances where a docket is not available (due to weigh-bridge failure or other circumstance) an estimated load volume, complete with source, location and the type of the liquid waste load shall be completed and placed in the letter box upon disposal of liquid tankered waste at the WWTP. Failure to supply a weigh-bridge docket, or load volume estimation, or to supply incorrect information, may result in the issue of a warning notice
7. Contractor(s) on WWTP site shall abide by current health and safety regulations, must be inducted on site and must take direction from WWTP officers when indicated. The WWTP is a Hi-Viz site and as such contractors must wear Hi-Viz along with safety footwear and any other appropriate PPE. Failure to abide by health and safety regulations, to take direction from WWTP officers, or to wear appropriate PPE shall be deemed an extreme circumstance and may result in an immediate cancellation of the contractor being authorised to discharge liquid waste at the WWTP under section 3.10 of the Trade Waste Bylaw 2017.
8. Contractor(s) will ensure that the disposal area is hosed clean and is left tidy prior to leaving the WWTP.
9. Liquid tankered waste can only be discharged to the WWTP during hours of operation or by prior approval from WWTP officer.
10. Contractor(s) must not work at heights without appropriate mitigation. e.g. (but not restricted to) Contractor(s) cannot, without appropriate mitigation(s) work from the top of their tankers be it cleaning or checking contents of tanker. A JSA may be required for this work to occur while discharging to Network or while on site at WWTP.
11. Contractor must not enter confined spaces without appropriate mitigation. e.g. (but not restricted to) Contractor(s) cannot, without appropriate mitigation(s) enter a tank for the purpose of cleaning. A JSA may be required for this work to occur while discharging to Network or while on site at WWTP.



Warning Notice

Council will issue a warning notice to contractor(s) where the Council has reasonable grounds to believe that condition(s) of this policy including Appendix 1 have been breached. The Warning Notice shall be a written document which will specify the nature of the alleged breach, steps that are required to remedy the breach and the period within which the breach must be remedied.

Failure to abide by a Warning Notice may result in authorisation to discharge being subject to cancellation under section 3.10 of the Trade Waste Bylaw 2017.

Damage

Any contractor(s) that is deemed responsible for damage to the Network or the WWTP or equipment at the WWTP may be liable for compensation. Failure to immediately report the damage to Council and remedy damage will result in a warning notice.

Compensation for damage will be instituted appropriately. Council may recover costs associated with damage to the Invercargill City Council sewerage system in accordance with Sections 175 and 176 of the Local Government Act 2002 respectively.

Fees

Fees are charged by Council for disposal of liquid tankered waste to the Network or the WWTP in accordance with Council's Fees and Charges. These fees shall be invoiced to the contractor on a monthly basis.





Hours of Operation

The hours of operation are from 8.00 am to 4.30 pm inclusive Monday to Friday, excluding public holidays (or by prior authorisation from Manager - Three Waters Operations).

All approved liquid tankered waste discharge must be during the hours of operations. Discharge outside the hours of operation will not be permitted (unless by prior authorisation from Manager Three Waters Operations).



Revision History:	Nil
Effective Date:	February 2025
Review Period:	This Policy will be reviewed every six (6) years, unless earlier review is required due to legislative changes, or is warranted by another reason requested by Council.
New Review Date:	2031
Associated Documents / References:	Trade Waste Bylaw 2017
Supersedes:	Nil
Reference Number:	A5608855
Policy Owner:	Manager – Three Water Operations
Relevant Roles:	Three Waters Technical Supervisor

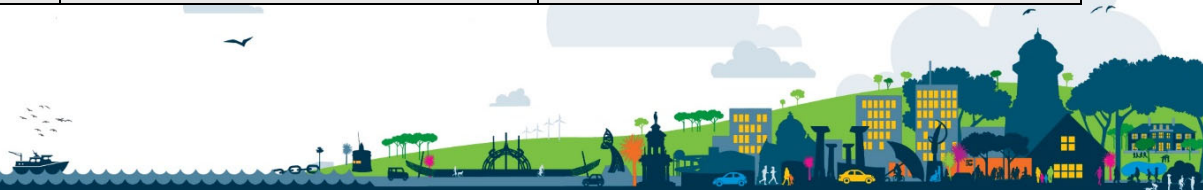


Appendix 1- Conditions for Permitted, Conditional and Prohibited Liquid Tankered Waste Discharge

Appendix 1 provides a list of waste and their discharge to the WWTP categorised as Permitted, Conditional and Prohibited. This is not an exhaust list but provides information to contractor(s) to what constitutes Permitted, Conditional and Prohibited wastes.

It is important to note that the application of Appendix 1 will not be limited to the list provided but will also consider waste discharge activities that are listed but pose risks to environment and natural resources. Discharge of high strength waste or high volumes of waste require prior approval from Manager- Three Waters Operations even if they are listed below.

Table 1 Permitted Liquid Tankered Waste					
Waste Code	Waste Description	Suitability	Disposal Site	Examples include but is not limited to	Problem
1.02	Septage Waste	Between 8.00 am and 4.30 pm	Sewer	Waste from Septic Tank	No Problems Under Most Circumstances
1.03	Fat and Grease Waste (excluding Tallow)	Between 8.00 am and 4.30 pm	Septage Receiving Pit	Grease Traps, AMF, Fat, Grease	Loading Capacity of Treatment Plant
1.05	Sewage Waste	Between 8.00 am and 4.30 pm	Sewer	Normal Waste from Reticulated Sewage system	No Problems Under Most Circumstances
1.06	Portable Toilet Waste	Between 8.00 am and 4.30 pm	Sewer	Waste from Port-a-loos	No Problems Under Most Circumstances
1.12	Truck Wash	Between 8.00 am and 4.30 pm	Sewer	Liquid from Truck Wash only - No settled Solids	No Problems Under Most Circumstances
8.01	Engine Coolants (Volume Less than 210 litre)	Between 8.00 am and 4.30 pm	Sewer	Antifreeze without oil contamination	Fine as long as no oil contamination but subject to volume restriction.



13.15	Non Toxic Salts	Between 8.00 am and 4.30 pm	Sewer	Brine solution.	No Problems Under Most Circumstances
15.07	Leachate (Volume restricted)	Between 8.00 am and 4.30 pm	Sewer	Water from landfill Operation	No Problems Under Most Circumstances but volumes may be subject to separate Trade Waste Agreement (limit of 210m ³ per day)

Table 2 Conditional Liquid Tankered Waste

Waste Code	Waste Description	Suitability	Disposal Method	Examples include but is not limited to	Problem
1.04	Vegetable Oils and Derivatives	With Prior Approval may be refused))	Septage Receiving Pit	Cooking Oils	Loading Capacity of Treatment Plant
1.09	Molasses Waste	With Prior Approval may be refused)	Septage Receiving Pit	Molasses	Loading Capacity of Treatment Plant
1.13	Farm Effluent (Dairy, Pig, Chicken)	With Prior Approval may be refused)	Operator Assistance Required	Dairy Effluent, Pig/Chicken shed effluent	Loading Capacity of Treatment Plant. Odour Issues
2.08	Industrial Waste Treatment Sludge	With Prior Approval may be refused))	Operator Assistance Required	Biological Sludge from Effluent Treatment Systems	Sludge probably not be suited to the Treatment Plant System
6.01	Oil Water Mixtures	Not suitable for disposal.	Operator Assistance Required	Water contaminated with minute amounts of oil	Plant not Suitable for Oil Waste
8.12	Detergents, Sanitisers	With Prior Approval may be refused)	Sewer	Detergent, chlorine solution	Possibly OK but check for suitability for the plants biological treatment system
9	Acids	With Prior Approval may be refused)	Sewer	Acetic, Hydrochloric, Sulphuric etc. in any Concentration	Possibly OK but will need assessed and may need to be trickled into Influent Stream.
10	Alkalis	With Prior Approval may be refused)	Sewer	Caustic Soda	Possibly OK but will need assessed and may need to be trickled into Influent Stream.



14.01	Industrial Wash Waters	With Prior Approval may be refused)	Operator Assistance Required	Wash water from an industrial process	Possibly OK but will need assessed and may need to be trickled into Influent Stream. May depend on storage capacity at WWTP.
14.02	Stormwater	With Prior Approval may be refused)	Sewer	Rain water runoff	In Most Circumstances Stormwater should not come to the Treatment Plant
NA	Highly Odourous wastes	With Prior Approval may be refused)		Wastes with high ammonia content. Other wastes with high odourous compounds.	Adverse health and safety or adverse effect to the operation of the WWTP and Air Discharge Consent.

Table 3 Prohibited Liquid Tankered Waste

Waste Code	Waste Description	Suitability	Disposal Method	Examples include but is not limited to	Problem
1.01	Animal Waste (e.g. Tallow)	Not accepted	Not accepted	Tallow, Stock Effluent Collection Station, Effluent from Animal processing	Volume Sensitive. Loading Capacity of Treatment Plant. No suitable storage for load balancing at WWTP,
14.02	Roadside Sumps	Not accepted	Not accepted	Gravel / Dirt / Oil contamination	WWTP a Solids Treatment Plant
14.02	Sweepings (Road etc.)	Not accepted	Not accepted	Road Gravel and sweepings (even if contaminated with sewage)	WWTP a Solids Treatment Plant
17.02	Hydrovac Waste	Not accepted	Not accepted	Gravel / Dirt / Mud / Contamination	WWTP a Solids Treatment Plant
17.02	Gravel/silt/dirt	Not accepted	Not accepted	Gravel / Silt / Dirt / Mud (even if contaminated with sewage)	WWTP a Solids Treatment Plant
NA	Herbicides	Not accepted	Not accepted	Residual weed killer	May compromise Biological Treatment
4.02	Pesticides	Not accepted	Not accepted	Residual pest killer	May compromise Biological Treatment
NA	Waters contaminated with dissolved metals	Not accepted	Not accepted	Waters from Metal Manufacturers, Electroplaters	Liquids with high Dissolved Metals not Suitable for Treatment at Plant
NA	Hydrocarbon Solutions	Not accepted	Not accepted	Acetone, Methanol	Plant not set up to accept. Health and Safety Issues.



NA	High Strength Waste	Not accepted	Not accepted	Fermented Mother Liquor, Milk, Cream	Waste Can Exceed treatment Capability of Plant or Compromise Treatment. Odours
17.04	Oil or Oil/Water mixtures	Not accepted	Not accepted	Used Motor Oil / Cleaning from Interceptors	Plant not set up to accept.
NA	Water containing any amount of tar or emulsion	Not accepted	Not accepted	Cleaning from Interceptors	Plant not set up to accept. Blinding of Equipment.
11	Chromium or Chromium contaminated water	Not accepted	Not accepted	Waste from electroplaters or similar	Toxic
NA	Hazardous Substance	Not accepted	Not accepted	Any hazardous substance.	Investigation is required to ascertain suitability of WWTP to treat the waste. If suitable, an individual load could be reclassified as a Condition Liquid Tankered Waste.
2.18	Solid Waste	Not accepted	Not accepted	Any Waste not liquid in nature	WWTP is not a solid waste facility.
NA	Approval Cancelled	Not accepted	Not accepted	Any liquid waste previously approved but has cause problems to health and safety of personnel or to the operation of the WWTP.	Adverse health and safety or adverse effect to the operation of the WWTP.
NA	New Waste Type	Not accepted	Not accepted	Any new waste type that has not previously been classified by the WWTP officer.	Investigation is required to ascertain suitability of WWTP to treat the waste.

