

**CLUTHA DISTRICT COUNCIL**  
**WATER AND SANITARY SERVICES BYLAW**

**PART 2**

**SOLID WASTE**

**1 TITLE**

This Bylaw may be cited as the Clutha District Council Solid Waste Bylaw 2012.

**2 COMMENCEMENT**

This Bylaw shall come into force on the 30 June 2012.

**3 REPEAL**

As from the day this Bylaw comes into force the Clutha District Council Solid Waste Bylaw 2008 shall be repealed.

**4 APPLICATION**

This Bylaw shall apply to the Clutha District Council.

**5 SCOPE**

This Bylaw is made pursuant to sections 145 and 146 of the Local Government Act 2002 and section 56 of the Waste Minimisation Act 2008 and any other Act or Authority enabling the Council in that behalf.

**6 DELEGATIONS**

Except where this Bylaw provides that a resolution or special order is required all actions required to be done by the Council under this Bylaw may be undertaken by any authorised officer or agent of Council.

**7 INTERPRETATION**

When interpreting this Bylaw the definitions set out in Section 8 apply unless the context requires otherwise. References to a repealed enactment should be read as a reference to its replacement.

This Bylaw should be read in conjunction with the Solid Waste Services Information document.

For the purpose of this Bylaw, the word 'shall' refers to practices that are mandatory for compliance with this Bylaw, while the word 'should' refers to practices that are advised or recommended.

## 8 DEFINITIONS

**Acceptable waste** Waste with characteristics that comply with the requirements of Council as scheduled in this Bylaw.

**Approval** Approved in writing by Council, either by resolution of Council or by an authorised officer of Council.

**Approved receptacle** A receptacle for containing the waste left out for collection that has been approved by Council.

**Authorised agent** Any person who is not an employee of the Council but is authorised by Council to act on its behalf.

**Authorised officer** Any person appointed or authorised by Council to act on its behalf and with its authority including a member of the police.

**Authorised operator** Any person employed or contracted (including any subcontractor) by Council to operate a facility.

**Characteristic** Any of the physical or chemical characteristics of waste referred to in the Solid Waste Bylaw.

**Cleanfill** Material that has no potential to produce harmful effects on the environment. This is generally a natural material such as clay, soil and rock and such other materials as concrete, brick or demolition products that are free from combustible or organic materials and are therefore not subject to biological or chemical breakdown.

**Council** The Clutha District Council.

**Difficult waste** Waste that can cause a nuisance or has properties which cause it to require extra care in disposal, and includes waste described in Schedule B. Difficult waste may be disposed of at a sanitary landfill provided it is either; scheduled as difficult waste, or has been issued a permit by Council.

**District** The Clutha District.

**Drop off facility** A facility at which a receptacle is provided by Council for the free disposal of recyclable materials.

**Facility** A transfer station, drop off facility or sanitary landfill operated by Council.

**General solid waste** Domestic, institutional, agricultural, industrial or commercial waste excluding special waste, green waste, cleanfill and recyclable materials.

**Greenwaste** Material that is organic or vegetable, and generally in a natural state (i.e. has not been other than physically modified) as prescribed in the Solid Waste Services Information document. May include soil attached to plant roots.

**Hazardous waste** Any waste or combinations of waste that poses, or has the potential to pose, a hazard to human health or living organisms, and includes waste as described in Schedule B.

**Kerbside collection** Collection by Council of approved wheelie bins put out on the kerbside.

**Kerbside collection area** An area nominated by resolution of Council for kerbside collection.

**Person** A natural person, corporation sole or a body of persons whether corporate or otherwise.

**Premises** Include the following:

- (a) A property or allotment which is held under a separate certificate of title or for which a separate certificate of title may be issued and in respect to which a building consent has been or may be issued; or
- (b) A building or part of a building that has been defined as an individual unit by a cross-lease, unit title or company lease and for which a certificate of title is available; or
- (c) Land held in public ownership (e.g. reserve) for a particular purpose.

**Prohibited waste** Waste of a type or quantity which shall not be put out for wheelie bin collection or disposed of at a facility.

**Public holiday** Is restricted to Christmas Day, New Year's Day, Good Friday and ANZAC Day morning unless otherwise stipulated in contract specifications.

**Public notice** As defined in the Local Government Act 2002.

**Recyclable material** A material which can be processed in such a manner that the end product can be reused for the original or an alternate purpose.

**Residual Waste** General solid waste and green waste (excluding cleanfill and special waste) that cannot be diverted from landfill by reuse or recycling.

**Special waste** Either difficult or hazardous waste.

**Sanitary landfill** A facility for the controlled disposal of solid waste and nominated by the Council for that purpose.

**Transfer Station** A facility at which a receptacle is provided for the collection and storage of waste (and in some instances recyclables) prior to being transferred to landfill or diversion facilities.

**Waste generator** Defined as either:

- One household; or
- One business premise; or
- One institution

## **9 KERBSIDE COLLECTION**

### **9.1 Communities served**

The kerbside collection service shall be provided to premises in the wheelie bin collection area.

Council will specify the areas to which it will provide a compulsory wheelie bin collection service. This specification will be determined by Council by ordinary resolution from time to time and publicly notified in the Solid Waste Services Information.

A voluntary wheelie bin service area will include rural properties along routes between towns. In some instances Council will allow customers off the collection route to join the service and transport their bins to the route.

Council may specify other areas to which it will provide a voluntary wheelie bin service. This specification will be determined by Council by ordinary resolution from time to time and notification will be sent by the Council to the premises of the areas.

### **9.2 Approved and Number of Receptacles**

Only waste put out for collection in an approved wheelie bin shall be removed by the collection contractor.

Council will provide two 240 litre wheelie bins per premises; a green lidded wheelie bin for the collection of residual waste and a yellow lidded wheelie bin for the collection of recyclables.

Normally Council will only provide one pair of wheelie bins per premises. However, Council may consider applications for additional wheelie bins made in writing. The approved number of wheelie bins permitted for a premise shall be decided on a case by case basis by an authorised officer of Council. Decisions will be advised in writing.

### **9.3 Frequency of Service**

All premises within the specified collection area will be served one day per week as nominated by Council, subject to appropriate adjustment where that nominated day falls on a public holiday. Council shall publicly notify such adjustments made.

The service will alternate between collection of residual waste and recyclables on a fortnightly basis.

### **9.4 Solid Waste Types Collected**

The types of waste accepted for the Kerbside Collection are specified in Table 9.4.1.

**Table 9.4.1 - Solid Waste Types and Acceptability for Collection:**

Description		Acceptability
Residual waste	General Solid Waste	Conditionally Acceptable
	Green Waste	Conditionally Acceptable
Special waste	Difficult Waste	Prohibited
	Hazardous Waste	Prohibited
Cleanfill		Prohibited
Recyclables		Conditionally Acceptable

## 9.5 General Kerbside Collection Conditions

### 9.5.1 Residual Waste Collection

- All waste left for collection by the kerbside collection service must be fully contained in an approved green-lidded wheelie bin with the lid firmly closed.
- A wheelie bin containing residual waste that is put out for collection shall:
  - Weigh less than 30kg
  - Be placed on the street berm on the day specified by Council for collection at a time not later than that specified by Council in the Solid Waste Services Information.
- No prohibited waste shall be left for collection. In addition to prohibited waste types outlined in table 9.4.1, prohibited waste shall include:
  - bulky items that cannot be enclosed within a wheelie bin
  - ash or dusty material unless cold and wrapped
  - articles of waste that may damage the collection vehicle.

### 9.5.2 Recyclables Collection

- All recyclables left for collection by the kerbside collection service must be fully contained in an approved yellow-lidded wheelie bin with the lid firmly closed.
- A wheelie bin containing recyclables that is put out for collection shall:
  - Weigh less than 30kg
  - Be placed on the street berm on the day specified by Council for collection at a time not later than that specified by Council in the Solid Waste Services Information.
- Only recyclables outlined in the Solid Waste Services Information document shall be left out for collection.
- Removal of recyclables from a wheelie bin by anyone other than the occupier of the property of origin or those authorised by Council to do so, is prohibited.

## 10 TRANSFER STATIONS

### 10.1 Transfer Station Facilities

Council will provide transfer station facilities at specific locations throughout the district. All transfer stations will include a vehicle turning area and one or more large bins. There will be user instructions, normally in the form of signs. Transfer stations will be opened on the days and times specified from time to time by Council by ordinary resolution, publicly notified and published in the Solid Waste Services Information. Each transfer station will accept residual waste and there may also be facilities for depositing recyclables and cleanfill.

### 10.2 Solid Waste Approved for Depositing at Transfer Stations

#### 10.2.1 Approved Solid Waste Types

Solid Waste approved for deposit a transfer station is specified in Table 10.2.1.

**Table 10.2.1 - Solid Waste Types and Acceptability at Transfer Stations:**

Description		Acceptability
Residual waste	General Solid Waste	Conditionally Acceptable
	Green Waste	Conditionally Acceptable <sup>(1)</sup>
Special waste	Difficult Waste	Prohibited
	Hazardous Waste	Prohibited
Cleanfill		Conditionally Acceptable <sup>(1)</sup>
Recyclables		Conditionally Acceptable <sup>(1)</sup>

**Note**

- 1) Where separate facilities for depositing recyclable materials, green waste or cleanfill exist at a transfer station, users will be encouraged to separate waste and deposit these in the appropriate facilities.

No prohibited waste shall be accepted at transfer stations. In addition to prohibited waste types outlined in table 10.2.1, prohibited waste shall include:

- Vehicle bodies, large farm implements, fridges or freezers with chlorofluorocarbons (CFC) or other greenhouse coolants
- Articles of waste too large to fit into the provided receptacles
- Articles of waste that may damage the collection vehicle
- Articles of prohibited general solid waste may be specified from time to time by authorised officers of Council, publicly notified and published in the Solid Waste Services Information.

#### 10.2.2 Approved Waste Quantities

Transfer stations are provided for the disposal of domestic waste quantities as opposed to commercial and industrial quantities

Approved quantities of waste which may be deposited at a transfer station may be specified from time to time by the Council by ordinary resolution, publicly notified and published as Solid Waste Services Information.

## 11. SANITARY LANDFILL

### 11.1 Sanitary Landfill Location

The Council will provide one sanitary landfill at Mount Cooee.

### 11.2 Solid Waste Accepted at Sanitary Landfill

#### 11.2.1 Approved Solid Waste Types

Solid Waste types approved for disposal at the sanitary landfill are stated in Table 11.2.1.

**Table 11.2.1 - Solid Waste Types and Acceptability for Disposal in the Landfill:**

Description		Acceptability
Residual waste	General Solid Waste	Acceptable
	Green Waste	Conditionally Acceptable <sup>(1)</sup>
Special waste	Difficult Waste	Conditionally Acceptable <sup>(2)</sup>
	Hazardous Waste	Prohibited <sup>(3)</sup>
Cleanfill		Conditionally Acceptable <sup>(1)</sup>
Recyclables		Conditionally Acceptable <sup>(1)</sup>

**Note**

- 1) Where facilities for depositing recyclable materials, green waste or cleanfill exist at a sanitary landfill, persons will be encouraged to separate wastes and deposit these in the appropriate facilities.
- 2) Refer to Section 15.
- 3) Under certain circumstances, Council may accept specifically nominated hazardous waste. Refer to Section 15.

#### 11.2.2 Hazardous Waste

Waste generators may apply to Council for consent to dispose of hazardous waste at the sanitary landfill. All such applications made under this section shall be in the prescribed form specified in Schedule A.

#### 11.2.3 Cleanfill

The Council may accept specified cleanfill at the sanitary landfill. Where cleanfill is accepted, a sign at the entrance to the site will specify:

- the type and quantity of cleanfill accepted
- the schedule of fees.

#### 11.2.4 Special Waste Conditions

Special waste shall be delivered to and deposited at a sanitary landfill site in accordance with the provisions of Section 15 of this Bylaw. Council will keep a register of special waste approved for disposal at the sanitary landfills. This register will detail:

- types of special waste approved

- methods for handling and disposal
- charges.

### **11.2.5 Car Bodies and Fridges or Freezers**

Car bodies will be accepted for disposal if they comply with the following requirements:

- fuel tank shall be emptied and cap removed
- L.P.G. and C.N.G. tanks shall be removed
- batteries shall be removed
- engine and transmission shall be drained of all oil
- seats, upholstery, glass and tyres shall be removed
- waste or organic material shall not be present

Car Bodies, fridges and freezers will only be accepted for disposal with chlorofluorocarbons (CFC) or other greenhouse coolants removed.

### **11.3 Hours of Opening**

The sanitary landfill will be open for such hours on such days as the Council shall from time to time by ordinary resolution determine. The schedule of opening hours will be publicly notified and published as Solid Waste Services Information.

## **12. GREEN WASTE TREATMENT AND STORAGE FACILITIES**

### **12.1 Facility Locations**

Green waste deposit facilities may be located at the sanitary landfill and transfer stations.

### **12.2 Waste Types Approved for Disposal at a Green Waste Deposit Facility**

Only approved green waste shall be deposited at a green waste deposit facility.

Green waste approved for disposal includes:

- lawn clippings
- hedge clippings
- leaves
- garden weeds
- tree trimming with branches less than 150mm in diameter.

Green waste types that are prohibited are:

- kitchen scraps



- decomposing green wastes
- silage or other farm processed green wastes
- material that cannot be handled by a shredder (this limitation will be specified at each green waste deposit facility).

Other green waste types that are prohibited may be specified from time to time by an authorised officer of Council, publicly notified and published in the Solid Waste Services Information.

## **13. RECYCLING DROP OFF FACILITIES**

### **13.1 Facility Location**

Council may provide facilities for the collection of recyclable materials at a sanitary landfill, a transfer station or in other nominated locations. Locations of these facilities will be advised by Council through signage at each facility and may be specified from time to time by an authorised officer of Council, publicly notified and published in the Solid Waste Services Information.

### **13.2 Materials Approved for Deposit**

An authorised officer of Council will determine from time to time materials that are acceptable for reuse or recycling in accordance with this Bylaw. Details of acceptable materials shall be displayed on suitable signs at each facility.

### **13.3 Unauthorised Removal**

Removal of recyclables from a drop off facility by anyone other than the occupier of the property of origin or those authorised by Council to do so, is prohibited.

## **14. PUBLIC LITTER BINS**

Council may provide receptacles for litter and/or recyclables in public places within the district. These bins will be provided for the disposal of waste generated within a public area only. No person shall dispose of any general solid waste (household, commercial, industrial or rural waste), greenwaste or cleanfill in public litter bins.

## **15. SPECIAL WASTE DISPOSAL**

### **15.1 Locations**

Hazardous and Difficult waste will be accepted at the sanitary landfill only with a permit from Council or when specified from time to time by an authorised offer of Council, publicly notified and published in the Solid Waste Services Information. Permits shall be issued at Council's sole discretion, and may have conditions attached.

### **15.2 Procedure**

No hazardous waste in Category A or B of Schedule B will be accepted at any facility.

Any person, who has, or suspects they have, Hazardous (Category C only) or Difficult (Category D) waste may make an application to Council on the prescribed form set out in Schedule A for a permit authorising its disposal in a sanitary landfill.

The Council will consider the application and may choose to get specialist advice with respect to the granting of and conditions of any permit. Any extra costs incurred in obtaining this specialist advice may be invoiced to the applicant.

If such waste is to be disposed of on a regular basis Council may at its discretion facilitate this by issuing the waste generator a standing permit subject to any conditions or making special pre-disposal treatment necessary. Such a permit would only be issued on the basis that the classification, contents and physical properties of the waste remains unchanged.

Where any person fails to comply with, or does any act or acts in contravention of, any condition, term, restriction, obligation, prohibition, specification or requirement of any permit or consent granted or issued pursuant to this Bylaw, Council may revoke any such permit or consent held by such person.

Before revoking any permit or consent, Council shall give written notice to the holder of the permit or consent of its intention to revoke that permit or consent. Within 5 working days after receipt of any notice given under this section of the Bylaw, the holder of any permit or consent may advise Council that they wish to be heard by Council concerning the intended revocation of the permit or consent. Until such time as Council has considered and made its decision in respect of any contested revocation of a permit or consent, the permit or consent subject to the hearing, shall be suspended.

The applicant shall be fully responsible for complying (including all costs of compliance) with all conditions of the permit.

## **16. RESPONSIBILITIES**

### **16.1 User Responsibilities**

#### **General**

It is the responsibility of the waste generator to:

- dispose of quantities larger than approved for disposal through the kerbside collection, at a transfer station or at a sanitary landfill
- separate out green waste, clean fill and recyclables and dispose of each to an approved facility, where available at a transfer station or a sanitary landfill.

#### **Transfer Station or Sanitary Landfill Facility**

It is the responsibility of each person using a facility to:

- pay the specified user charge to the site operator
- flatten or crush all bulky items, such as cardboard boxes, containers etc, before depositing in a skip container

- observe the sign posted directions
- observe the advice or direction of an operator
- separate green waste and deposit at the appropriate deposit place where available
- where recyclables are collected, separate the nominated recyclables and deposit these in the bins where provided
- not light fires or undertake any action that may lead to a fire on the site
- not disturb or remove any article or material of any kind except with the express approval of the authorised operator at a facility
- observe the hours of operation (it is an offence to enter a facility outside the hours of operation specified by Council except where otherwise approved by Council through ordinary resolution)
- to abstain from any act which is inconsistent with this Bylaw.

### **Kerbside Collection Service**

It is the responsibility of a service user to:

- remove the receptacle from the kerbside on the same day as collection, if not removed as part of the collection service
- to abstain from any act which is inconsistent with this Bylaw.
- ensure that only approved recyclables are deposited in their yellow-lidded wheelie bin

### **16.2 Landfill or Transfer Station Operator**

Where there is an operator present at a sanitary landfill or transfer station, that operator has the authority to collect user charges and advise site users:

- to flatten or crush bulky items particularly cardboard cartons
- to separate wastes for deposit in the appropriate areas
- to place wastes at the appropriate deposit areas (general, green, cleanfill, recyclable etc.)
- to remove contaminants from any waste stream
- not to dispose of any waste the operator has good reason to believe is prohibited
- to abstain from any act which is inconsistent with this Bylaw

## **17. PENALTIES FOR BREACH OF BYLAWS**

### **17.1 Breach of Bylaw**

Every person breaches this Bylaw and commits an offence who fails to comply with, or does any act or acts in contravention of, any provision of this Bylaw or any condition, term,

restriction, obligation, prohibition, specification or requirement of any permit or notice granted or issued pursuant to this Bylaw.

## **17.2 Penalties**

Every person who fails to comply with any part of this Bylaw commits an offence and is liable to:

- (a) The penalty set out in section 242 of the Local Government Act 2002; or
- (b) Where another enactment specifies the penalty for a breach of the Bylaw, that other penalty. In accordance with section 162 of the Act, the Council may apply to the District Court for an injunction to restrain a person from committing a breach of this Bylaw.

## **17.3 Misuse of Kerbside Recycling Service**

In addition to clauses 17.1 and 17.2, continual contamination of recyclables left out for kerbside collection may result in suspension of the collection service at that premises for a period of three months.

Council operates a three strikes system, whereby the first misuse of the service will result in a warning after the bin has been emptied; a second misuse will result in a second warning and the bin will not be collected; a third misuse of the service will result in suspension of the recycling collection for a three month period.

Where blatant misuse of the kerbside collection occurs Council reserves the right not to empty the bin even if a 'first strike' warning has not previously been given.

## **18. FEES AND DEPOSITS**

Council may by resolution prescribe fees or charges payable in respect of the use of any facility or service provided for by this Bylaw or the processing and consideration of any application of permits made under this Bylaw.

Any such fees or charges payable shall be publicly notified and published in Council's Schedule of Fees and Charges.

All costs over and above any application fee involved in the processing and consideration of any application for permits under the Bylaw (including costs and disbursements incurred in obtaining independent specialist advice) shall be payable by the applicant. This may require the payment of a deposit which may be refunded when the costs incurred by Council are less than the amount of the application fee and deposit paid.

No application shall be processed until such time as the application fee and/or deposit is paid in full by the applicant.

# Application to Dispose of Special Waste at Mt Coovee Sanitary Landfill

**Clutha**  
District Council



<b>Applicant Name</b>			
Applying on Behalf of	Waste Generator <input type="checkbox"/>	Waste Carrier <input type="checkbox"/>	
Phone		Mobile	
Email			
<b>Waste Generator Name</b>			
Business Address			
Phone		Mobile	
<b>Waste Carrier Name</b>			
Business Address			
Phone		Mobile	
Email			
<b>Waste Characteristics</b>			
Description of Waste			
Source of Waste			
Frequency	<input type="checkbox"/> One off	Delivery Date(s)	
	<input type="checkbox"/> Annual*	Start Date	
Quantity of Waste		(m <sup>3</sup> or kg)	
Containment method			
<small>*Annual Permits will be issued for the financial year 1 July – 30 June for waste disposed of on a regular basis. Such a permit will only be issued on the basis that the quantity and characteristics of the waste remains unchanged.</small>			
<b>5. Declaration</b>		<b>I declare that the above waste is accurately described</b>	
Name:		Signature	
Date:		Application Fee:	\$200.00

## Disclaimer

### Notes on Charges

All costs associated with the processing of this application shall be payable by the applicant. In addition to the standard Application Fee, a deposit may also be payable. The application will not be processed unless accompanied by the application fee and/or any deposit payable. In circumstances where costs have exceeded the Application Fee and the deposit, the applicant shall be invoiced for additional costs. Where the costs incurred by Council are less than that paid in the Application fee and the deposit, the balance of the deposit may be refunded to the applicant.

### Note on Conditions of Approval

Where Council grants approval for the disposal of Special Waste, the applicant shall be required to present the special waste at the site as described in the Conditions of Approval and pay all costs associated with the assessment of the waste and meeting the conditions of approval including any pre-treatment and any onsite work required.

### Discretion to Grant or Refuse Consent

The acceptance of this application by the Clutha District Council does not oblige the Council to accept the waste described herein. Council will not accept waste that may compromise the Councils resource consent to operate any landfill, or any waste that may create an occupational health and safety issue for its employees and contractors.

## Schedule B – Special Waste Definition and Classification

(Note: Numbering and terminology used are generally consistent with the OECD classification, and refer in the first instance to untreated waste).

### B.1 WASTE CATEGORIES

#### B.1.1 Hazardous Waste

- Category A - Category A waste is prohibited at a Council facility.
- Category B - Category B waste is prohibited at a Council facility.
- Category C - Category C waste may, at Council's sole discretion, be accepted at a sanitary landfill only.

#### B.1.2 Non-Hazardous Waste

- Category D—Difficult - Category D waste may, at Council's sole discretion, be accepted at a sanitary landfill only.
- Category E—Normal Waste - Normal waste is either General Solid Waste or Greenwaste.
- Category F—Cleanfill

### B.2 WASTE CLASSIFICATION SCHEDULES

#### B.2.1 Category A Waste

Waste with the following characteristics, of the following types or containing the following substances shall constitute Category A hazardous waste:

##### B.2.1.1 Waste with the following characteristics.

**H1 Explosives** - An explosive substance or waste is a solid or liquid substance or waste (or mixture of substances or wastes) that is, in itself, capable of chemical reaction of producing gas at such a temperature and pressure, and at such a speed, as to cause damage to the surroundings.

**H3 Flammable Liquids** - The word 'flammable' has the same meaning as 'inflammable'. Flammable liquids are liquids or mixtures of liquids containing solids in solution or suspension (for example, paints, varnishes, lacquers etc but not including substances or waste otherwise classified on account of their dangerous characteristics) which give off a flammable vapour at temperatures of not more than 61°C.

**H4.1 Flammable Solids** - Solids or waste solids, other than those classed as explosives, which under conditions encountered in transport are readily combustible, or may cause or contribute to fire through friction.

**H4.2 Substances or Waste Liable to Spontaneous Combustion** - Substances or waste that are liable to spontaneous heating under normal conditions encountered in transport, or to heating up on contact with air, and then being liable to catch fire.

**H4.3 Substances or Waste which, in Contact with Water, Emit Flammable Gases -**

Substances or waste which, by interaction with water, are liable to become spontaneously flammable or to give off flammable gases in dangerous quantities.

**H5.1 Oxidising Substances -** Substance or waste that is not necessarily combustive, but may, generally by yielding oxygen, cause or contribute to the combustion of other materials.

**H5.2 Organic Peroxides -** Organic substances or waste which contain the bivalent O=O structure are thermally unstable substances which may undergo exothermic self-accelerating decomposition.

**H6.2 Infectious Substances -** Substances or waste containing viable micro-organisms or their toxins which are known or suspected to cause disease in animals or humans.

**H7 Radioactive Material -** Spontaneously emits radiation greater than background level. Includes alpha, beta, gamma, x-rays, neutrons, high energy electrons, protons, and other atomic particles.

**H8 Corrosives -** Substances or waste which, by chemical action, will cause severe damage when in contact with living tissue, or, in the case of leakage, will materially damage, or even destroy, other goods or the means of transport. They may also cause other hazards.

**H10 Liberation of Toxic Gases in Contact with Air or Water -** Substances or waste which, by interaction with air or water, are liable to give off toxic gases in dangerous quantities.

**H13 Capable of Yielding Another Material -** Capable, by any means, after disposal of yielding another material, e.g. leachate which possesses any of the characteristics listed above.

*B.2.1.2 Waste of the following Types*

- Y1 Clinical waste from medical care in hospitals, medical centres and clinics
- Y4 Waste from the production, formulation and use of biocides and phytopharmaceuticals
- Y5 Waste from the manufacture, formulation and use of (pentachlorophenol) wood preserving chemicals.
- Y6 Waste from the production, formulation and use of organic solvents
- Y10 Waste substances and articles containing or contaminated with polychlorinated biphenyls (PCBs) and/or polychlorinated terphenyls (PCTs) polybrominated biphenyls (PBBs).
- Y11 Waste tarry residues arising from refining, distillation and any pyrolytic treatment

- Y14 Waste chemical substances arising from research and development or teaching activities which are not identified and/or are new and whose effects on man and/or the environment are not known
- Y15 Waste of an explosive nature

#### B.2.1.3 Waste containing the following

- Y19 Metal carbonyls
- Y33 Inorganic cyanides
- Y34 Acidic solutions or acids in solid form
- Y35 Basic solutions or bases in solid form
- Y38 Organic cyanides
- Y39 Phenols, phenol compounds including chlorophenols
- Y40 Ethers
- Y41 Halogenated organic solvents
- Y42 Organic solvents excluding halogenated solvents
- Y43 Any congener of polychlorinated dibenzo-furan
- Y44 Any congener of polychlorinated dibenzo-p-dioxin
- Y45 Organohalogen compounds other than substances referred to in this appendix (eg. Y39, Y41, Y42, Y43, Y44)
- Y48 Radioactive substances

#### B.2.2 Category B Waste

Such waste is only acceptable in hazardous waste containment facilities. Such a facility does not exist

in the Clutha District.

This waste includes all classes of hazardous waste not listed as Category A or Category C waste.

#### B.2.3 Category C Waste

##### B.2.3.1 Waste having the following characteristics.

**H6.1 Poisonous Substances** - Substances or waste, liable either to cause death or serious injury or to harm human health if swallowed or inhaled or by skin contact.



**H11 Toxic (Delayed or Chronic)** - Substances or waste which, if they are inhaled or ingested or if they penetrate the skin, may involve delayed or chronic effects, including carcinogenicity.

**H12 Ecotoxic** - Substances or waste which if released, present or may present immediate or delayed adverse impacts to the environment by means of bioaccumulation and/or toxic effects upon biotic systems.

*B.2.3.2 Waste of the Following Types*

- Y2 Waste from the production and preparation of pharmaceutical products
- Y3 Waste pharmaceuticals, drugs and medicines
- Y5 Waste from the manufacture, formulation and use of wood preserving chemicals
- Y7 Waste from heat treatment and tempering operations containing cyanides
- Y8 Waste mineral oils unfit for their originally intended use
- Y9 Waste oils/water, hydrocarbons/water mixtures, emulsions
- Y12 Waste from production, formulation and use of inks, dyes, pigments, paints, lacquers, varnish
- Y13 Waste from production, formulation and use of resins, latex, plasticisers, glues/adhesives
- Y16 Waste from production, formulation and use of photographic chemicals and processing materials
- Y17 Waste resulting from surface treatment of metals and plastics
- Y18 Residues arising from industrial waste disposal operations
- Y46 Hazardous Waste collected from households
- Y47 Residues arising from the incineration of household waste

*B.2.3.3 Waste Containing the Following*

- Y20 Beryllium, beryllium compounds
- Y21 Hexavalent chromium compounds
- Y22 Copper compounds
- Y23 Zinc compounds
- Y24 Arsenic, arsenic compounds

- Y25 Selenium, selenium compounds
- Y26 Cadmium, cadmium compounds
- Y27 Antimony, antimony compounds
- Y28 Tellurium, tellurium compounds
- Y29 Mercury, mercury compounds
- Y30 Thallium, thallium compounds
- Y31 Lead, lead compounds
- Y32 Inorganic fluorine compounds excluding calcium fluoride
- Y36 Asbestos (dust and fibres)
- Y37 Organic phosphorous compounds

#### B.2.4 Category D Waste—Difficult

Difficult waste includes:

- fish, animal or other putrescible waste
- sludge
- dust
- foam
- documents requiring disposal under special conditions
- timber processing waste
- tree stumps or branches over 150mm diameter
- hot ashes
- liquids
- Any other waste which the Council may prescribe as difficult waste.

Except that fish, animal or other putrescible waste, dust or foam in a quantity that is generated in a typical household in a period of two weeks or less shall be categorised as normal waste.