
PERMIT PART B
PERMIT CONDITIONS - ENVIRONMENTAL No. 7554

Issued under the *Environmental Management and Pollution Control Act 1994*

Applicant: **COPPING REFUSE DISPOSAL SITE JOINT AUTHORITY trading as
Southern Waste Solutions
ACN 928 486 460
143 NELSON RD
MT NELSON TAS 7007**

Activity: **The construction and operation of a clinical and related waste treatment
plant (ACTIVITY TYPE: Waste Depots)
LUTANA CLINICAL WASTE TREATMENT PLANT, 129 DERWENT
PARK RD
DERWENT PARK TAS 7009**

The above activity has been assessed as a level 2 activity under the *Environmental Management and Pollution Control Act 1994*.

Acting under Section 25(5)(a)(i) of the EMPCA, the Board of Environmental Management and Pollution Control has required that this Permit Part B be included in any Permit granted under the *Land Use Planning and Approvals Act 1993* with respect to the above activity.

Municipality: **GLENORCHY**
Permit Application Reference: **PLN-07-4936**
DEPHA file reference: **110373**

Date conditions approved: _____

11th April 2006

Signed: _____



CHAIR, BOARD OF ENVIRONMENTAL MANAGEMENT
AND POLLUTION CONTROL

DEFINITIONS

Unless the contrary appears, words and expressions used in this Permit Part B have the meaning given to them in **Schedule 1** of this Permit and in the EMPCA. If there is any inconsistency between a definition in the EMPCA and a definition in this Permit Part B, the EMPCA prevails to the extent of the inconsistency.

ENVIRONMENTAL CONDITIONS

The person responsible for the activity must comply with the conditions contained in **Schedule 2** of this Permit Part B.

INFORMATION

Attention is drawn to **Schedule 3**, which contains important additional information including legal obligations imposed by other legislation which must be complied with but does not form part of the conditions of this Permit.

11 APR 2008

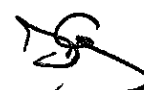


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Schedule 1: Definitions

In this Permit Part B:-

Activity means any environmentally relevant activity (as defined in Section 3 of EMPCA) to which this document relates, and includes more than one such activity

Authorized Officer means an authorized officer under section 20 of the EMPCA

Best Practice Environmental Management or 'BPEM' has the meaning described in Section 4 of EMPCA

Chemical waste has the meaning described in section A2.3 of the Approved Management Method for Clinical and Related Waste.

clinical and related waste has the meaning described in Sections A1 and A2 respectively, of the Approved Management Method for Clinical and Related Waste.

Controlled Waste has the meaning described in Section 3(1) of EMPCA.

cytotoxic waste has the meaning described in Section A2.1 of the Approved Management Method for Clinical and Related Waste.

Director means the Director of Environmental Management holding office under Section 18 of the EMPCA and includes a person authorised in writing by the Director to exercise a power or function on the Director's behalf

DRP means a Decommissioning and Rehabilitation Plan

EMP means the Southern Waste Solutions obo Totally Organic Landscape Supplies Pty Ltd Report for Clinical and Related Waste Treatment Plant and Waste Transfer Station DPEMP prepared by GHD Pty Ltd dated 15 October 2007 and includes any amendment to or substitution of this document approved in writing by the Director.

EMPCA means the *Environmental Management and Pollution Control Act 1994*

Environmental Harm and **Material Environmental Harm** and **Serious Environmental Harm** each have the meanings ascribed to them in Section 5 of EMPCA

Environmental Nuisance and **Pollutant** each have the meanings ascribed to them in Section 3 of EMPCA

Environmentally Hazardous Material means any substance or mixture of substances, identified in accordance with the National Occupational Health and Safety Commission (NOHSC) Approved Criteria for Classifying Hazardous Substances- NOHSC:1008 (2004), 3rd Edition, that may have an impact on the environment that is not negligible and includes fuels, oils and toxic chemicals.

human anatomical waste has the meaning described in Section A1.2 of the Approved Management Method for Clinical and Related Waste.

Leachate means any liquid that is either released by or has percolated through waste

Person Responsible is any person who is or was responsible for the environmentally relevant activity to which this document relates and includes the officers, employees and agents of that person, and includes a body corporate

pharmaceutical waste has the meaning described in Section A2.2 of the Approved Management Method for Clinical and Related Waste.

Planning Authority means the Council(s) for the municipal area(s) in which the land is situated

radioactive waste has the meaning described in Section A2.4 of the Approved Management Method for Clinical and Related Waste.

Recycling means a set of processes (including biological) for converting recovered materials that would otherwise be disposed of as wastes, into useful materials and or products


Reporting Period means the financial year ending on 30 June of each calendar year.

Sensitive Use includes residences and residential zones (whether occupied or not), schools, hospitals, caravan parks and uses involving the presence of individual people for extended periods, except in the course of their employment or for recreation.

The Land means the land on which the activity to which this document relates may be carried out, and includes: buildings and other structures permanently fixed to the land, any part of the land covered with water, and any water covering the land. The land falls within the area defined by the boundary of the activity at:

- 1 Property ID: 5422093

Waste has the meaning ascribed to it in Section 3 of EMPCA



Schedule 2: Conditions

Maximum Quantities

Q1 Regulatory limits

- 1 The activity must not exceed the following limits:
 - 1.1 560 tonnes/year of waste received (excluding materials for recycling) (Annual permit and inspection fees are derived from this figure.)

General

G1 Compliance with EMP and BPEM

The land must be developed and used, and the activity on the land must be carried out and monitored, in accordance with the environmental management measures set down in the Environmental Management Plan ('EMP'), and in accordance with best practice environmental management, unless otherwise specified in these conditions or contrary to EMPCA.

G2 Access to and awareness of conditions

A copy of these conditions and any associated documents referred to in these conditions must always be held in a location that is known and accessible to the person responsible for the activity. The person responsible for the activity must take all reasonable steps to ensure that all persons who are responsible for undertaking work on the land, including contractors and sub-contractors, are familiar with these conditions to the extent relevant to their work.

G3 Incident response

If an incident causing or threatening environmental nuisance, serious environmental harm or material environmental harm from pollution occurs in the course of the activity, then the person responsible for the activity must immediately take all reasonable and practicable action to minimise any adverse environmental effects from the incident.

G4 No changes without approval

- 1 None of the following changes, if they may cause or increase the emission of a pollutant or otherwise result in environmental harm, may take place in relation to the activity without a new permit from the relevant planning authority (where the authority determines that a permit is required) or, if no such permit is required, the prior written approval of the Director:
 - 1.1 a change to a process used in the course of carrying out the activity; or
 - 1.2 the construction, installation, alteration or removal of any structure or equipment used in the course of carrying out the activity; or
 - 1.3 a change in the nature of materials used in the course of carrying out the activity.

G5 Change of responsibility

- 1 If the person who is or was responsible for the activity will cease or ceases to be responsible for the activity, then, as soon as reasonably practicable, but no later than 30 days after that cessation, that person must:
 - 1.1 notify the Director in writing of that fact;
 - 1.2 provide the Director with full particulars in writing of any person succeeding him or her as the person responsible; and
 - 1.3 notify any such person of the requirements of any relevant permit, environment protection notice or other environmental management obligations.

G6 Notification prior to commissioning

At least 14 days prior to the commissioning of the clinical and related waste treatment plant, the person responsible for the activity must notify the Director in writing of the likely date of commissioning.

G7 Commitments

Unless otherwise specified in these conditions the person responsible for the activity must comply with the commitments specified in Attachment 1 to these conditions.

G8 Complaints register

1 A public complaints register must be maintained and made available for inspection by an authorised officer upon request. The public complaints register must, as a minimum, record the following detail in relation to each complaint received in which it is alleged that environmental harm (including an environmental nuisance) has been caused by the activity:

- 1.1 the time at which the complaint was received;
- 1.2 contact details for the complainant;
- 1.3 the subject-matter of the complaint;
- 1.4 any investigations undertaken with regard to the complaint; and
- 1.5 the manner in which the complaint was resolved, including any mitigation measures implemented.

2 Complaint records must be maintained for a period of at least 3 years.

G9 Permitted Waste Types

1 The following types of waste may be received, treated or stored on the land.

1.1 clinical and related waste, except as listed in condition G11 of this permit.

2 Wastes must not be disposed on the land.

G10 Environmental Management Plan and review thereof

1 Unless otherwise specified by the Director, an Environmental Management Plan - Operations ('EMP Operations') for the activity must be submitted to the Director for approval on or before the fifth anniversary of the date on which these conditions take effect and every five years thereafter. In the case of the Director having approved a previous Environmental Management Plan, an EMP Operations must be submitted to the Director for approval on or before the fifth anniversary of the date of that approval and every five years thereafter.

2 The EMP Operations must include a statement by the person responsible acknowledging the contents of the EMP Operations.

3 The EMP Operations must detail the potential environmental impacts arising from the ongoing operation of the activity over the next 5 years, including a strategic consideration of potential changes to the activity during that period and consideration of opportunities to implement continuous improvement.

4 The EMP Operations must separately identify specific commitments, with actions and timeframes, to mitigate or prevent the identified potential environmental impacts. In preparing the EMP Operations the person responsible must take into account the contents of any previous annual environmental reviews including complaints, incidents and monitoring data.

5 If the Director issues guidelines for preparation of the EMP Operations, the EMP Operations must address the matters listed in those guidelines.

G11 Non-Permitted Waste Types

1 The following waste types must not be accepted for waste treatment:

- 1.1 Chemical waste, cytotoxic waste, pharmaceutical waste, recognisable human anatomical waste or radioactive waste, or any clinical and related waste deemed by the Director of Public Health as unsuitable for treatment by the chemical/maceration process.
- 2 Commercial arrangements suitable to the Proponent must be in place with waste producers to ensure at-source exclusion of non-permitted waste types.

G12 Annual Environmental Review

- 1 A publicly available Annual Environmental Review for the activity must be submitted to the Director each year within three months of the end of the reporting period. Without limitation, each Annual Environmental Review must include the following information:
 - 1.1 a statement by the person responsible for the activity acknowledging the contents of the Annual Environmental Review;
 - 1.2 subject to the Personal Information Protection Act 2004, a list of all complaints received from the public during the reporting period concerning actual or potential environmental harm caused by the activity and a description of any actions taken as a result of those complaints;
 - 1.3 a summary of any changes to materials, structures, equipment or processes used in the course of carrying out the activity where those changes may cause or increase the emission of a pollutant or otherwise result in environmental harm;
 - 1.4 the quantities of controlled wastes stored on the land at the end of the reporting period;
 - 1.5 a list of all non-trivial environmental incidents that occurred during the reporting period and any actions taken to prevent or mitigate the impacts of such incidents in future;
 - 1.6 a summary of the data arising from monitoring required by these conditions. This information should be presented in graphical form where possible and should include comparison with the results of previous reporting periods. Discussion of any significant trends observable in the monitoring results over time must be provided;
 - 1.7 identification of breaches of limits specified in these conditions and significant variations from predicted results contained in any relevant DPEMP or EMP, an explanation of why each identified breach of specified limits or variation from predictions occurred and details of the actions taken in response to each identified breach of limits or variance from predictions;
 - 1.8 a list of all failures to comply with these conditions not otherwise reported in the Annual Environmental Review, the reasons why each failure occurred and details of the actions taken in response to each failure; and
 - 1.9 a statement indicating the degree of fulfilment or otherwise of environmental commitments made for the reporting period. For the purposes of this condition commitments includes commitments made in any relevant DPEMP or EMP.

G13 Additional annual reporting requirements for clinical and related waste treatment plant

- 1 Annual Environmental Reviews submitted in accordance with these conditions must include the following additional information:
 - 1.1 a record of all controlled waste received including:
 - 1.1.1 the composition and description of the waste;
 - 1.1.2 the quantity of controlled waste received;
 - 1.1.3 where possible, the person or organisation which generated the waste.

G14 Commissioning of testing

A report on commissioning testing of the waste treatment process must be submitted to the Director at least 14 days prior to commencement of operations.

Atmospheric**A1 Odorous gases**

Odorous gases must be managed, including collection and treatment as appropriate, so that odorous gases do not cause environmental nuisance beyond the boundary of the land.

A2 Covering of vehicles

Vehicles carrying loads containing material which may blow or spill must be equipped with effective control measures to prevent the escape of the materials when they leave the land or travel on public roads. Effective control measures may include tarpaulins and load dampening.

A3 Vehicular dust emissions

Dust emissions from areas of the land used by vehicles must be controlled by dampening of the areas or by other measures to the extent necessary to prevent environmental nuisance.

A4 Control of dust emissions

Dust emissions from roads, disturbed areas, storage heaps, and machinery on the land must be controlled to the extent necessary to prevent environmental nuisance.

A5 Control of dust emissions during construction

- 1 Construction activities must be managed by such measures as are necessary to prevent dust emissions causing environmental nuisance. Such measures may include but are not limited to:

- 1.1 using a dust suppression method such as watering dust generating surfaces; and

- 1.2 ceasing construction activities in windy weather when dust may be blown in the direction of residences or any other sensitive use.

A6 Control of Odours and Pathogens

Unless otherwise approved in writing by the Director, a negative air pressure gradient must be maintained within the clinical and related waste treatment plant during operation and all atmospheric emissions must be subject to High Efficiency Particulate Air filtration and activated carbon filtration as described in Section 4 of the EMP.

Decommissioning And Rehabilitation**DC1 Notification of cessation**

The person responsible for the activity must notify the Director in writing of any event or decision which is likely to give rise to the permanent cessation of the activity within 14 days of becoming aware of that event or decision. The notice must specify the date upon which the activity is expected to cease.

DC2 DRP requirements

Unless otherwise approved in writing by the Director, a draft Decommissioning and Rehabilitation Plan (DRP) for the activity must be submitted for approval to the Director within 30 days of the Director being notified of the planned cessation of operations. The DRP must be prepared in accordance with guidelines provided by the Director.

DC3 Rehabilitation following cessation

- 1 Following permanent cessation of the activity, unless otherwise approved in writing by the Director, the land must be rehabilitated including:

- 1.1 the stabilisation of any land surfaces that may be subject to erosion; and

- 1.2 the removal or mitigation of any environmental hazards or land contamination that might pose an on-going risk of causing environmental harm; and

- 1.3 the decommissioning of any equipment that has not been sold.

- 2 Where a Decommissioning and Rehabilitation Plan (DRP) has been approved by the Director, rehabilitation must be carried out in accordance with that plan.

Effluent Disposal

E1 Leachate management

- 1 Leachate must be collected in a leachate collection system and prevented from escaping from the land into groundwater or surface water.
- 2 Leachate must be managed to prevent nuisance odours, and to minimise human contact with the leachate.

E2 Perimeter drains

- 1 Appropriate measures must be taken to prevent surface run-off from entering the area used or disturbed in carrying out the activity. These measures may include the construction of perimeter cut-off drains at strategic locations on the land, the provision of strategically located sediment fences, and appropriately sized and maintained sediment settling ponds, to ensure that sediment transported along such drains remains on the land.
- 2 Drains must have sufficient capacity to contain run-off that could reasonably be expected to arise during a 24 hour, 1 in 20 year rainfall event. Maintenance activities must be undertaken regularly to ensure that this capacity does not diminish.

E3 Solid matter in effluent

- 1 The discharge of solid matter with liquid effluent must be prevented by all reasonable means. Without limiting the generality of the term, reasonable means includes:
 - 1.1 Effective screening at all points of wastewater ingress to the wastewater treatment system to prevent the entry of gross solids, and
 - 1.2 Implementing comprehensive operating procedures, and appropriate training and supervision of employees, contractors and sub-contractors.
 - 1.3 Good housekeeping, the provision of adequate containers to avoid loss to the floor, the control of spillage by sweeping, shovelling, impoundment, or trapping in a tank or vessel for further treatment before disposal.

E4 Discharges to sewer

All wastewater and polluted and potentially polluted stormwater must be collected and disposed of to sewer in accordance with a Trade Waste Agreement with the operator of the sewerage system. Only unpolluted stormwater may be otherwise discharged from the land.

Hazardous Substances

H1 Storage and handling of hazardous materials

- 1 Other than to the extent of any inconsistency with the *Dangerous Goods Act 1998* and Regulations and any licence pursuant to that Act, and unless otherwise approved in writing by the Director, all environmentally hazardous materials, including all chemicals, fuels, and oils, held on the land in volumes exceeding 250 litres must be stored and handled in accordance with the following:
 - 1.1 Any storage facility must be contained within a spill collection bund with a net capacity of whichever is the greater of the following:
 - 1.1.1 at least 110% of the combined volume of any interconnected vessels within that bund; or
 - 1.1.2 at least 110% of the volume of the largest storage vessel; or
 - 1.1.3 at least 25% of the total volume of all vessels stored in that spill collection bund; or



- 1.1.4 the capacity of the largest tank plus the output of any firewater system over a twenty minute period.
- 1.2 Bunded areas and transport vehicle loading aprons must:
 - 1.2.1 be made of materials that are impervious to any environmentally hazardous material stored within the bund;
 - 1.2.2 be graded or drained to a sump to allow recovery of liquids;
 - 1.2.3 be chemically resistant to the chemicals stored or transferred;
 - 1.2.4 be designed and managed such that the transfer of materials is adequately controlled by valves, pumps and meters and other equipment wherever practical. The equipment must be adequately protected (eg. with bollards) and contained in an area designed to permit recovery of any released chemicals;
 - 1.2.5 be designed such that chemicals which may react dangerously if they come into contact are in different compounds or, if in the same compound, have bunded containment areas that are separate and will prevent spillages mixing; and
 - 1.2.6 be managed such that the capacity of the bund is maintained at all times (eg. by regular inspections and removal of obstructions).
- 1.3 All activities that involve a significant risk of spillages, including the loading and unloading of bulk materials, must take place in a bunded containment area or on the transport vehicle loading apron.

H2 Hazardous materials (< 250 litres)

Unless otherwise approved in writing by the Director, each environmentally hazardous material, including chemicals, fuels and oils, held on the land in volumes of less than 250 litres must, as far as practical and to the satisfaction of the Director, be located within bunded areas or spill trays which are designed to contain at least 110% of the volume of the largest container.

H3 Spill kits

Spill kits appropriate for the types and volumes of materials handled on the land, and which may include relocatable (temporary) bunds, must be kept in appropriate locations to assist with the containment of spilt environmentally hazardous materials.

H4 Inventory of hazardous materials

An inventory of all hazardous materials stored and handled on the land must be kept, which indicates the location of storage facilities, the maximum quantities of each hazardous material likely to be kept in storage and accompanying material safety data sheets.

Monitoring

M1 Dealing with samples obtained for monitoring

- 1 Any sample required to be obtained under these conditions must be subject to the following:
 - 1.1 The sample must be collected and analysed in accordance with the relevant Australian Standards, NATA approved methods or other standard(s) approved by the Director;
 - 1.2 Details relating to the collecting and analysis of the sample must be retained for at least three years after the date of measurement and be made available on request by an authorised officer;
 - 1.3 The sample must be tested in a laboratory accredited by the National Association of Testing Authorities (NATA), or a laboratory approved in writing by the Director, for the specified test; and

- 1.4 The sample must be taken and transported by a person with appropriate training and experience.

M2 Monitoring of Treatment Efficacy

Unless otherwise approved by the Director, samples must be collected and analysed in the manner and frequency as described in Section 5 of the EMP.

Noise Control

N1 Noise Emission Limits

- 1 Noise emissions from the activity when measured at any domestic premises in other ownership and expressed as the adjusted time average A-weighted sound pressure level must not exceed:
 - 1.1 45 dB(A) between the hours of 7:00am and 5:00pm (Day time); and
 - 1.2 40 dB(A) between the hours of 6:00am and 7:00am (Morning shoulder period) and;
 - 1.3 40 dB(A) between the hours of 6:00pm and 10:00pm (Evening time); and
 - 1.4 35 dB(A) between the hours of 10:00pm and 6:00am (Night time)
- 2 Where the combined level of noise from the activity and the normal ambient noise exceeds the noise levels stated above, this condition will not be considered to be breached unless the noise emissions from the activity are audible and exceed the ambient noise levels by at least 5 dB(A).
- 3 The time interval over which noise levels are averaged must be between 10 and 20 minutes.
- 4 Measured noise levels must be adjusted for tonality and impulsiveness in accordance with the *Tasmanian Noise Measurement Procedures Manual*.
- 5 (All methods of measurement must be in accordance with the *Tasmanian Noise Measurement Procedures Manual*, issued by the Director.

N2 Noise Survey Requirements

- 1 A noise survey must be carried out within 60 days from the date of completion of commissioning.
- 2 The survey must include but need not be limited to the following requirements:
 - 2.1 Measurements must be carried out at day, evening and night times at each location; and
 - 2.2 A minimum of 4 measurement locations must be used, with one location established as a control location.
- 3 Subjective descriptions of the sound at each location must be noted. Details of meteorological conditions relevant to the propagation of noise must be included.
- 4 Measurements must include:
 - 4.1 One-third octave and narrow-band spectra over suitably representative periods of not less than 1 minute; and
 - 4.2 the average equivalent (L_{eq}) and L_1 , L_{10} , L_{50} , L_{90} and L_{99} A-weighted sound pressure levels measured over a period of between 10 and 20 minutes.

N3 Noise Survey Report Requirements

- 1 A noise survey report must be forwarded to the Director within 60 days from the date the noise survey is carried out.
- 2 The noise survey report must include the following:
 - 2.1 The results of the measurements required by these conditions.
 - 2.2 A map of the area surrounding the activity with the site boundary, measurement locations, and sensitive uses clearly marked on the map.

- 2.3 Any other information that will assist with interpreting the results and whether the activity is in compliance with these conditions and EMPCA.
- 2.4 Recommendations of appropriate mitigation measures to manage any noise problems identified by the noise survey.

Operations

OP1 Hours of operation

- 1 Unless otherwise approved by the Director in writing, and subject to the following paragraph, the plant must not be open for the reception of waste outside the hours of 6:00am to 5:00pm Monday to Friday.
- 2 The responsible person may allow receipt of waste outside the normal operating hours for contractors where a specific prior arrangement has been made, providing all other conditions are complied with.
- 3 The hours of operation must be posted on a sign, which must be erected and maintained at the entrance to the site.
- 4 Access to the site must be through a gate that must be secured to prevent unauthorised access when the site is unattended.

OP2 Plant and equipment

Unless otherwise approved by the Director all plant and equipment used in carrying out the activity must be maintained and operated in accordance with the manufacturer's specifications.

OP3 Site Staff

While the site is open for receipt of waste, the site must be attended by a person or persons whose duties shall include supervising the management of waste receipt and ensuring compliance with these conditions.

OP4 Operational Procedures Manual

- 1 An Operational Procedures Manual must be developed within 12 months of the date on which these conditions take effect. The manual is to provide detailed information relating to the activity and must detail operational procedures as required to ensure compliance with these conditions. The person responsible must take all reasonable and practicable measures to ensure that personnel, including contractors, carry out their duties in accordance with the manual.
- 2 A copy of the Operational Procedures Manual must be submitted to an Authorized Officer upon request.

OP5 Signage

- 1 the following signs must be erected and maintained in legible condition to convey the following important operational and safety information:
 - 1.1 All drivers are responsible for ensuring that remnant waste and mud are not carried onto public roads.
 - 1.2 Hours of operation (to be installed at the gate or gatehouse).
 - 1.3 Wastes that are accepted.
 - 1.4 Contact staff / organisation and relevant telephone numbers to report any fire or other emergency at the site.

OP6 Treatment Efficacy

- 1 Treatment of clinical and related waste must achieve:
 - 1.1 a ten-thousand-fold or greater reduction in bacterial spores, and
 - 1.2 a million-fold or greater reduction in vegetative cells, upon test organisms appropriate for the treatment process.



Waste Management**WM1 Waste management hierarchy**

- 1 The generation of waste must be avoided as far as is reasonable and practical in accordance with Best Practice Environmental Management.
- 2 Remaining wastes must be managed in accordance with the following hierarchy of waste management:
 - 2.1 waste must be minimised, that is, the generation of waste must be reduced to the maximum extent that is reasonable and practical, having regard to best practice environmental management;
 - 2.2 waste must be re-used or recycled to the maximum extent that is reasonable and practical; and
 - 2.3 waste that cannot be re-used or recycled must be disposed of at a waste depot site or treatment facility that has been approved in writing by the Director to receive such waste, or otherwise in a manner approved in writing by the Director.

WM2 Controlled waste transport

The off-site transport of controlled wastes must be undertaken only by persons authorised to do so under EMPCA or subordinate legislation.

Schedule 3: Information

Legal Obligations

LO1 Notification of incidents under s.32 of EMPCA

- 1 A person responsible for an activity that is not a level 2 activity or a level 3 activity must notify the relevant Council, as soon as reasonably practicable but not later than 24 hours, after becoming aware of the release of a pollutant occurring as the result of any incident in relation to that activity, including an emergency, accident or malfunction, if this release causes or may cause an environmental nuisance.
- 2 A person responsible for an activity that is a level 2 activity or a level 3 activity must notify the Director, as soon as reasonably practicable but not later than 24 hours, after becoming aware of the release of a pollutant occurring as a result of any incident in relation to that activity, including an emergency, accident or malfunction, if this release causes or may cause an environmental nuisance.
- 3 A person responsible for an environmentally relevant activity must notify the Director, as soon as reasonably practicable but not later than 24 hours, after becoming aware of the release of a pollutant occurring as a result of any incident in relation to that activity, including an emergency, accident or malfunction, if this release causes or may cause serious or material environmental harm.
- 4 The Director can be notified by telephoning 1800 005 171 (a 24-hour emergency telephone number).
- 5 Any notification referred to in subsection (1), (2) or (3) must include details of the incident, its nature, the circumstances in which it occurred and any action that has been taken to deal with it.
- 6 This notification can be faxed to the Director on 62 333 800, or delivered by hand.
- 7 Any notification given by a person in compliance with this section is not admissible in evidence against the person in proceedings for an offence or for the imposition of a penalty (other than proceedings in respect of the making of a false or misleading statement).
- 8 For the purposes of subsections (1), (2) and (3):
 - 8.1 a person is not required to notify the Council or the Director of such an incident if the person has reasonable grounds for believing that the incident has already come to the notice of the Council or Director or any officer engaged in the administration or enforcement of this Act; but
 - 8.2 a person is required to notify the Council or the Director of such an incident despite the fact that to do so might incriminate the person or make the person liable to a penalty.
- 9 Any notification given by a person in compliance with this section is not admissible in evidence against the person in proceedings for an offence or for the imposition of a penalty (other than proceedings in respect of the making of a false or misleading statement).

LO2 EMPCA

The activity must be conducted in accordance with the requirements of the Environmental Management and Pollution Control Act 1994 and Regulations thereunder, and in accordance with the principles of Best Practice Environmental Management. The requirements of this permit must not be construed as an exemption from any of those requirements or principles.

LO3 Storage and handling of Dangerous Goods

- 1 The storage, handling and transport of dangerous goods must comply, as a minimum standard, with the requirements contained in the relevant State Acts and Regulations, and any subsequent amendments, including:
 - 1.1 *Dangerous Goods Act 1998*;
 - 1.2 *Dangerous Goods Regulations 1998*;
 - 1.3 *Workplace Health and Safety Act 1995*; and
 - 1.4 *Workplace Health and Safety Regulations 1998*

Commitments Table (Table 17 of the DPEMP)

No.	Commitment	Section of DPEMP	Responsibility	Timeframe
1	SWS will ensure Totally Organic personnel receive appropriate training /accreditation in the principles of general waste management	1.2	SWS	Within 12 months of Commissioning
2	Clinical waste will be treated in accordance with the requirements of Section E, Clause 2.1 of the <i>Approved Management Method for Clinical and Related Waste</i> .	2.2.3	SWS	On-going
3	A negative pressure gradient will be maintained within the CTWP.	4.1.5	SWS	Design
4	The CWTP will be fully enclosed from the point of loading until the waste is effectively sterilised.	4.1.5	SWS	Design
5	Standard Operating Procedures will be developed and implemented for safe operation of the CWTP	4.1.5	SWS	Pre-Commissioning
6	HEPA and sacrificial carbon filters will be fitted prior to air discharge.	4.1.5	SWS	Construction
7	Monitoring will be undertaken following commissioning of the plant to verify that odorous gases do not cause environmental nuisance beyond the boundary of the land.	4.1.5	SWS	Post-Commissioning
8	Conservative speed restrictions within the quarry site will be implemented to minimise dust generation during operation.	4.1.5	Totally Organic	Operation
9	Contracts will be in place to prohibit certain types of waste (e.g. flammable solvents, cytotoxic wastes, bulk blood, etc) being introduced into the clinical and related waste stream for treatment.	4.1.6	SWS	Pre-Commissioning
10	Surface run-off and erosion control will be included in the CEMP.	4.2.4	Contractor	Pre-Construction
11	Leachate will be sampled and analysed to verify compliance with the <i>GCC Trade Waste Guidelines – Acceptance Specifications</i> prior to the initiation of disposal to sewer.	4.2.5	SWS	Commissioning
12	The waste handling area and	4.2.5	SWS	Construction

	disposal point for general waste will be cambered such that any surface flow of water will enter the walking floor pit and hence the leachate collection drains.			
13	Operating hours will be between 6:00 am – 5:00 pm Monday – Friday and between 8:30 am – 5:00 pm Saturdays.	4.4.4.2	Totally Organic	Operation
14	Project specific day-time noise criterion of 45 dB(A) $L_{eq,15\text{ minutes}}$ at the nearest sensitive receivers and shoulder period criterion of 39 dB(A) $L_{eq,(15\text{ minutes})}$	4.4.5.2	Totally Organic	Operation
15	Spill kits will be located at the clinical waste unloading point.	4.5.4.1	Totally Organic	Commissioning
16	Incidents of clinical waste spills will be recorded on complaints and incidents register.	4.5.4.1	Totally Organic	Operation
17	An inventory will be kept of all hazardous materials stored on the site, which will identify the location of storage facilities, the maximum quantities of each hazardous material likely to be kept in storage and accompanying material safety data sheets (MSDS).	4.6.4	Totally Organic	Operation
18	If dust becomes an issue during construction, machinery will only be operated in low wind conditions or water carts will be employed to reduce the dispersion of dust particles as required.	4.12.3	Contractor	Construction
19	Non-reflective materials, in natural colours will be used for construction.	4.12.4	SWS	Construction
20	A construction Health and Safety Management Plan (HASP) will be developed prior to construction works beginning.	4.14.3	SWS	Pre-Construction
21	An Environment, Health and Safety Management System (EHS MS) will be prepared for the operation of the proposal. The EHS MS will meet the requirements of AS 4804 Occupational Health and Safety Management Systems (OHS MS), and ISO 14000 series Environmental Management Systems (EMS).	4.14.3	SWS	Pre-Commissioning
22	Signage to be displayed during construction and temporary speed	4.15.2	Contractor	Construction

	limits imposed as necessary to manage heavy equipment movements close to public access areas.			
23	An Emergency Response Plan (ERP) will be developed in accordance with AS/NZS 3816:1998 Management of clinical and related wastes.	4.15.3	Totally Organic	Pre-Commissioning
24	A Traffic Management Plan will be included in the CEMP.	4.17.4	Contractor	Pre-construction
25	The construction contractor will have a suitable EMS.	4.18	Contractor	Pre-Construction
26	A CEMP will be prepared and submitted to DTAE prior to construction.	4.18.1	Contractor	Pre-Construction
27	The operator will prepare and implement an EMP prior to commissioning. This plan will be reviewed and updated within 24 months of commissioning.	4.18.2	Totally Organic	Pre-Commissioning
28	Microbiological testing will be undertaken during commissioning and operation of the CWTP in order to continually confirm the treatment efficacy.	5.2	SWS	Commissioning / Ongoing
29	A complaints and incidents register will be developed and maintained as part of the CWTP and WTS EHS MS.	5.4	Totally Organic	Post Construction
30	A review of operations and associated management plans will be undertaken 12 months after commissioning of the CWTP and WTS (and at three-yearly intervals thereafter) and will include results of the regular monitoring programs.	5.5	SWS	12 months after Commissioning
31	A site decommissioning and rehabilitation plan will be developed and submitted to DTAE for approval at least three months prior to decommissioning.	6	SWS	Pre-Decommissioning

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