

WASTE MANAGEMENT PLAN (for proposed Dental Clinic)

Location: 279 Torquay Road, Grovedale VIC 3216

1. Introduction

This Waste Management Plan (WMP) outlines the procedures for handling, storing, segregating, and disposing of general, recyclable, clinical, and regulated wastes generated by the proposed dental clinic located at 279 Torquay Road, Grovedale.

The plan demonstrates compliance with relevant City of Greater Geelong requirements and Victorian EPA guidelines for medical and clinical waste.

The clinic comprises six surgeries, sterilisation room, OPG area, reception, waiting room, staff/plant areas and associated storage as shown on architectural drawings. Bin and water tank areas are located at the rear of the site near staff bicycle storage

2. Waste Streams Generated

The dental clinic will generate the following categories of waste:

2.1 General Waste (Non-hazardous)

- Paper towels, packaging, plastic wrap
- Disposable cups, non-recyclable plastics
- Small volumes of kitchen waste (staff)

2.2 Recycling

- Cardboard packaging
- Clean plastics
- Paper, brochures, admin waste

2.3 Clinical Waste (Regulated Medical Waste)

Handled under EPA guidelines:

- Blood-contaminated waste
- Saliva-soaked materials
- Treatment room waste requiring yellow clinical bags
- Sharps (needles, endodontic files, scalpels) – collected in approved sharps containers

2.4 Chemical Waste

- Dental amalgam residues
- Cleaning chemicals

- Disinfectant residue

2.5 Pharmaceutical Waste

- Local anaesthetic cartridges
- Expired drugs
- Disposed through licensed pharmaceutical waste contractors

2.6 E-Waste

- Old small equipment
 - Batteries
 - Used sensors or electronics
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3. Waste Storage & Bin Locations

3.1 External Bin Storage

According to the architectural site plan submitted, bins are stored at the designated “Bins Location” at the rear of the site, adjacent to staff bicycle storage and near the carpark access zone.

This area is:

- Fully accessible for waste collection vehicles if needed
- Screened with **EverArt aluminium batten screening (FG)** as per the plans
- Located away from pedestrian access areas
- At grade, with solid pavement providing safe manoeuvring

3.2 Internal Waste Storage

Each surgery and sterilisation room will contain:

- Colour-coded clinical waste bins
- Sharps containers mounted at safe heights
- General waste and recycling bins (foot-operated)

Waste is transferred to the rear external bin enclosure daily.

4. Waste Quantities & Bin Requirements

4.1 Estimated Weekly Waste Volumes

Based on a six-surgery dental practice:

Waste Type	Estimated Volume	Collection Method
General waste	240–480 L/week	Private contractor (EasyWaste)
Recycling	240–480 L/week	Private contractor (EasyWaste)
Clinical waste	20–60 L/week	Private contractor (EasyWaste)
Sharps	1–2 containers/month	Private contractor (EasyWaste)
Chemical waste	Minimal, periodic	Licensed collection
Pharmaceutical waste	Minimal, yearly	Licensed collection

4.2 Proposed Bins

- **1 × 660 L General Waste wheelie bin**
- **1 × 660 L Recycling wheelie bins**
- **Clinical Waste Wheelie Bin (240 L)** – contractor supplied
- **Sharps containers** – located in surgeries and replaced by contractor
- **Chemical waste containers** – contractor supplied

5. Waste Collection & Contractor Arrangements

5.1 Private Licensed Contractor Collection

A licensed clinical waste contractor (EasyWaste) will collect:

- General waste
- Recycling waste
- Clinical (yellow bag) waste
- Sharps containers

Bins will be wheeled to the kerb from the rear storage area via the driveway (as shown on plans) without obstructing vehicle access.

Contractor pickups occur fortnightly, or more frequently as required.

6. Waste Handling Procedures

6.1 General & Recycling Waste

- Segregated at source in clearly labelled bins
- Staff trained in recycling practices
- Cardboard flattened before placement in recycling bins

- Removed from surgeries at the end of each day

6.2 Clinical Waste

- Placed in compliant yellow clinical waste bags
- Bags sealed before removal
- Stored in the secure clinical waste wheelie bin
- Not compacted, crushed, or mixed with other waste
- Picked up by licensed contractor

6.3 Sharps Waste

- Placed immediately into AS4031/AS4261-approved sharps containers
- Never overfilled beyond 75% capacity
- Collected by contractor

6.4 Chemical Waste & Amalgam

- Amalgam separators installed on suction lines
- Collected and serviced by dental equipment contractor
- Stored in sealed containers in plant/chemical storage area
- Picked up as required by specialist services

6.5 Staff Training

All dental clinic staff receive induction training on:

- Waste segregation
- Sharps handling
- Spill management
- Infection control
- EPA-compliant storage and transport requirements

Training is refreshed annually.

7. Odour, Noise & Amenity Controls

- External bin area fully screened (EverArt batten screen as per plans)
- Area located remote from neighbouring dwellings to minimise impacts

279 Torquay road plans

- Bins kept closed at all times
- Area washed down regularly

- Clinical waste stored in sealed contractor bins only
 - Collection times scheduled to avoid peak clinic or high traffic road hours
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8. Compliance

This plan meets:

- **EPA Victoria – Clinical and Related Waste Guidelines**
 - **City of Greater Geelong Waste Management Requirements**
 - **AS/NZS 3816:2018 – Management of Clinical and Related Wastes**
 - **AS4031 / AS4261 – Sharps Containers**
 - All infection control standards for healthcare premises
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9. Review of the Waste Management Plan

- Reviewed annually or when clinic operations change
- Updated if additional surgeries or services are added
- Records kept of all waste contractor collections