

APPENDIX 3 ► Resource Consents, Management Plans and Audit

Reports

SCHEDULE A: INFORMATION TO BE SUBMITTED WITH RESOURCE CONSENT APPLICATION

1. Description of activity for which consent is sought.
2. An assessment of potential effects of low probability events of high potential impact.
3. The nature and quantity of any hazardous substance to be stored (land use consent) or contaminant to be discharged (discharge consent).
4. Provisions for the detection of any leakage of contaminants or discharge of contaminants not allowed by resource consent.
5. Proposed emergency response procedures and contingency plans including:
 - Detection of leakage of contaminants or discharge of contaminants in contravention of resource consent.
 - Power failure.
 - Fire
 - Earthquake
 - Staff Training
6. Proposed conformance with corporate environmental performance standards, national or industry group codes of practice, or other recognised environmental, health, or safety standards.
7. Proposed environmental monitoring (if any).
8. Proposals for audit and reporting to the Gisborne District Council regarding environmental compliance.
9. The proposed Management Plan for the site (see Rule 8 & 9 and Appendix 3 Schedule B).
10. The effect of the proposal on the implementation of the provisions of this plan.

Any of the matters set out in the Fourth Schedule of the Resource Management Act 1991 to the extent relevant.

SCHEDULE B: MATTERS TO BE ADDRESSED IN MANAGEMENT PLANS

SECTION 1 : Introduction

- 1.1 General Description of the Site, Including Ownership and Management Responsibilities.
- 1.2 Approvals and Consents Obtained.
- 1.3 Staging.
- 1.4 Projected Life.
- 1.5 End Use.
- 1.6 Initial Upgrading.
- 1.7 Geotechnical Investigation.
- 1.8 Environmental Impact Assessment.
- 1.9 Any Implications of Site Management and Operation of for lwi (this may require consultation).

SECTION 2 : Management

- 2.1 Right of Access.
- 2.2 Hours.
- 2.3 Kiosk Operation and Charging.
- 2.4 Operation Contract.
- 2.5 Management Structure.
- 2.6 Staff Requirements.
- 2.7 Staff training relevant to duties to be undertaken, which incorporates instruction on appropriate processes and methods for avoiding adverse environmental effects.
- 2.8 Operator's Guide.
- 2.9 Annual Review and Report.
- 2.10 Identification of management responsibilities, including ensuring that these facilities are sufficiently resourced and supervised for compliance with resource consents and environmental regulatory requirements.
- 2.11. Identification of corporate environmental performance standards, national or industry group codes of practice, or other recognised environmental, safety, or health standards to which the operation of the facility will comply, and a description of the means for auditing compliance.

SECTION 3 : Operation

3.1 Site Preparation

- ▶ Tip Head.
- ▶ Signs.
- ▶ Screens.
- ▶ Perimeter Fencing.
- ▶ Landscaping.

3.2 Water Control

- ▶ Identification of discharges of stormwater and leachate. Environmental effects of these and the safeguards in place to avoid or reduce the effects.
- ▶ Methods for avoiding, remedying, or mitigating overload of the system by stormwater ingress.

3.3 Landfilling

- ▶ Method of landfilling.
- ▶ Size of face.
- ▶ Height of lifts.
- ▶ Access roads.

3.4 Compaction

- ▶ Method of compaction.
- ▶ Degree of compaction.
- ▶ Method of compaction testing.
- ▶ Frequency of compaction testing.

3.5 Hazardous wastes

- ▶ Documentation.
- ▶ Identification of wastes which are acceptable/unacceptable for disposal at the site.
- ▶ Identification of wastes which can only be accepted under special (specified) conditions.
- ▶ Waste compatibilities.
- ▶ Methods of disposal.
- ▶ Monitoring and recording.
- ▶ Reporting results to regional council.
- ▶ Waste in drums.

3.6 Liquid Waste

- ▶ Acceptable/unacceptable wastes.
- ▶ Methods of disposal.
- ▶ Areas of disposal.
- ▶ Maximum loadings.
- ▶ Monitoring.

3.7 Cover Material

- ▶ Type of cover material to be used.
- ▶ Depth of cover.
- ▶ Amount of cover material to be used.
- ▶ Final cover.
- ▶ Importing of cover material.
- ▶ Stockpiling of cover material.
- ▶ Surface water runoff.

3.8 Inert Fill

- ▶ Method of disposal.

3.9 Control of nuisances and Adverse Effects

- ▶ Spillages.
- ▶ Litter.
- ▶ Dust.
- ▶ Vermin.
- ▶ Birds.
- ▶ Scavengers.

- ▶ Odours.
- ▶ Landfill Gas.

3.10 Monitoring and Records

- ▶ Groundwater.
- ▶ Surface Water.
- ▶ Landfill Gas.
- ▶ Refuse Quantities. Monitoring requirements and procedures including random checking of incoming wastes.
- ▶ Hazardous wastes.

3.11 Emergency Procedures and contingency plans including:

- ▶ Fire.
- ▶ Landfill Gas.
- ▶ Detection of leakage of contaminants.
- ▶ Discharge of contaminants in contravention of resource consent conditions.
- ▶ Power failure.
- ▶ Earthquake.
- ▶ First Aid.
- ▶ Emergency Contacts.
- ▶ Emergency response procedures.

3.12 Maintenance Requirements

SECTION 4 : Reinstatement

- 4.1 Final Landform.
- 4.2 Closure and After Care.

SECTION 5 : Approval Documentation

A description of the system of documentation in use covering:

- (a) **Approval to dispose of**
 - ▶ General waste
 - ▶ Liquid waste
 - ▶ Hazardous wastes
 - ▶ Special Wastes
- (b) Access Control
- (c) Bulk Disposal Agreements

SECTION 6 : Plans

- ▶ Drawings.
- ▶ Aerial Photograph.
- ▶ Staged Management Plans.
- ▶ Final Landform Plan.

SECTION 7 : Liquid Discharges

- ▶ General description of site and operation, including ownership, management responsibilities and any consents needed or obtained.
- ▶ Environmental impact assessments.
- ▶ Hours and timing of operation.
- ▶ Right of access and access in general.
- ▶ Staff requirement, responsibilities and training.
- ▶ Discharge characteristics (including method, content and quantity).
- ▶ The nature of the receiving environment.
- ▶ Management of the discharge so that it complies with its consent.
- ▶ Treatment processes.
- ▶ Contingency plans.
- ▶ Monitoring and review.

(Source: Adapted from the Centre for Advanced Engineering Canterbury University Waste Management Project, 1992.)