

# DRAFT ENVIRONMENTAL MANAGEMENT PLAN (EMP)

1799A GREAT SOUTH ROAD, AUCKLAND



**Aarons Contracting**

PREPARED FOR: AARONS CONTRACTING

ISSUED: November 2025

| DOCUMENT CONTROL  |                  |  |                 |            |
|-------------------|------------------|--|-----------------|------------|
| Report Title:     |                  | Aarons Contracting Environmental Management Plan   |                 |            |
| Document ID:      |                  | EMP  | Project Number: | J1612      |
| Client:           |                  | Aarons Contracting<br>C/- Vernon Developments Ltd  | Client Contact: | Cam Vernon |
| Rev:              | Date:            | Description of Revision                            | Modified By:    | Approver:  |
| 0                 | November<br>2025 | Preparation of Draft Environmental Management Plan | TSC             | TSC        |
| Current Revision: |                  | 1.0  |                 |            |

# TABLE OF CONTENTS

|  |           |
|--|-----------|
| <b>DOCUMENT CONTROL</b>                                | <b>2</b>  |
| <b>TABLE OF CONTENTS</b>                               | <b>3</b>  |
| <b>1.0 INTRODUCTION</b>                                | <b>4</b>  |
| 1.1 ENVIRONMENTAL CONTEXT                              | 4         |
| 1.2 SUMMARY OF PROPOSED SITE OPERATIONS                | 5         |
| <b>2.0 REGULATORY MATTERS</b>                          | <b>7</b>  |
| 2.1 RESOURCE CONSENTS AND PERMITS                      | 7         |
| 2.2 AUCKLAND UNITARY PLAN (OPERATIVE IN PART)          | 7         |
| 2.3 NEW ZEALAND LEGISLATION                            | 8         |
| 2.4 SUMMARY OF AUP(OP) REGULATORY ASSESSMENT           | 8         |
| <b>3.0 CHAPTER E31 HAZARDOUS SUBSTANCES</b>            | <b>11</b> |
| <b>4.0 CHAPTER E33 INDUSTRIAL AND TRADE ACTIVITIES</b> | <b>11</b> |
| 4.1 ASSESSMENT OF INDUSTRIAL / TRADE ACTIVITIES        | 11        |
| 4.2 INDUSTRIAL OR TRADE ACTIVITY AREA                  | 11        |
| 4.3 ITA RISK CRITERIA                                  | 12        |
| 4.4 CHAPTER E33 ACTIVITY STATUS                        | 12        |
| <b>5.0 AARONS CONTRACTING</b>                          | <b>12</b> |
| 5.1 OPERATIONAL OVERVIEW                               | 12        |
| 5.2 POLLUTION RISKS AND CONTROLS                       | 13        |
| 5.3 RESPONSIBILITIES                                   | 15        |
| 5.4 HEALTH AND SAFETY                                  | 15        |
| 5.5 CERTIFICATION                                      | 15        |
| 5.6 VISUAL INSPECTIONS                                 | 16        |
| <b>6.0 STORMWATER</b>                                  | <b>16</b> |
| 6.1 MONITORING   | 16        |
| <b>7.0 GENERAL SITE MANAGEMENT</b>                     | <b>16</b> |
| <b>8.0 SPILL RESPONSE PLAN</b>                         | <b>16</b> |
| 8.1 STEP 1 - CEASE                                     | 17        |
| 8.2 STEP 2 – CONTAIN                                   | 18        |
| 8.3 STEP 3 – CLEAN UP                                  | 18        |
| <b>9.0 INCIDENT RESPONSE</b>                           | <b>18</b> |
| <b>10.0 AUDITING, REPORTING AND RECORD KEEPING</b>     | <b>19</b> |
| 10.1 SITE INCIDENT REGISTER                            | 19        |
| 10.3 STAFF TRAINING                                    | 19        |
| <b>11.0 REVIEW OF EMP</b>                              | <b>19</b> |

## 1.0 INTRODUCTION

Aarons Contracting operate a rural industry activity from 1799A Great South Road, Bombay (Lot 6 DP 156089). They propose to relocate within the site to establish and operate from the north-west corner of the site, occupying an area of approximately 5,700m<sup>2</sup>.

The activity involves the stockpiling of green waste and logs which are processed (mulched and wood chipped) and stored on-site. Up to 300m<sup>3</sup> of unprocessed green waste may be held on site at any time. The chipped product is either sold directly as woodchip or stockpiled for about 3-4 months as a coarse garden mulch. A basic compost is also produced from the green waste where the green waste is put through a grinder and stored on-site for approximately 6 months and turned very couple of weeks to introduce oxygen and maintain even heat. All processed products are stored within sections, separated by concrete block walls. The block walls are used to separate materials at the different stages of processing. The activity is not covered and is exposed to rainfall.

As part of the resource consent application for the activity, Auckland Council have deemed the mulch and green waste storage areas meet the definition of an Industrial and Trade Activity ('ITA') area and consequently the discharge of contaminants from the green waste areas trigger *controlled activity* consent under Auckland Unitary Plan (Operative in Part) ('AUP(OP)').

This Environmental Management Plan (EMP) has been prepared to address the requirements of the AUP(OP) with respect to managing potential discharges that may arise from an Industrial / Trade activity (including storage and use of hazardous substances) onto land or into rivers, streams, groundwater aquifers, or coastal water ways. This Environmental Management Plan has been prepared specific to the requirements of hazardous activities or industrial trade activities associated with operation of Aarons Contracting at 1799A Great South Road, Bombay where the appropriate management for discharges includes on-site treatment prior to discharge to the receiving environment.

No discharges of hazardous or potentially environmentally harmful substances are anticipated under the normal operation of the facility to the land or any waterway. Therefore, the primary goal of this EMP is to provide practices and procedures to avoid discharges in the first instance, and where accidental spillages occur, provide robust mechanisms to minimise the discharge of potentially hazardous substances from site.

This EMP is intended to be a live document that will be reviewed and updated as the design and operational phases of the proposed development progress.

### 1.1 ENVIRONMENTAL CONTEXT

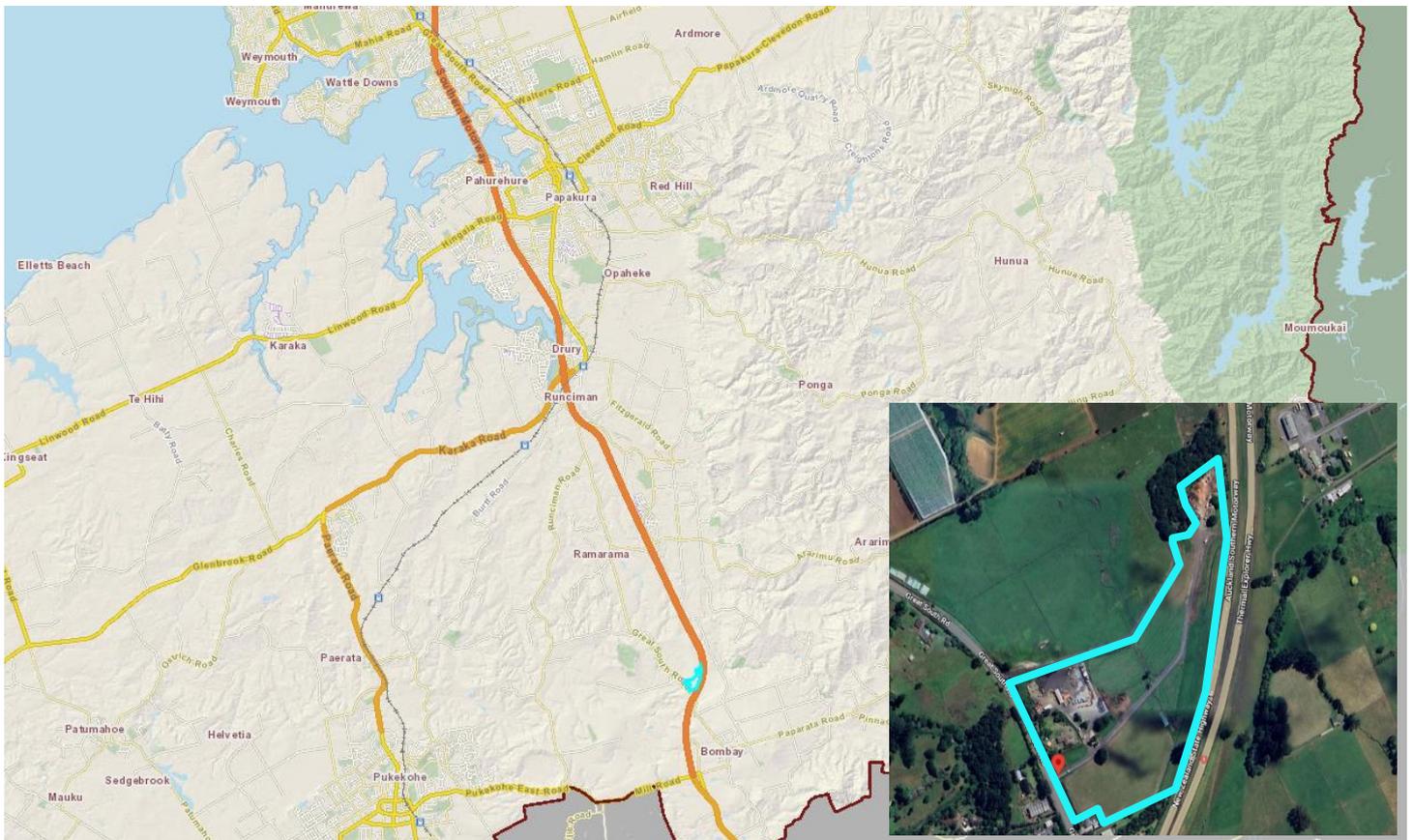
The site is within a Mixed Rural Zone directly adjacent to, and on the western side of, the Southern Motorway, as shown in *Figure 1* below.

A portion of the property lies within the Bombay Drury Kaawa and Bombay Volcanic Aquifers, listed as a High Use Aquifer Management Areas in the Auckland Council GEOMaps website groundwater overlay.

The piece of land is generally flat. The site is located within the Ngakaroa Stream catchment of the Manukau Harbour. Stormwater from existing impermeable metal surfaces in the north-western corner of the property where Aarons Contracting will be relocated currently flows over the land and exits the property via sheet flow in the north-west corner of the property.

A review of the floodplains, flood prone areas, and flood sensitive areas of the Auckland Region modelled by Auckland Council (available on the GEOMaps server) revealed a portion of the site falls within the 1% AEP floodplain, however this does not extend to the north-west corner of the site.

Figure 1: Site Location



## 1.2 SUMMARY OF PROPOSED SITE OPERATIONS

Aarons Contracting specialise in scrub mulching within the Auckland area with the majority of the activity involving mulching and wood chipping green waste created from vegetation removal. Green waste is generated from the following activities:

- Shelterbelt topping and removal
- Forestry slash
- Gorse and scrub mulching
- Dead tree removal
- Vegetation removal
- Tree rescue service

From these activities, the following green waste products are brought to the yard for processing:

- Branches and logs – processed into mulch for landscaping and wood chip for farm animal bedding (i.e calf sheds);
- Scrub vegetation such as gorse and blackberry – processed into compost for a planting media or nutrient additive for pastoral or horticultural land;
- Rescued trees that are temporarily stored in the yard area prior to re-sale to rural property owners and orchardists.

There will be up to approximately 1,000m<sup>3</sup> of mulch, 300m<sup>3</sup> of green waste, 300m<sup>3</sup> of processed green waste (compost going through its aging process) and approximately 150m<sup>3</sup> of log wood stockpiled on the site. The amount of green waste processed per month averages out to be approximately 75m<sup>3</sup>-100m<sup>3</sup>.

Only vegetative material that has been processed through the grinder (and stored within the yard area for approximately 6 months) is composted. The compost pile is turned every week to introduce oxygen and maintain the heat in the pile.

The mulching and wood chipping processing is only undertaken when there is a suitable amount of stockpiled material, typically once every 2-3 months and occurs over a 1 – 2 day period.

There are no buildings associated with this rural industry activity and there are no chemical additives used in any part of the green waste processing activities. No other materials such as food scraps or manure are added to the mulching or composting process.

In addition to the areas used for storage of green waste and processed products, an area of parking is proposed beside the existing hay barn building, comprising 4 staff parking spaces and 4 equipment parking spaces. The mobile mulching/grinding machine is stored on the back of a trailer that will be parked in the yard when not in use at a work site.

The machinery associated with Aarons Contracting is set out below:

- 5x excavators
- 1x grinder machine (trailer based)
- 2x tip trucks
- 3x chipper machines
- 2x tree planting machines
- 1x tractor unit truck.

When not in use at work sites, the above machinery will be stored on site in the identified areas on the proposed development plan:

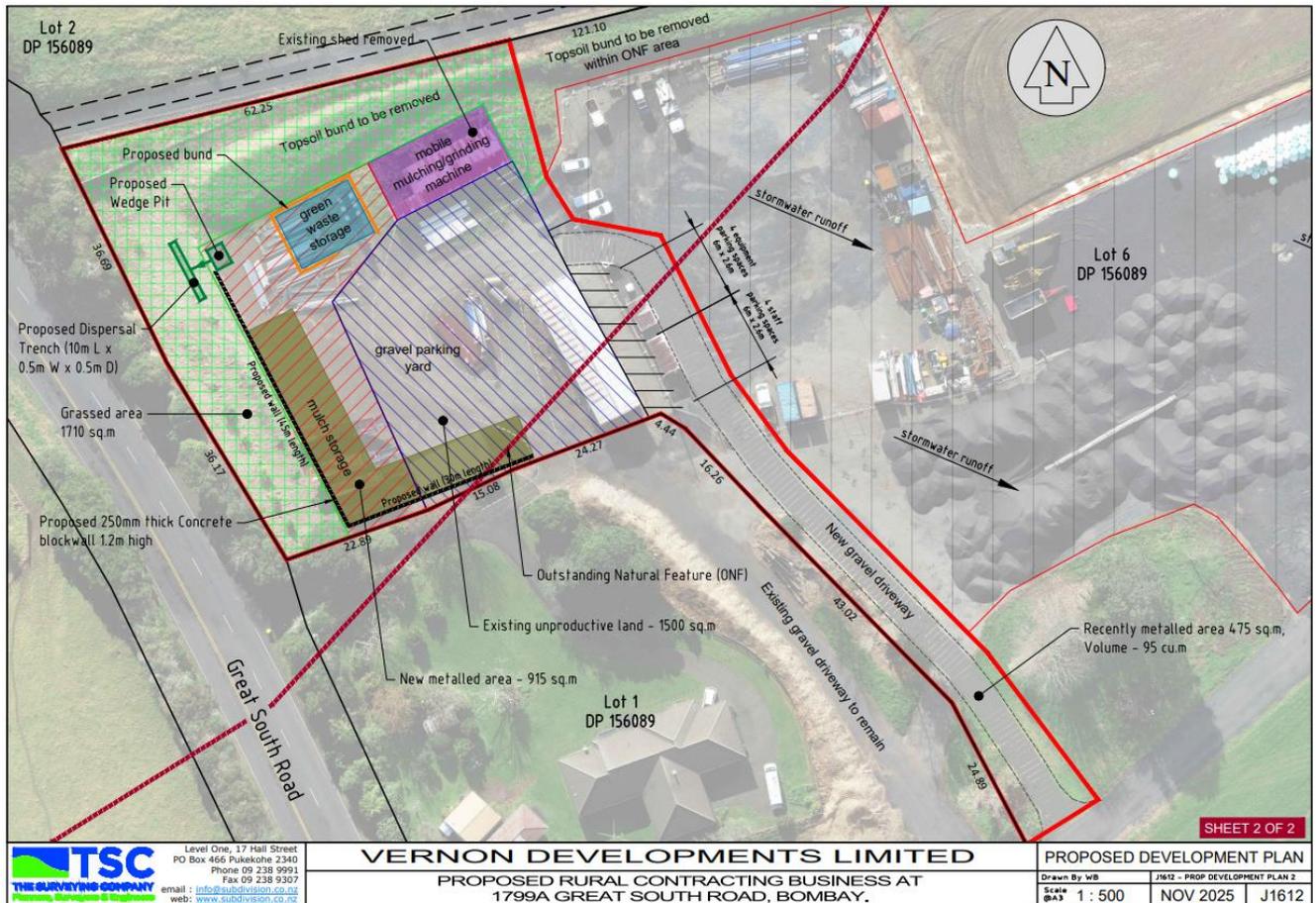


Figure 2: Proposed Development Plan for Aarons Contracting Rural Industry Activity, NOV 2025

## 2.0 REGULATORY MATTERS

### 2.1 RESOURCE CONSENTS AND PERMITS

Vernon Developments are seeking all appropriate consents for Aarons Contracting to operate a rural industry activity from the north-western corner of the site. This will include the installation of an onsite stormwater treatment system for the yard / parking area. This section will be updated following granting of all applicable resource consents.

### 2.2 AUCKLAND UNITARY PLAN (OPERATIVE IN PART)

The AUP(OP) is a combined regional policy statement, regional coastal plan, regional plan, and district plan developed to provide a framework for the management of natural and physical resources within the Auckland region in accordance with the Resource Management Act 1991. The primary section of relevance of the AUP(OP) for this EMP are:

#### 2.2.1 Chapter E33 Industrial and Trade Activities.

This EMP considers Chapter E33 of the AUP(OP), dealing specifically with Industrial and Trade activities within the Auckland area. Chapter E33 has been developed to ensure that all industrial and trade activities are subject to appropriate management to ensure that actual or potentially hazardous substances are appropriately treated to prevent the discharge of contaminants to land or into rivers and streams. The overarching purpose of Chapter E33 is to avoid discharges to the environment in the first instance, and where these cannot be avoided, ensuring that good site practices are implemented to minimise that discharge.

The green waste storage and green waste processing activities are unlisted Industrial or Trade Activities under E33.4.1 (A3) and are a permitted activity where compliance is achieved with the relevant standards.

The discharge of contaminants from the green waste areas requires consent as a controlled activity under E33.4.2(A12). Therefore, treatment of these contaminants is required. While the yard area is designed for heavy vehicle manoeuvring, the yard does not meet the definition of 'high contaminant generating car park' under Chapter J *Definitions* of the AUP(OP) as the formal vehicle parking areas associated with Aarons Contracting yard are not designed for a total of more than 30 vehicles. This means that the rules of Chapter E9 *Stormwater Quality - High contaminant generating car parks and high use roads* of the AUP(OP) are not applicable.

## 2.3 NEW ZEALAND LEGISLATION

This EMP has primarily been prepared to address the requirements of the AUP(OP). However, the requirements of the *Health and Safety at Work (Hazardous Substances) Regulations 2017*, the *Hazardous Substances and New Organisms Act 1996*, and the *Hazardous Substances (Emergency Management) Regulations 2001* (revoked 2017 and replaced by the HSWHSR 2017) are considered as necessary, where those provisions are referenced under Chapter E33 of the AUP(OP).

## 2.4 SUMMARY OF AUP(OP) REGULATORY ASSESSMENT

- **Permitted Activity** – E33.4.1(A3): use of land for a new industrial or trade activity not listed in Table E33.4.3; and
- **Controlled Activity** – E33.4.2(A12): discharge of contaminants from a new industrial or trade activity not listed in Table E33.4.3 where the permitted discharge standards are not met.

A summary of the proposed green waste areas (ITA) assessed against the activity criteria of Chapter E33 is presented in Tables below.

**Table 1 - E33 Industrial and Trade Activities**

| <b>E33 Industrial and Trade Activities - E33.6 Standards</b> |  |  |
|--|--|--|
| <b>E33.6.1.1 (1)</b>   | Wastewater and wash water produced by the ITA must be disposed of to the reticulated sewer with the approval from Watercare, or collected and disposed of appropriately.   | Complies. As there are no staff on-site full time on a daily basis, no staff facilities are provided. A port-a-loo will be located within the yard for staff use and the associated wastewater will be collected and disposed of by a contractor.  |
| <b>E33.6.1.1 (2), (3), (4)</b>                               | A spill response plan appropriate for the hazardous substances identified in E31 is required.  | Complies. A Spill Response Plan prepared in line with Auckland Council's factsheet: <i>Being Prepared for a Spill' and Preparing a Spill Response Plan (SRP) FS_.ITA03</i> has been prepared for the activity. Please see section 8.0 of this EMP.   |
| <b>E33.6.1.1 (5), (6)</b>                                    | Hazardous substances must be stored in secondary containment and any other HSNO specific storage.  | Complies. Spills of green waste and processed green waste are not considered hazardous. There is a 1,800L diesel trailer that will be stored within the yard, however this trailer is owned by a fuel company and is regularly maintained and meets the required regulations for fuel storage. The trailer is taken to work sites for refuelling machinery/company vehicles. |
| <b>E33.6.1.1 (7)</b>   | Above ground storage of hazardous substances<br>a. for tanks the bund requires a storage capacity of at least 110%<br>b. for drums storage height of at least 100mm  | Complies. No environmentally hazardous substances not covered by Part 4 of the HSEM Regulations 2001 will be stored in above-ground storage tanks or drums.  |
| <b>E33.6.1.1 (8)</b>   | All secondary containment devices must be designed so that uncontaminated rainwater is prevented from flowing into the contained area.   | No secondary containment devices are required.   |
| <b>E33.6.1.1 (9)</b>   | Weekly inspections must be undertaken to check containment.  | Complies - Inspections proposed as per the EMP.  |
| <b>E33.6.1.1 (10)</b>  | Regular reconciliation process required for underground storage tanks.   | N/A  |
| <b>E33.6.1.1 (11)</b>  | Any waste compactors and bins must be located and operated to prevent leaks.   | N/A  |
| <b>E33.6.1.1 (12)</b>  | All on-site vehicle re-fuelling areas must be segregated and housed under cover, and/or surrounded by a drain that drains to an appropriately designed and sized stormwater treatment and spill containment device fitted with a shut-off valve. | N/A  |
| <b>E33.6.1.1 (13)</b>  | Operations must be undertaken in accordance with an Environmental Management Plan prepared in accordance with Table E33.9.2.   | Complies. Refer to EMP submitted in support of the application.  |
| <b>E33.6.1.1 (14)</b>  | Relates to industrial and trade activities located with sewage treatment facilities.   | N/A  |

|                  |   |   |
|------------------|---|---|
| <b>E33.6.1.2</b> | <p>Discharge from an industrial or trade activity area.</p> <p>The discharges of contaminants from an industrial or trade activity area must result in less than minor adverse environmental effects on the receiving environment without the need for stormwater treatment (with the exception of on-site vehicle refuelling areas requiring stormwater treatment and spill contaminant devices under the permitted activity Standard E33.6.1.1(12).</p> | <p>Stormwater treatment is required.</p> <p>The potential discharge of contaminants to the environment are expected to be less than minor for the following reasons:</p> <ul style="list-style-type: none"><li>• the activity does not involve the use of any hazardous substances;</li><li>• stormwater treatment is proposed to the north-west corner of the yard area. Stormwater from the ITA area will be directed to a proposed wedge pit and dispersal trench in the north-western corner of the yard area that will minimise the discharge of Total Suspended Solids (TSS) and prevent the movement of these fine particulates from the activity area.</li><li>• concrete block walls along the southern and western edges of the processed green waste storage areas as well as a bunded area around the green waste storage area are also proposed to minimise the discharge of TSS contaminants and BOD contributing organic matter.</li></ul> |
|------------------|---|---|

### 3.0 CHAPTER E31 HAZARDOUS SUBSTANCES

No storage of hazardous substances is proposed as the processing of the green waste materials does not involve the use of any mulch additives or agrichemicals. No other materials such as food scraps or manure are added to the mulching process.

### 4.0 CHAPTER E33 INDUSTRIAL AND TRADE ACTIVITIES

Chapter E33 of the AUP(OP) deals specifically with environmentally hazardous substances associated with industrial and trade activities and their potential effects on the receiving environments by avoiding discharges in the first instance, and through good onsite management of hazardous substances where discharges cannot be avoided. The AUP(OP) includes the following primary objective:

#### ***E33.2. Objective***

- (1) *Industrial and trade activities are managed to avoid adverse effects on land and water from environmentally hazardous substances and discharge of contaminants, or to minimise the adverse effects where it is not reasonably practical to avoid them.*

#### 4.1 ASSESSMENT OF INDUSTRIAL / TRADE ACTIVITIES

The storage and processing of green waste materials is not an activity listed under Table E33.4.3 however the discharge of contaminants from an unlisted activity where the permitted discharge standards are not met requires controlled activity consent and specific controls are necessary to address the potential discharge of contaminants to the environment.

#### 4.2 INDUSTRIAL OR TRADE ACTIVITY AREA

The AUP(OP) Chapter J *Definitions* defines ITA areas using the following criteria:

##### ***Industrial or trade activity area***

*The area of land or coastal marine area where a particular industrial or trade activity is being undertaken, which may result in the discharge of environmentally hazardous substances associated with that activity onto or into land or water. The calculation of the industrial or trade activity area must be based upon the following areas:*

- *All roof areas onto which environmentally hazardous substances generated by the activity are deposited;*
- *All outdoor storage, handling, or processing areas of materials and / or products that may contribute to the quality or quantity of environmentally hazardous substance discharges (including occasional or temporary use of areas);*
- *The area at risk from failure of the largest unbanded container used for the activity that may contribute to the quality or quantity of environmentally hazardous substance discharges; and*
- *All areas (including roofs) that contribute to runoff to the industrial or trade activity area.*

*The calculation of the industrial or trade activity area excludes the following areas:*

- *All areas that discharge lawfully into an authorised trade waste system;*
- *Areas that are not used for or affected by the industrial or trade activity;*
- *All indoor or roofed areas which do not discharge onto or into land or water; and*
- *Areas used for the storage of inert materials, provided that if suspended solids are generated by the materials and entrained in stormwater, the stormwater from such storage areas is treated in accordance with the best practicable option or is otherwise lawfully authorised.*

The areas used for the storage of green waste and processed green waste (wood chip, mulch and compost) are outdoors and exposed to rainfall and have the potential to discharge TSS contaminants as well as BOD (Biochemical Oxygen Demand) contributing organic matter sourced from woody debris and leaves. As such, for the purposes of this assessment, these areas and all areas that contribute to the runoff of these areas have been considered as the 'ITA area'.

### 4.3 ITA RISK CRITERIA

Under Table E33.4.3 *Industrial or trade activity risk criteria* of the AUP(OP), the activity is an unlisted ITA area.

### 4.4 CHAPTER E33 ACTIVITY STATUS

The land use activity is a Permitted Activity under E33.4.1(A3), while the discharge of contaminants from an unlisted ITA area will be a Controlled Activity under E33.4.2(A12). An assessment of the proposed activity against the permitted activity standards is provided in Table 1 above.

The proposed activity addresses the policies of Chapter E33.3 as follows:

- Use of the site for green waste and processed green waste storage will be managed, through design and operational procedures, to ensure that discharges of TSS and BOD contaminants are avoided in the first instance, and suitably mitigated where unavoidable. No hazardous substances or chemicals will be used or stored on site as part of this activity. Stormwater from the yard will be directed to a wedge pit and dispersal trench in the north-west corner of the yard area ensuring stormwater from the ITA area is suitably treated. The processed green waste will be contained within concrete block walls and a bund is also proposed around the green waste storage area to decrease the risk of discharge of contaminants.
- While any spills of green waste and processed green waste are not hazardous, a spill response plan that centres on spills from a vehicle failure on the site ensures that any accidental spills are dealt with in an appropriate and timely manner.

## 5.0 AARONS CONTRACTING

### 5.1 OPERATIONAL OVERVIEW

Operation of Aarons Contracting involves the stockpiling of green waste and logs, sourced primarily from rural properties, which are then processed and stored on site. Occasionally, the temporary storage of rescue trees will also occur within the yard area. The general public will not be able to access the activity area as Aarons Contracting operate as a bulk sales company where deliveries are made by staff, using company vehicles.

There will be up to approximately 1,000m<sup>3</sup> of mulch, 300m<sup>3</sup> of green waste, 300m<sup>3</sup> of processed green waste (compost going through its aging process) and approximately 150m<sup>3</sup> of log wood stockpiled on the site. The amount of green waste processed per month averages out to be approximately 75m<sup>3</sup>-100m<sup>3</sup>.

Only vegetative material (which has first been processed through the grinder and stored within the yard area for approximately 6 months) is composted. The compost pile is turned every week to introduce oxygen and maintain the heat in the pile.

The mulching and wood chipping processing is only undertaken when there is a suitable amount of stockpiled material, typically once every 2-3 months and occurs over a 1 – 2 day period. There are no buildings associated with this rural industry activity and there are no chemical additives used in any part of the green waste processing activities. No other materials such as food scraps or manure are added to the mulching or composting process.

Aarons Contracting Operations Manager will hold overarching responsibility for implementing the requirements of this EMP.

Only appropriately authorised persons will be permitted to access the yard area as there are no general public access points. Similarly, any external maintenance contractors required for site operations will be supervised by the Operations Manager.

## 5.2 POLLUTION RISKS AND CONTROLS

The main pollution risks associated with the site are:

- Dust generated as a result of truck movements which may become airborne and discharged off-site.
- Accidental spillages or leaking of diesel, petrol or oil from company machinery and vehicles, which may be mobilised by stormwater.
- Contaminants (TSS and BOD) from green waste stored and processed on the site entering stormwater.

To effectively mitigate the TSS and BOD contaminants generated from the green waste storage and processing activity, stormwater treatment is proposed. Concrete block walls will contain the stormwater runoff from the metal yard and direct it to a proposed wedge pit in the north-west corner of the yard area where contaminants can settle out. A stormwater outlet will be placed at the top of the wedge pit and connect to a dispersal trench which will be installed along the contour, allowing stormwater from the site to return to sheet flows. The wedge pit will be regularly cleaned out and maintained. A bund is also proposed around the green waste storage area in the northern portion of the yard to contain stormwater runoff from this area and limit the contaminated stormwater from discharging from the site.

The structural and procedural controls that are implemented at the site to manage these pollution risks are described in the following sections and are summarised in Table 2.

**Table 2 – Pollution Risks**

| Pollution risk and contaminant of concern   |                             | Pollution Controls  |  | Improved or new pollution controls required |            |                 |                 |                          |
|---|-----------------------------|---|--|---|------------|-----------------|-----------------|--------------------------|
| Pollution Risk  | Contaminants                | Structural Controls   | Procedural controls  | Structural                                  | Procedural | Initiation Date | Completion Date | Justification for Timing |
| Accidental spillages or leaking of hazardous substances (diesel, petrol or oil) from company vehicles and machinery on the site | Hydrocarbons and lubricants | Spill plan in place for responding to any incidents and handing waste during clean up.  | Spill response procedure<br><br>Incident Response<br><br>Inspections                               | N/A   | N/A        | N/A             | N/A             | N/A                      |
| Stormwater system   | TSS, BOD                    | Designated areas for collection and storage of green waste materials within contained/bunded areas.<br><br>Stormwater drainage directed to an on-site wedge pit where contaminants can settle out and avoid the discharge of contaminants beyond site boundaries. | Regular inspections and maintenance of wedge pit and dispersal trench<br><br>Stormwater monitoring | N/A   | N/A        | N/A             | N/A             | N/A                      |
| Dust generated as a result of truck movements, entering stormwater or becoming airborne.  | Particulates                | Compacted hardfill surfacing to reduce dust.  | Site speed limit (20km/h)<br><br>Incident Response<br><br>Inspections                              | N/A   | N/A        | N/A             | N/A             | N/A                      |

### 5.3 RESPONSIBILITIES

In general, the Operations Manager will be the primary responsible person for implementing this EMP as part of the day-to-day operations and responding to any incidents or complaints. The Operations Manager will report to the Director in the event of any incidences or complaints on site, to which the Operations Manager will enact the relevant provisions of this Plan and any other documentation associated with the operation of the facility. The Operations Manager will be the primary person trained in spill response and will be responsible for notifying the Director of any incidences or complaints, and actions taken to address those issues.

The Director holds responsibility for reviewing overall operations alongside developing and implementing management systems on site. The Director will be responsible for the distribution of resources to ensure compliance and training.

The responsible parties for the operation and management of the activity are set out in Table 3 below.

**Table 3 Responsible Parties Aarons Contracting**

| Position                           | Contact Name     | Telephone       |
|------------------------------------|------------------|-----------------|
| Director(s)                        | Aaron Blackbourn | 027 224 3846    |
| Operations Manager                 | Aaron Blackbourn | 027 224 3846    |
| Health and Safety Manager          | To be confirmed  | To be confirmed |
| Auckland Council Pollution Hotline |                  | 09 377 3107     |

### 5.4 HEALTH AND SAFETY

With respect to this Environmental Management Plan, there are no specific additional requirements for Health and Safety Practices and procedures required for the day to operation and management of discharges from the site. That said, in the event of a spill of hazardous substances, specific steps are set out within this EMP to ensure that all personnel responding to such matters do so in a safe and efficient manner.

### 5.5 CERTIFICATION

As the activity does not involve the storage of any toxic or corrosive hazardous substances (Classes 6 and 8), Stationary Container System Compliance Certificates and a Location Compliance Certificate are not required under the *Health and Safety at Work (Hazardous Substances) Regulations 2017*.

Should more than 50L of such substances be stored on site in future, appropriate certification will be obtained from an authorised Compliance Certifier, with copies of all compliance certificates held will be incorporated into this EMP following review.

## 5.6 VISUAL INSPECTIONS

At least once per week, the Operations Manager will undertake a visual inspection of the ITA area to ensure that there is no evidence of accidental spillage or leaks from company vehicles or machinery and to ensure the wedge pit and dispersal trench are operating in accordance with manufacturing standards.

## 6.0 STORMWATER

Stormwater from the impervious hardstand yard area will be directed to the wedge pit and associated dispersal trench located in the north-western corner of the yard. It will then sheet flow across existing ground contours. The stormwater wedge pit will be visually inspected at least once a month, and after every major storm event. This will involve a visual check for accumulated litter, debris and sediment levels as well as an inspection of the structure for signs of damage (such as cracks). When the accumulated sediment reaches 50% of its usable depth, the stormwater wedge pit is to be cleaned out and accumulated material is to be disposed of to an appropriate facility. The inlet and outlet pipes are to be kept clear and free of blockages to allow proper water flow.

### 6.1 MONITORING

Based on the design of the site, no discrete stormwater monitoring is deemed necessary under normal operations. Where alternative treatment options are required, this EMP will be reviewed to provide for those options.

## 7.0 GENERAL SITE MANAGEMENT

Site staff must maintain the site to a high standard of presentation in accordance with any requirements of Aarons Contracting. This is required in all aspects of work and generally through the following:

- Regular inspection and maintenance of stormwater treatment device(s) to ensure optimal effectiveness;
- Green waste material will be kept in a tidy and orderly arrangement, within the contained areas (concrete block walls/bunds);
- The hardstand yard area will be inspected regularly to ensure compacted metal surface is maintained, minimising potential dust generation or wind blown litter; and
- All staff and personnel will be briefed on the requirements of this Environmental Management Plan and any other associated documents required by Aarons Contracting.

## 8.0 SPILL RESPONSE PLAN

Preventing spills is the most efficient mechanism for managing potential adverse effects associated with spills of hazardous substances.

Given the nature of the site, the only risk of spills of hazardous substances occurring is if there is an accidental leak of diesel, petrol or oil from company vehicles or machinery while stored on the site. There are no hazardous substances associated with the green waste storage and processing itself.

With a strong focus on prevention, the following will be implemented on site:

- Aarons Contracting will ensure that all company vehicles and machinery are regularly inspected and maintained.
- Aarons Contracting will ensure that all personnel on site have appropriate training for their role within the operation of the site.

Adequate procedures must also be in place in the event that prevention is unsuccessful, and a spill occurs on site. In the event of a spill, Aarons Contracting personnel will implement a three-step procedure as follows:

1. Cease;
2. Contain; and
3. Clean up.

In any instance where a spill has been identified, Aarons Contracting personnel will implement the documented spill control procedures as soon as practicable. In all instances, these procedures will be implemented within 60 minutes of any spill being identified on site.

This spill response plan is not intended to replace any emergency response documents already held by Aarons Contracting but rather augment those facets relating to accidental spills.

## **8.1 STEP 1 - CEASE**

Once a spill has been identified on site by Aarons Contracting personnel, that person will ensure that the Operations Manager is notified of the spill to ensure that a co-ordinated approach can be implemented on site.

Following notification, Aarons Contracting personnel will assess the nature of the spill by identifying the source of the spilt substance to understand the potential hazards associated with the spill and assess the ability of personnel to address the spill safely. Staff should be properly trained in spill management.

In the event that irritating or noxious vapors are identified on site, or anyone is experiencing physical reactions to the spill, or fire is escalating on site, Aarons Contracting personnel will withdraw from the area and escalate a full alert on site to stop any further personnel from entering the area. All personnel will be evacuated from the vicinity of the spill, or if necessary, the site as a whole. In the event of a Full Alert, the fire service will be notified through an emergency call to 111 followed by notification to the responsible persons identified in Table 3 above.

The Operations Manager will then notify Auckland Council pollution response team of the issue, the steps being taken, and what further steps may be necessary. Auckland Council's 24-hour Pollution Hotline can be reached on 09 377 3107.

Where a Full Alert is not necessary and the source has been identified, appropriate controls for absorbing the spilled diesel, petrol or oil and containing the spill will be implemented.

Once the above matters have been addressed, Aarons Contracting personnel will progress onto step two.

## 8.2 STEP 2 – CONTAIN

Aarons Contracting will maintain a spill kit within a labelled 240-litre bin within easy access of the yard areas used for vehicle and machinery parking, complete with signage and instructions as to actions to be taken in the event of a spill. Where it has been deemed safe to do so, the following actions will be taken:

- The Spill Kit will be prepared in a safe place, sufficiently removed from risks;
- Personnel will put on Personal Protective Equipment (PPE) and proceed to the spill site. The minimum PPE required will be safety boots/gumboots, protective rubber gloves, safety goggles and high visibility clothing;
- Once at the spill site, personnel will contain the spill as far as practicable utilising the following steps:
  - Stop the source of the spill if possible by closing any necessary valves;
  - Contain the spill by using absorbent booms to surround the spill and stop it from discharging; and
  - Spread absorbent granules over the spill and allow it to absorb the substance.
- Once the spill itself is contained, personnel equipped with PPE are to check all stormwater drains to ensure that all spilled substances have been contained and are not discharging beyond the site boundary.

## 8.3 STEP 3 – CLEAN UP

Once the spill has been contained, personnel still equipped with appropriate PPE will clean up the remnants of the spill utilising the following steps:

- All used absorbent material will be placed back into the spill kit and the lid closed to prevent discharge of fumes;
- All absorbent booms used will either be placed back into the spill kit for disposal or cleaned appropriately for future re-use;
- All residual spilt substances will be placed within a leak proof bin for disposal alongside used absorbent material in a safe and environmentally sound manner. The Operations Manager will be responsible for determining and organising disposal to an appropriate facility and may call on advice from other specialists to determine the most applicable disposal scenario; and
- The Operations Manager will ensure that the Spill Kit is replaced / and or replenished immediately following its use on site.

## 9.0 INCIDENT RESPONSE

In the event of a spill or notifiable incident on site, Aarons Contracting personnel will implement the following steps:

1. The notifiable incident is to be reported to the Operations Manager;
2. In the event that a significant incident occurs where the above spill procedures are deemed to be insufficient, a representative of Aarons Contracting will seek expert assistance;

3. The appointed Aarons Contracting representative will notify Council of the incident where applicable, and the procedures implemented to address any actual or potential adverse effects;
4. Where appropriate, any other parties (e.g. WorkSafe) will be notified;
5. Where hazardous substances are suspected as having entered any stormwater treatment device or are suspected to have been discharged from the stormwater system, undertake specialist environment advice.

In the event of any notifiable event occurring, Aarons Contracting will implement an internal review to determine the causes of the incident and what steps can be undertaken to minimise the risk of a repeat incidence on site. Any results of that internal review will be translated into a revision of this EMP, or any other relevant operational documentation held on site.

## **10.0 AUDITING, REPORTING AND RECORD KEEPING**

### **10.1 SITE INCIDENT REGISTER**

Aarons Contracting will ensure that an incident register is kept on site which will be kept up to date and include records of:

- The volume and nature of any spills that occur on site;
- Date, time and cause of any spills;
- Details of personnel who identified the spill and the time it was reported to the Operations Manager;
- Details of the procedures implemented by the Operations Manager as required under the Spill Response Plan set out in above including the time taken to implement those required steps;
- Site photographs if applicable, to document the extent and nature of the spill;
- Recorded notations of all notifications undertaken following the spill as required by the Spill Response Plan; and
- Provisions for any extraordinary maintenance of stormwater systems as a result of the incident.

### **10.3 STAFF TRAINING**

As part of their normal operations, Aarons Contracting maintain and update a training register within their filing system. All specific training related to the implementation and operation of this EMP will be recorded within the training register.

## **11.0 REVIEW OF EMP**

This Environmental Management Plan is considered a live document that will evolve with the life cycle of the activity to reflect any changes in operational requirements, regulatory frameworks, industry best practice and waste minimisation initiatives. For that reason, the EMP will be reviewed on an annual basis to determine what, if any, revisions are required.

In the event of any specific incidences on site, or detailed changes to the regulatory framework special review of the EMP may be necessary. Any specific one-off reviews of the EMP do not replace the need for an annual review but should be undertaken regardless to ensure that the site operates in accordance with best practice and in compliance with the applicable regulatory framework.