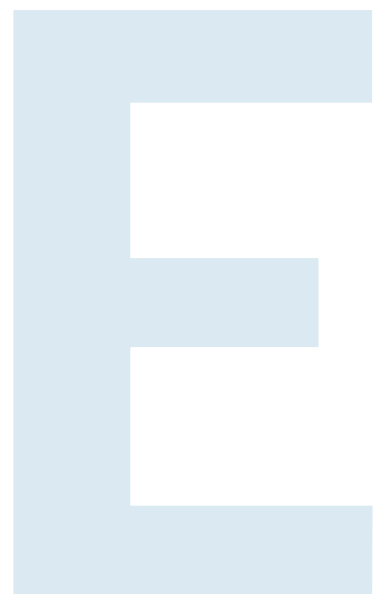


Appendix E

Permitted Activity Assessment



E.1.1 Introduction

Consideration has been given as to whether any of the proposed works could rely on permitted activity provisions within the relevant plans. It has been determined that several components comply with the relevant permitted activity standards within the AUP. These components of the Project include:

- Taking and use of water from off-stream dams
- Use of bores for groundwater sampling
- Decommissioning of bores
- Lighting
- Noise and vibration
- Transport

In accordance with Schedule 5, clause 5(5)(a) of the Fast Track Approvals Act 2024 (FTAA), a permitted activity assessment under the relevant plans is provided for the site.

E.1.2 Auckland Unitary Plan

The zones and notations applying to the Site under the AUP are listed in Section **Error! Reference source not found.** of the AEE. The permitted activities that are relied upon as part of the Project are identified below in Table D 1. Where standards are not relevant to the proposal as these activities are not included in the this application these are identified as N/A throughout the table.

Table D 1 : Permitted activities under the AUP

Applicable rule with permitted activity status	Assessment of applicable permitted activity standards
D23 Airport Approach Surface Overlay	
Activity Table D23.4.1 (A2) Buildings, structures and masts and trees that do not exceed the airfield height limits restriction in Standard D23.6.1 Height. This rule does not prevail over any underlying zone or precinct height rules	Redvale Landfill, being within 2.6km of the North Shore Airport, is subject to the horizontal surface overlay for the North Shore Airport (Standard D23.6.1(c)) which has a height control of 106.7 metres AMSL. The proposed Class 1 expansion and Class 2 extension area will not exceed the airfield height control in Standard D23.6.1 Height . Standard D23.6.1. Height (1) N/A (2) The height restriction consists of three separate height restrictions around North Shore Airport and two around Kaipara Flats and Parakai Airfields as follows. a) N/A b) N/A c) Horizontal surface: All properties within 2.6 km of North Shore Airport are subject to a horizontal height control which is 45 m above the average ground level i.e. 106.7 m above mean sea level. (3) All height restrictions are affected by the elevation of the property and height limits shall be assessed in terms of elevation relative to the runway itself. (4) Appendix 12 Airport approach surface provides detailed guidance on how to assess whether a proposal complies with Standard D23.6.1 Height.

Applicable rule with permitted activity status	Assessment of applicable permitted activity standards
	(5) N/A Accordingly, the proposed landfill development is a permitted activity under Rule D23.4.1 (A2) and no resource consent is required under section 87A(1) of the RMA.
E7 Taking, using, damming and diversion of water and drilling	
Activity Table E7.4.1 (A3) [rp] Take and use water from a lawfully established off-stream dam.	The taking and use of water from Pond 5 (Dam 5) is for operational and potable use including wheel washing, truck and plant wash bay, dust suppression, road washing, earth-fill conditioning prior to compaction and firefighting. A summary of the relevant standards and how they will be complied with is provided below. E7.6.1.1. Take and use of surface water (including from lawfully established dams) (1) The water take will not be from an area scheduled in the Wetland Management Areas Overlay. (2) The water intake structure shall be designed, constructed, operated and maintained so that: a. The maximum water velocity into the entry point of the intake structure will not be greater than 0.3 m/second b. The intake screen mesh spacing will not be greater in one dimension than 1.5 mm; and c. The intake screen will be located no less than 0.5 m in-stream from the water's edge. (3) Notice of the undertaking of this activity will be provided as part of this substantive application. (4) N/A - the take is not within Māori land. Accordingly, the taking and use of water from Dam 5 is a permitted activity under Rule E7.4.1 (A3).
Activity Table E7.4.1 (A38) [rp] Bores for groundwater level or quality monitoring	Existing bores at Redvale Landfill will be used for ongoing monitoring of groundwater quality. A summary of the relevant standards and how they will be complied with is provided below. E7.6.1.16 Drilling and Use of holes and bores (1) The boreholes are not located within a Wetland Management Areas Overlay (2) The boreholes will be used for groundwater sampling for groundwater quality analysis. (3) N/A - no drilling of holes or bores is proposed and there is no historic heritage overlay over the site. E7.6.1.18 Drilling and Use of holes and bores – Bores for groundwater level or quality monitoring (1) All applications shall meet the standards in E7.6.1.16, as summarised above. (2) N/A – no drilling or construction of bores are proposed. (3) N/A – no construction of a bore is proposed. Accordingly, the use of boreholes is a permitted activity under Rule E7.4.1 (A38).

Applicable rule with permitted activity status	Assessment of applicable permitted activity standards
Activity Table E7.4.1(A40) [rp] Decommissioning (abandonment) of holes or bores	Some existing bores on site may need to be decommissioned if no longer considered to be required for monitoring purposes. A summary of the relevant standards and how they will be complied with is provided below. E7.6.1.20 Drilling and Use of holes and bores – Decommissioning (abandonment) holes or bores (1) The application meets the standards in E7.6.1.16, as summarised above. (2) The decommissioning of the drilled hole or bore will comply with section 2 and 4 of “New Zealand Standards - NZS 4411:2001 Environmental Standard for Drilling of Soil and Rock” (3) The Council will be notified prior to any bore being decommissioned on site and will be provided with details of the location of the bore. (4) The records required under section 4 of “New Zealand Standards - NZS 4411:2001 Environmental Standard for Drilling of Soil and Rock” will be kept and forwarded to the Council no later than one month after the bore is decommissioned. Accordingly, the decommissioning of bores is a permitted activity under Rule E7.4.1 (A40).
E15 – Vegetation management and biodiversity	
Activity Table E15.4.1 (A6) Pest plant removal	Removal of exotic plants may occur at Redvale Landfill as part of the proposed development and operation. There are no relevant permitted activity standards to be complied for pest plant removal under Chapter E15 of the AUP. Accordingly, pest plant removal is a permitted activity under Rule E15.4.1 (A6).
E24 Lighting	
Activity Table E24.4.1 (A1) [rcp/dp] Activities that comply with all the relevant permitted activity standards	Artificial lighting will be required for the operation of the landfill. Lighting category 3 applies to the site as set out in Table E24.6.1.1. Lighting across the landfill will meet the relevant permitted activity standards in Chapter E24 of the AUP and WMNZ’s requirements for safety. A summary of the relevant standards and how they will be complied with is provided below. E24.6.1 General standards (1) Lighting limits will be measured and assessed in accordance with Standard AS 4282-1997 Control of the Obtrusive Effects of Outdoor Lighting. (2) Any calculation for the purposes of these standards will be based on a maintenance factor of 1.0 (i.e. no depreciation). (3) As detailed above, lighting category 3 applies. (4) Measurements of illuminance will be consistent with this provision should any artificial lighting be unable to be turned off. (5) As detailed in Section 4.5.1 of the AEE, ‘Hours of operation’, nighttime works are not proposed. Pre-curfew standards will be complied with. (6) Illuminance at a boundary will be a maximum of 100 lux above the background level pre-curfew, when measures at the boundary of any adjacent site containing a lawfully established dwelling. (7) Outdoor artificial lighting operating between sunset and sunrise will not exceed 15 per cent on any public road. (8) The lighting at the site will meet the requirements in relation to glare as impacts will be contained within the site.

Applicable rule with permitted activity status	Assessment of applicable permitted activity standards
	(9) N/A – no building facades are proposed to be intentionally artificially lit. Accordingly, the proposed artificial lighting is a permitted activity under Rule E24.4.1 (A1).
E25 Noise and Vibration	
Activity Table E25.4.1 (A1) [rcp/dp] Activities that comply with all the relevant permitted activity standards.	The construction works and continued operation at Redvale Landfill will comply with the daytime and night-time noise limits for all receivers' limits. Noise has been assessed in the Noise Assessment (Technical Report N) Noise Assessment. A summary of the relevant standards and how they will be complied with is provided below. E25.6.1 General Standards 1) Noise will be measured and assessed in accordance with the New Zealand Standard NZS 6801:2008 Measurement of environmental sound and the New Zealand Standard NZS 6802:2008 Acoustics – Environmental noise except where specific requirements apply. 2) N/A – The application is not for an adjustment for noise containing special audible characteristics. 3) The noise from construction work will be measured and assessed in accordance with the requirements of New Zealand Standard NZS6803:1999 Acoustics – Construction noise. 4) Emergency service sirens will not be limited to the permitted noise standards. 5) Where more than one standard applies that requires insulation of a noise-sensitive space from an external noise source, the standards will be applied cumulatively. 6) Where standards are provided for specific activities, the zone interface standards and the zone standards will not be applied to that activity. E25.6.15 Rural – Mixed Rural Zone, Rural – Production Zone, Rural – Rural Coastal Zone or Future Urban Zone interface 1) Operational noise will not exceed the levels in Table E25.6.15.1. 2) N/A – Relates to irrelevant activities E25.6.27 Construction noise levels in all zones except the Business-City Centre Zone and the Business – Metropolitan Centre Zone. 1) Noise from construction activities shall not exceed the levels in Table E25.6.27.1. The construction works are proposed to be limited to weekdays and Saturdays and have been assessed to comply with these limits. The landfill will remain open on some public holidays but will comply with the appropriate noise limits on those days. 2) Noise from construction activities in all zones shall not exceed the levels in Table E25.6.27.2 Construction noise levels for noise affecting any other activity when measured from 1 m from the façade of any other building that is occupied during the works. 3) N/A – total duration of construction work is anticipated to be longer than 15 calendar days. 4) The proposed construction works will be for a duration of more than 20 weeks and therefore a 5dB decrease in construction noise limits set out in table E25.6.27.1 applies and will be complied with.

Applicable rule with permitted activity status	Assessment of applicable permitted activity standards
	Accordingly, the noise and vibration which will result from the proposed construction and continued operation of Redvale Landfill are permitted activities under Rule E7.4.1 (A40).
E27 Transport	
Activity Table E27.4.1 (A1) Parking, loading and access which is an accessory activity and complies with the standards for parking, loading and access.	Parking, loading and access across the landfill site has been assessed in the Traffic Assessment (refer to Technical Report O). A summary of the relevant permitted activity standards and how they will be complied with is provided below. E27.6.2. Number of parking and loading spaces 1) There is no minimum or maximum parking rate for ‘all other industrial activities’ within Table E27.6.2.4 which applies to all other zones and areas not specified in Table E27.6.2.1, Table E27.6.2.2 and Table E27.6.2.3. 6) Industrial activities shall provide the minimum number of bicycle parking spaces specified in Table E27.6.2.5. E27.6.3.1 Size and location of parking spaces a) Parking spaces will comply with the minimum dimensions in Table E27.6.3.1.1. E27.6.3.2 Size and location of loading spaces a) Loading spaces will comply with the minimum dimensions in Table E27.6.3.2.1. E27.6.3.3 Access and manoeuvring 1) Every parking space shall have driveways and aisles for entry and exit of vehicles to and from the end road, and for vehicle manoeuvring within the site. Access and manoeuvring areas shall accommodate the 85 percentile car tracking curves in Figure E27.6.3.3.1. 2) N/A 3) N/A E27.6.3.4. Reverse manoeuvring 1) N/A – no reverse manoeuvring required. E27.6.3.5 Vertical clearance 1) N/A – no vertical obstructions. E27.6.3.6. Formation and gradient 1) N/A 2) Parking and loading spaces and manoeuvring areas and aisles do not need to be provided with an all-weather surface in the Rural – Mixed Rural Zone (which Redvale Landfill is located in).. 3) The gradient for the surface of any parking space shall not exceed: (a) 1 in 25 in any direction for accessible spaces for people with disabilities; or (b) 1 in 20 (five per cent) in any direction for other spaces 4) The gradient for the manoeuvring area shall not exceed 1 in 8. E27.6.3.7. Lighting 1) Lighting will be provided within the staff/visitor parking. E27.6.4.1. Vehicle Access Restrictions 1) N/A 2) N/A

Applicable rule with permitted activity status	Assessment of applicable permitted activity standards
	3) Vehicle crossings shall not be constructed across that part of the site boundary within 10 m of an intersection. The existing vehicle crossing is located a minimum of 700 m to nearest intersection (DFH/Landfill Access Road). E27.6.4.2. Width and number of vehicle crossings 1) The maximum number of vehicle crossings permitted for any site and separation distance between crossings is specified in Table E27.6.4.2.1. There is one crossing which connects to landfill Access Road which is less than the maximum number specified in Table E27.6.4.2.1. E27.6.4.3. Width of vehicle access, queuing and speed management requirements 1) Every on-site parking and loading space shall have vehicle access from a road, with the vehicle access meeting the minimum formed access width specified in Table E27.6.4.3.2. 2) Access has been designed so that vehicles do not queue into the adjoining road reserve or obstruct entry or exit from the site. Accordingly, parking, loading and access at the site is a permitted activity under Rule E27.4.1(A1).
E31 Hazardous Substances	
Activity E31.4.1(A7) - Hazardous facilities that store or use the listed hazardous substances	Approximately 12,000 litres of diesel will be stored on site in tankers. In the Mixed Rural Zone, storage of up to 20 tonnes of diesel (Flammable liquids Class 3) is a permitted activity under A7.