

APPENDIX I – PERMITTED ACTIVITIES AND GENERAL STANDARDS

Section 9(1) Land Use

Section 9(1) of the RMA restricts the use of land that contravenes a national standard. The land use consents required are detailed in **Section 3** of this AEE. The permitted activities under Section 9(1) of the RMA are detailed in Table 10-1 below.

Table 10-1 Permitted Activities pursuant to NES-F

Reference	Rule	Status
National Environmental Standards for Freshwater (NES-F)		
Regulation 45	<p><i>Construction of specified infrastructure</i></p> <p>Comment</p> <p>With regards to Regulation 45 the proposal is for:</p> <ul style="list-style-type: none"> ■ Vegetation clearance and earthwork activity is greater than 10m of both the Karaka Reserve wetland and the Kiwi Properties Group Wetland 2; ■ The earthworks or land disturbance within 100m of the wetland will not result in drainage of the wetland; ■ There is not a direct hydrological connection between the wetland and the proposed Drury access ramp works; and the diversion of water during the construction phase or operation of the ramp and road will not result in a change in the water level range or hydrological functioning of the wetlands; and ■ No discharges are proposed from the works areas to the natural inland wetlands. <p>Therefore, under Regulation 45 of the NES-F, provided that standards for a permitted activity are met, the works are assessed as not triggering the requirement for a consent with regard to proximity to natural inland wetlands</p>	Permitted

Section 9(2) Land Use

The land use consents required are detailed in **Section 3** of this AEE. The permitted activities under Section 9(2) of the RMA are detailed in Table 10-2, below.

Table 10-2 Permitted Activities pursuant to Chapters H22, D26, E9 and E26

Reference	Rule	Status
H22 Strategic Transport Corridor Zone		
H22.4.1(A1)	<p><i>Construction, maintenance, upgrade and use of cycleways and walkways</i></p> <p>Comment:</p> <p>The proposed SUP will be located outside the zone.</p>	Permitted

H22.4.1(A6)	<p><i>Temporary activities associated with transport activities including temporary materials and machinery storage, temporary ablution facilities and temporary buildings</i></p> <p>Comment:</p> <p>Construction materials, machinery and buildings will need to be stored within the Designation temporarily during the construction period.</p>	Permitted
H22.4.1 (A12)	<p><i>Noise attenuation walls or fences</i></p> <p>Comment:</p> <p>Noise attenuation walls or fences have not been proposed for the access ramp.</p>	Permitted
D26 National Grid Corridor Overlay		
D26.4.1 (A3)	<p><i>Network utilities (excluding buildings and structures for irrigation) and electricity generation that connect to the national grid</i></p> <p>Comment:</p> <p>Roads and road network activities are included in the definition of 'network utilities' under infrastructure.</p>	Permitted
D26.4.1(A10)	<p><i>Fences</i></p> <p>Comment:</p> <p>Temporary boundary fences during construction may be required.</p>	Permitted
D26.4.1(A13A)	<p><i>Within the National Grid Yard (Uncompromised), any structures that do not meet the definition of Building in Chapter J</i></p> <p>Comment:</p> <p>The definition of a building includes retaining walls (over 1.5m high or located within 1.5m of the boundary of a road), free-standing signs (over 1.5m high) and above ground bridges, therefore these features are not covered by this rule. The rest of the Project is covered by this rule. Only certain sections of the Project area will be subject to this rule, therefore, all features not covered by this rule will not be located within this overlay.</p>	Permitted
D26.4.1 (A19)	<p><i>Land disturbance that complies with Standards D26.6.1.1(1)(a), D26.6.1.1(1)(b), D26.6.1.1(1)(c) and D26.6.1.1(1)(d)</i></p> <p>Comment:</p> <p>Roads and road network activities are included in the definition of network utilities under infrastructure and are therefore excluded from this rule under standard D26.6.1.1 (2)(c).</p> <p>Regardless, if any earthworks are required within 6 – 12m of any national grid tower support structure, the depth of the works will be less than 3m in accordance with standard D26.6.1.1 (1).</p>	Permitted

D26.4.2 (A28)	<p><i>Roading activities, and network utilities or electricity generation that connects to the National Grid that are above ground or comply with Standard D26.6.1.2(1), and electricity transmission infrastructure in a road carriageway</i></p> <p>Comment:</p> <p>Roads and road network activities are included in the definition of network utilities under infrastructure. The re-established utilities within the road carriageways are able to comply with the standards in D26.6.1.2.</p>	Permitted
E9 Stormwater quality - High contaminant generating car parks and high use roads		
E9.4.1(A1)	<p><i>Development of new or redevelopment of existing impervious areas within Stormwater management area control – Flow 1 that are not directed to a stream or are discharged below RL 1.7m (RL in terms of NZVD2016).</i></p> <p>Comment:</p> <p>As explained in Section 4 (above), the temporary works area of the Project corridor lies within the Stormwater Management Area Control Flow 1 (SMAF-1). It is noted the Project area is subject to two stormwater control areas:</p> <ul style="list-style-type: none"> ■ Controls: Stormwater Management Area Control – Hingaia Stream, Flow 1; and ■ Controls: Stormwater Management Area Control – Drury Centre, Flow 1. <p>The proposal is located within the SMAF-1 overlay area, stormwater runoff from the development of the new road will be discharged below RL 1.7m, which is supported by the results of a bathymetric survey on the Hingaia Stream.</p>	Permitted
E26 Infrastructure		
E26.2.3.1(A2)	<p><i>Minor infrastructure upgrading of network utilities</i></p> <p>Comment:</p> <p>Roads and road network activities are included in the definition of network utilities under infrastructure.</p> <p>All existing utility services will be protected or relocated. Stormwater service connections will be upgraded to fit the purpose of the proposed stormwater design, as detailed in the Stormwater Assessment (contained in Appendix D).</p>	Permitted
E26.2.3.1(A6)	<p><i>Removal of network utilities and electricity generation facilities</i></p> <p>Comment:</p> <p>Roads and road network activities are included in the definition of network utilities under infrastructure.</p> <p>All existing utility services will be protected or relocated.</p>	Permitted

E26.2.3.1(A12)	<p><i>Temporary signage during the construction of network utilities and electricity generation facilities, which is in place for no longer than 12 months</i></p> <p>Comment:</p> <p>Roads and road network activities are included in the definition of network utilities under infrastructure.</p> <p>Signage during construction will be required, which will be frequently exchanged for new signs as works progress.</p>	Permitted
E26.4.3.1(A83)	<p><i>Tree trimming or alteration</i></p> <p>Comment:</p> <p>Some trees may require trimming or alterations. The recommendations in the Arboricultural Assessment (contained at Appendix G) will be implemented to ensure compliance with standard E26.4.5.1</p>	Permitted
E26.2.3.1(A58)	<p><i>Stormwater treatment devices; erosion protection; culverts; measuring devices (flows structures)</i></p> <p>Comment:</p> <p>Culverts, and attenuation swales are proposed as part of the stormwater drainage design, as detailed in the Stormwater Assessment (contained at Appendix D). The culverts will be provided with erosion protection (ripraps) downstream.</p>	Permitted
E26.5.3.2(A100)	<p><i>Earthworks for maintenance, repair, renewal, minor infrastructure upgrading, service connections</i></p> <p>Comment:</p> <p>No upgrades of existing stormwater infrastructure is proposed.</p>	Permitted
Rule E26.5.3.2 (A106)	<p><i>Earthworks greater than 2,500m² in area where the land has a slope equal to or greater than 10 degrees other than for maintenance, repair, renewal, minor infrastructure upgrading.</i></p> <p>Comment:</p> <p>Earthworks are required on either side of the Hingaia Stream, which is within 50m of the stream and therefore within the Sediment Control Protection Area.</p> <p>The earthworks will be limited to the preparation of the pier footings, with the abutments located over 100m from the stream. Earthworks will comply with Accidental discovery rule E26.5.5.1. An ESCP (Attachment 1 of the CSMP – Appendix F) will be implemented at all times during construction in order to ensure compliance with general standards E26.5.5.2 (1-8).</p>	Permitted

Section 13 Resource Consents

The resource consents require are detailed in **Section 3** of this report. The permitted activities under the AUP are set in the **Table 10-3**.

Table 10-3 Permitted activities pursuant to Chapter E3

Reference	Rule	Status
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E3.4.1(A27)	<p><i>Temporary structures complying with standards in E3.6.1.15</i></p> <p>Comment</p> <p>The proposal will not involve stream works within the stream bed of the Hingaia Stream. Temporary staging is required for construction of the bridge across the stream, the staging piles are located 9m apart, where the Hingaia is 8m in width at the relevant crossing point.</p>	Permitted
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Section 14 Resource Consents

Section 14 of the RMA imposes restrictions in relation to water.

Chapter E7 of the AUP contains provisions relating to the taking, using, damming and diversion of surface water and groundwater. The permitted activities under Chapter E7 are set out in **Table 10-4**.

Table 10-4 Permitted Activities Pursuant to Chapter E7

Reference	Rule	Status
E7.4.1 (A11)	<p><i>Diversion into an artificial watercourse</i></p> <p>Comment:</p> <p>The Project requires the construction of an artificial overland flow path to direct stormwater from the upper catchment to the Hingaia Stream and Wetland 2. The design of the culverts and associated erosion protection structures and stormwater treatment devices will ensure the diversion does not reduce the quality of water, create erosion or increase flooding effects in accordance with standard E7.6.1.2. Further details are included in the Stormwater Assessment (Appendix D).</p>	Permitted

Section 15 Resource Consents

The land use consents required are detailed in **Section 3** of this report. The permitted activities under the AUP are detailed in **Table 10-5** below.

Table 10-5 Permitted Activities pursuant to Chapters E4, E8 and E14

Reference	Rule	Status
E4 Other discharges of contaminants		
E4.4.1 (A1)	<p><i>Discharge of water and/or contaminants (including washwater) onto or into land and/or into water from any of the following activities:</i></p> <p><i>(a) concrete/asphalt laying or reworking;</i></p> <p><i>(b) drilling (excluding bore development and testing); ...</i></p> <p><i>(d) washing vehicles, plant or machinery; ...</i></p> <p><i>(f) road construction activities;</i></p> <p><i>(g) construction, repair, maintenance, upgrade or removal of any component of the stormwater or wastewater network that does not border, span or otherwise extend over any water body;</i></p> <p><i>(h) construction, repair, maintenance, upgrade or removal of network utility infrastructure that does not border, span or otherwise extend over any water body;</i></p> <p><i>...</i></p> <p><i>(j) dust suppression;</i></p> <p><i>...</i></p> <p>Comment:</p> <p>The construction activities include those listed in rule E4.4.1 (A1) above. The discharges will be adequately managed by the ESCP (Appendix F) in order to comply with standards E4.6.1.</p>	Permitted
E4.4.1(A5)	<p><i>Discharge onto or into land and/or into water for the purpose of dewatering trenches or other excavations</i></p> <p>Comment:</p> <p>The discharge of stormwater into stormwater swales for the purpose of dewatering trenches during construction is proposed, where necessary. The discharges will be adequately managed by the ESCP (Appendix A of the CWMP (contained at Appendix F)) in order to comply with standards E4.6.1 and E4.6.2.5</p>	Permitted
E8 Stormwater – Discharge and diversion		

E8.4.1(A1)	<p><i>Diversion of stormwater runoff from lawfully established impervious areas directed into an authorised stormwater network or a combined sewer network that complies with Standard E8.6.2.1.</i></p> <p>Comment:</p> <p>The stormwater runoff will be from lawfully established road and has approval from Healthy Waters to discharge into the stormwater network where applicable, in accordance with standard E8.6.2.1.</p>	Permitted
E14 Air quality		
E14.4.1 (A77)	<p><i>Bulk cement storage, handling, redistribution, or packaging</i></p> <p>Comment:</p> <p>Temporary cement storage and handling will be required during construction. Cement will be managed on site to minimise discharges to air and ensure there are no discharges that pose a risk to human health or beyond the site boundaries in accordance with standard E14.6.1.1. Cement will be delivered via a fully enclosed system and there will be no visible discharges of dust in accordance with standard E14.6.1.12.</p> <p><i>Note:</i> The Strategic Transport Corridor Zone and roads, will assume the most stringent air quality requirements of the adjacent zones. The adjacent zones are residential, business and open space, therefore the air quality is considered medium (industry) to high. Therefore, the high air quality rules are applicable.</p>	Permitted