

RULES ASSESSMENT

Resource Consent Summary

The following resource consents are required to undertake the project:

1. National Environmental Standards – **Discretionary Activity**
 - NES for Freshwater – Regulation 45A – Quarrying Activities.
2. Waikato Regional Plan – **Discretionary Activity**
 - Rule 3.3.4.24 – Groundwater Takes.
 - Rule 3.5.4.5 – Discharges – General Rule.
 - Rule 3.6.4.13 – Stopbanks, Diversions and any Associated Discharges of Water.
 - Rule 5.1.4.13 – Soil Disturbance, Roding and Tracking and Vegetation Clearance.
 - Rule 5.1.4.15 – Soil Disturbance, Roding, Tracking, Vegetation Clearance, Riparian Vegetation Clearance in High Risk Erosion Areas.
 - Rule 5.2.5.3 – Large Scale Overburden Disposal.
3. Waipā District Plan – **Discretionary Activity**
 - Rule 4.4.1.4(h) – Discretionary Activity Status Table – Mineral extraction activity (sand quarry) that is not within 500m of the lakes identified under subsection (h).
 - Rule 16.4.2.5 – Vehicle Entrance Separation from Intersections and Other Vehicle Entrances.
 - Rule 16.4.2.15 – Parking, Loading and Manoeuvring Area.
 - Rule 16.4.2.23 – Car Park Landscaping and Lighting.
 - Rule 26.4.2.1 – 23m Setback from Lakes and Water Bodies.

1 National Environmental Standards (NES)

In terms of this proposal, the NES that is of interest is for:

- Air Quality (2004).
- Assessing and Managing Contaminants in Soil to Protect Human Health (2011).
- Freshwater (2020).

NES for Air Quality	
Performance Standard	Comment
Regulation 4 – Prohibition on Discharges from Certain Activities	
<i>A discharge of a contaminant to air from an activity specified in any of regulations 6 to 12 is prohibited, except to the extent that the regulation provides otherwise.</i>	<u>Not applicable</u> The proposed activity is not specified in regulations 6 to 12.
Regulation 5 – Prohibition on Granting of Resource Consents for Certain Activities	
<i>(1) A resource consent may not be granted for a discharge of a contaminant to air from an activity specified in any of regulations 6 to 12, except to the extent that the regulation provides otherwise.</i>	<u>Not applicable</u> The proposed activity is not specified in regulations 6 to 12.



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NES for Air Quality	
Performance Standard	Comment
<p>(2) <i>If a resource consent is granted for an activity, the activity is a discretionary activity for the purposes of the Act.</i></p>	
Regulation 17 – Certain Applications must be Declined unless other PM10 Discharges Reduced	
<p>(1) <i>A consent authority must decline an application for a resource consent (the proposed consent) to discharge PM₁₀ if the discharge to be expressly allowed by the consent would be likely, at any time, to increase the concentration of PM₁₀ (calculated as a 24-hour mean under Schedule 1) by more than 2.5 micrograms per cubic metre in any part of a polluted airshed other than the site on which the consent would be exercised.</i></p> <p>(2) <i>However, subclause (1) does not apply if—</i></p> <p style="margin-left: 20px;">(a) <i>the proposed consent is for the same activity on the same site as another resource consent (the existing consent) held by the applicant when the application was made; and</i></p> <p style="margin-left: 20px;">(b) <i>the amount and rate of PM₁₀ discharge to be expressly allowed by the proposed consent are the same as or less than under the existing consent; and</i></p> <p style="margin-left: 20px;">(c) <i>discharges would occur under the proposed consent only when discharges no longer occur under the existing consent.</i></p> <p>(3) <i>Subclause (1) also does not apply if—</i></p> <p style="margin-left: 20px;">(a) <i>the consent authority is satisfied that the applicant can reduce the PM₁₀ discharged from another source or sources into each polluted airshed to which subclause (1) applies by the same or a greater amount than the amount likely to be discharged into the relevant airshed by the discharge to be expressly allowed by the proposed consent; and</i></p> <p style="margin-left: 20px;">(b) <i>the consent authority, if it intends to grant the proposed consent, includes conditions in the consent that require the reduction or reductions to take effect within 12 months after the consent is granted and to then be effective for the remaining duration of the consent.</i></p> <p>(4) <i>For the purposes of this regulation—</i></p> <p style="margin-left: 20px;">(a) <i>an airshed becomes a polluted airshed on and from 1 September 2012 or any later day if, for the immediately prior 5-year period—</i></p> <p style="margin-left: 40px;">(i) <i>the airshed has meaningful PM₁₀ data for at least a 12-month period; and</i></p> <p style="margin-left: 40px;">(ii) <i>the airshed's average exceedances of PM₁₀ (as calculated under regulation 16D) was more than 1 per year; and</i></p> <p style="margin-left: 20px;">(b) <i>an airshed stops being a polluted airshed on and from any day if the PM₁₀ standard was not breached in the airshed in the immediately prior 5-year period.</i></p> <p>(5) <i>If an airshed is established by notice in the Gazette, the data (if any) that best applies to the new airshed from the 1 or more airsheds from which the new airshed derived must be treated</i></p>	<p><u>Not applicable</u></p> <p>While the Site is located within WRC's 'Rest of the Region' airshed, it is not a polluted airshed and therefore Regulation 17 does not apply to the Proposal.</p>



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NES for Air Quality	
Performance Standard	Comment
<p><i>as if it were the new airshed's data to determine, under subclause (4)—</i></p> <p><i>(a) whether the new airshed immediately becomes a polluted airshed; or</i></p> <p><i>(b) whether the new airshed later becomes or stops being a polluted airshed.</i></p> <p><i>(6) To avoid doubt—</i></p> <p style="padding-left: 20px;"><i>(a) a polluted airshed to which subclause (1) applies may or may not be an airshed in the region of the consent authority considering an application; and</i></p> <p style="padding-left: 20px;"><i>(b) if an airshed stops being a polluted airshed under subclause (4)(b), it may later become a polluted airshed again under subclause (4)(a).</i></p>	
Regulation 20 – Resource Consents for Discharge of Carbon Monoxide, Oxides of Nitrogen, and Volatile Organic Compounds	
<p><i>(1) A consent authority must decline an application for a resource consent to discharge carbon monoxide into air if the discharge to be expressly allowed by the resource consent—</i></p> <p style="padding-left: 20px;"><i>(a) is likely, at any time, to cause the concentration of that gas in the airshed to breach its ambient air quality standard; and</i></p> <p style="padding-left: 20px;"><i>(b) is likely to be a principal source of that gas in the airshed.</i></p> <p><i>(2) A consent authority must decline an application for a resource consent to discharge oxides of nitrogen or volatile organic compounds into air if the discharge to be expressly allowed by the resource consent—</i></p> <p style="padding-left: 20px;"><i>(a) is likely, at any time, to cause the concentration of nitrogen dioxide or ozone in the airshed to breach its ambient air quality standard; and</i></p> <p style="padding-left: 20px;"><i>(b) is likely to be a principal source of oxides of nitrogen or volatile organic compounds in the airshed.</i></p> <p><i>(3) In this regulation, volatile organic compound—</i></p> <p style="padding-left: 20px;"><i>(a) means a hydrocarbon based compound with a vapour pressure greater than 2 millimetres of mercury (0.27 kilopascals) at a temperature of 25°C; but</i></p> <p style="padding-left: 20px;"><i>(b) does not include methane.</i></p>	<p>Not applicable to the proposal, no carbon monoxide, oxides of nitrogen, or volatile organic compounds will be discharged.</p>
Regulation 21 – Resource Consents for Discharge of Sulphur Dioxide	
<p><i>A consent authority must decline an application for a resource consent to discharge sulphur dioxide into air if the discharge to be expressly allowed by the resource consent is likely, at any time, to cause the concentration of sulphur dioxide in the airshed to breach its ambient air quality standard.</i></p>	<p>Not applicable to the proposal, no sulphur dioxide will be discharged.</p>



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NES for Assessing and Managing Contaminants in Soil to Protect Human Health	
Performance Standard	Comment
Regulation 5 – Application	
<p>(1) <i>These regulations—</i></p> <p style="margin-left: 40px;">(a) <i>apply when a person wants to do an activity described in any of subclauses (2) to (6) on a piece of land described in subclause (7) or (8):</i></p> <p style="margin-left: 40px;">(b) <i>do not apply when a person wants to do an activity described in any of subclauses (2) to (6) on a piece of land described in subclause (9).</i></p>	<p><u>Not Applicable</u></p> <p>The regulations do not apply to the Site under Regulation 5(1)(a).as it is not a 'piece of land', see below.</p>
<p><u>Land Covered</u></p> <p>(7) <i>The piece of land is a piece of land that is described by 1 of the following:</i></p> <p style="margin-left: 40px;">(a) <i>an activity or industry described in the HAIL is being undertaken on it:</i></p> <p style="margin-left: 40px;">(b) <i>an activity or industry described in the HAIL has been undertaken on it:</i></p> <p style="margin-left: 40px;">(c) <i>it is more likely than not that an activity or industry described in the HAIL is being or has been undertaken on it.</i></p>	<p><u>Not Applicable</u></p> <p>WRC has confirmed that the Site is not currently listed on their Land Use Information Register.</p> <p>Therefore, activities on the Hazardous Activities and Industries List (HAIL) are not being and are unlikely to have been undertaken on the Site.</p> <p>Accordingly, in accordance with Regulation 5(7), the Site does not contain a 'piece of land'.</p>

NES for Freshwater	
Performance Standard	Comment
Regulation 45A – Quarrying Activities	
<p>(1) <i>Vegetation clearance within, or within a 10 m setback from, a natural inland wetland is a discretionary activity if it is for the purpose of quarrying activities.</i></p> <p>(2) <i>Earthworks or land disturbance within, or within a 10 m setback from, a natural inland wetland is a discretionary activity if it is for the purpose of quarrying activities.</i></p> <p>(3) <i>Earthworks or land disturbance outside a 10 m, but within a 100 m, setback from a natural inland wetland is a discretionary activity if it—</i></p> <p style="margin-left: 40px;">(a) <i>is for the purpose of quarrying activities; and</i></p> <p style="margin-left: 40px;">(b) <i>results, or is likely to result, in the complete or partial drainage of all or part of the wetland.</i></p> <p>(4) <i>The taking, use, damming, or diversion of water within, or within a 100 m setback from, a natural inland wetland is a discretionary activity if—</i></p> <p style="margin-left: 40px;">(a) <i>the activity is for the purpose of quarrying activities; and</i></p> <p style="margin-left: 40px;">(b) <i>there is a hydrological connection between the taking, use, damming, or diversion and the wetland; and</i></p> <p style="margin-left: 40px;">(c) <i>the taking, use, damming, or diversion will change, or is likely to change, the water level range or hydrological function of the wetland.</i></p>	<p><u>Discretionary Activity</u></p> <p>As the Site contains floodplain, gully basin and gully seepage wetlands, the proposed sand quarry involves vegetation clearance, earthworks, land disturbance, and the taking, use, diversion, and discharge of water within and within 100m of natural inland wetlands.</p> <p>Resource consent can be granted as:</p> <ul style="list-style-type: none"> • The region's construction industry is facing a sand shortage and the Proposal will provide a significant amount of sand locally. • The quarrying activity is proposed on the contains a large amount of relatively easily accessible sand. • The effects management hierarchy has been applied and the effects on natural inland wetlands can be mitigated on the Site.



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NES for Freshwater	
Performance Standard	Comment
<p>(5) <i>The discharge of water into water within, or within a 100 m setback from, a natural inland wetland is a discretionary activity if—</i></p> <ul style="list-style-type: none"> (a) <i>the discharge is for the purpose of quarrying activities; and</i> (b) <i>there is a hydrological connection between the discharge and the wetland; and</i> (c) <i>the discharge will enter the wetland; and</i> (d) <i>the discharge will change, or is likely to change, the water level range or hydrological function of the wetland.</i> <p>(6) <i>A resource consent for a discretionary activity under this regulation must not be granted unless the consent authority has first—</i></p> <ul style="list-style-type: none"> (a) <i>satisfied itself that the quarrying activity will provide significant national or regional benefits; and</i> (b) <i>satisfied itself that there is a functional need for the quarrying activity in that location; and</i> (c) <i>applied the effects management hierarchy.</i> 	

National Environmental Standards Consent Summary

No consents are required under the NES for Air Quality as regulations do not apply to the proposed activity or Site.

No consents are required under the NES for Assessing and Managing Contaminants in Soil to Protect Human Health as the Site is not a 'piece of land'.

Consent is required under Regulation 45A of the NES for Freshwater as quarries are **Discretionary Activities** when they involve vegetation clearance, earthworks, land disturbance, and the taking, use, diversion, and discharge of water within and within 100m of natural inland wetlands.



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2 Waikato Regional Plan

Regional Plan – Chapter 3 – Water Module	
Performance Standard	Comment
Rule 3.3.4.24 – Discretionary Activity Rule – Groundwater Takes	
<i>The taking of groundwater that, when assessed in combination with all other authorised takes from the same aquifer:</i>	
<ol style="list-style-type: none"> 1. <i>Is a supplementary take, temporary take or well and aquifer testing take that does not comply with Rules 3.3.4.12, 3.3.4.14 or 3.3.4.15; or</i> 2. <i>Is a non-qualifying s14(3)(b) take described by Policy 10 c); or</i> 3. <i>Does not exceed the Sustainable Yield if listed in Table 3-6; or</i> 4. <i>Is from an aquifer that is not listed in Table 3-6; or</i> 5. <i>Is for domestic or municipal supply takes where a water management plan is provided that meets the requirements of Method 8.1.2.2 of this Plan.</i> <p><i>is a discretionary activity.</i></p>	<p><u>Discretionary Activity</u></p> <p>The proposed groundwater take is from the Hamilton Basin – South aquifer and Table 3-6 does not list a Sustainable Yield for the aquifer.</p>
Rule 3.3.4.26 – Non-Complying Activity Rule - Water Takes	
<i>Except as provided in Rules 3.3.4.17, 3.3.4.18, 3.3.4.19, 3.3.4.20, 3.3.4.23, 3.3.4.24 and 3.3.4.25 and the takes described by Policy 6 the taking of groundwater or surface water (surface water calculated on a net take basis) that:</i>	
<ol style="list-style-type: none"> 1. <i>Is for a surface water take which when assessed in combination with all other authorised water takes exceeds the combined primary and secondary allocable flows in Table 3-5; or</i> 2. <i>Is for a surface water harvesting take which when assessed in combination with all other authorised surface water harvesting water takes exceeds the limits set in Policy 20 b); or</i> 3. <i>Is for a groundwater take which exceeds the Sustainable Yields (if listed) in Table 3-6, or</i> 4. <i>Is for domestic or municipal supply and a water management plan developed in accordance with Method 8.1.2.2 has not been provided to the Waikato Regional Council and to the Waikato River Iwi within whose rohe the take is located.</i> <p><i>is a non-complying activity.</i></p>	<p><u>Not Applicable</u></p> <p>The proposed groundwater take is provided for under Rule 3.3.4.24.</p>
Rule 3.4.5.4 – Permitted Activity Rule – Use of Water	
<i>Except as restricted by Rules 3.4.5.6, 3.4.5.7 and 3.4.5.8 the use (as restricted by s14 of the RMA) of water is a permitted activity subject to the following conditions:</i>	
<ol style="list-style-type: none"> a. <i>The use of water shall comply with the water management class standards in section 3.2.4 of this Plan.</i> 	<p><u>Complies</u></p> <p>The Karapiro Stream is classified as Trout Habitat under the Regional Plan and the proposal will comply with the water management class standards of Standard 3.2.4.5 (Fishery Class).</p>
Rule 3.4.5.5 – Restricted Discretionary Activity Rule – Use of Water	
<i>The use of water (as restricted by s14 of the RMA), that cannot comply with Rule 3.4.5.4 is a restricted discretionary activity</i>	
	<p><u>Not Applicable</u></p> <p>The proposed use of water can comply with Rule 3.4.5.4.</p>



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Regional Plan – Chapter 3 – Water Module	
Performance Standard	Comment
<p>Rule 3.5.4.4 – Permitted Activity Rule – Discharges of Water to Water – General Rule</p> <p><i>Except as expressly provided for by other rules in this Plan any discharge of water (excluding geothermal water), into water is a permitted activity subject to the following conditions:</i></p>	
<p>a. <i>There shall be no adverse effect on water quality of the receiving water body.</i></p> <p>b. <i>Any adverse erosion effects occurring as a result of the discharge to be remedied as soon as practicable.</i></p> <p>c. <i>There shall be no adverse effects from increased water levels downstream of the discharge point.</i></p> <p>d. <i>The Waikato Regional Council shall be notified in writing of the discharge, its volume, contaminant concentrations and the water quality of the receiving water body 10 working days prior to the discharge commencing.</i></p>	<p><u>Complies</u></p> <p>The proposed discharge of treated water from the erosion and sediment control structures to Karapiro Stream will comply with the conditions of Rule 3.5.4.4.</p>
<p>Rule 3.5.4.5 – Discretionary Activity Rule – Discharges – General Rule</p>	
<p><i>Any discharge of a contaminant into water, or onto or into land, in circumstances which may result in that contaminant (or any other contaminant emanating as a result of natural processes from that contaminant) entering water, that is not specifically provided for by any rule, or does not meet the conditions of a permitted or a controlled activity rule in this Plan, is a discretionary activity (requiring resource consent).</i></p>	<p><u>Discretionary Activity</u></p> <p>The proposed discharge of treated water from the erosion and sediment control structures to Karapiro Stream is likely to contain a small amount of contaminants (e.g. silt).</p>
<p>Rule 3.5.4.6 – Non-Complying Activity Rule – Discharges into other Water Bodies</p>	
<p><i>The discharge of contaminants (not including stormwater or contaminants associated with the take and use of geothermal water), into Natural State Water Bodies or wetlands that are areas of significant indigenous vegetation and/or significant habitats of indigenous fauna or cave entrances or lakes (excluding artificial lakes and Lake Rotoaira) is a non-complying activity (requiring resource consent).</i></p>	<p><u>Not Applicable</u></p> <p>Karapiro Stream is not a Natural State Water Body.</p>
<p>Rule 3.5.11.5 – Permitted Activity Rule – Discharge of Stormwater Onto or Into Land</p> <p><i>The discharge of stormwater (including geothermal water) onto or into land is a permitted activity subject to the following conditions:</i></p>	
<p>a. <i>The discharge shall not originate from a catchment that includes any high risk facility or contaminated land unless there is and interceptor system in place.</i></p> <p>b. <i>The discharge shall be below a rate that would cause flooding outside the design discharge soakage area, except in rain events equivalent to the 10% Annual Exceedance Probability design storm or greater. Any exceedance shall go into designated overland flow paths.</i></p> <p>c. <i>There shall not be any overland flow resulting in a discharge to surface water, except in rain events equivalent to the 10% Annual Exceedance Probability design storm or greater; then there shall be no adverse surface water effects as a result of the discharge.</i></p>	<p><u>Complies</u></p> <p>Quarries are not high risk facilities under Section 3.5.12 and WRC has confirmed that the Site does not appear on their contamination Land Use Information Register.</p> <p>Stormwater from the proposed buildings will not cause flooding or overland flow except in rain events equivalent to the 10% Annual Exceedance Probability design storm or greater.</p> <p>Erosion because of the stormwater discharge will be remedied as soon as practicable.</p> <p>The stormwater discharge will not contain concentrations of hazardous substances that may cause significant adverse effects on aquatic life or</p>



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Regional Plan – Chapter 3 – Water Module	
Performance Standard	Comment
<p>d. Any erosion occurring as a result of the discharge shall be remedied as soon as practicable.</p> <p>e. The discharge shall not contain concentrations of hazardous substances that may cause significant adverse effects on aquatic life or the suitability of the water for human consumption after treatment.</p>	<p>the suitability of the water for human consumption after treatment.</p>
<p>Rule 3.6.4.13 – Discretionary Activity Rule – Stopbanks, Diversions and any Associated Discharges of Water</p> <p>Where the diversion and subsequent discharge of water does not comply with Rules 3.6.4.6, 3.6.4.7, 3.6.4.8, 4.2.9.1, 4.2.9.2 or 4.2.9.3 any:</p>	
<p>1. Damming or diversion of water by way of a stopbank, and</p> <p>2. Diversion of water, and</p> <p>3. The use, erection, reconstruction, placement, alteration or extension of any structure on or in the bed of a river or stream associated with the above activities that:</p> <p style="margin-left: 20px;">i) is undertaken after the date of notification of this Plan, or</p> <p style="margin-left: 20px;">ii) affects a Significant Geothermal Feature</p> <p style="margin-left: 20px;">iii) does not occur in a cave system;</p> <p>is a discretionary activity.</p>	<p><u>Discretionary Activity</u></p> <p>As each stage of the pit area is excavated below the perched aquifer (approximately 65m RL) and regional aquifer (approximately 32m RL), groundwater will be diverted to the lowest point in the pit and ESC devises.</p> <p>The diversion and subsequent discharge of water does not comply with Rules 3.6.4.6, 3.6.4.7, 3.6.4.8, 4.2.9.1, 4.2.9.2 or 4.2.9.3.</p>
<p>Rule 3.7.4.7 – Discretionary Activity Rule – Drainage of Wetlands</p> <p>The following activities:</p>	
<p>a) the creation of drains after the date of notification of this Plan (28 September 1998), and</p> <p>b) the deepening (relative to the wetland water level) of the invert level (bed) of lawfully established or authorised drains constructed prior to the date of notification of this Plan (28 September 1998)</p> <p>within a wetland that is an area of significant indigenous vegetation and/or significant habitat of indigenous fauna are discretionary activities.</p>	<p><u>Not Applicable</u></p> <p>The proposal does not include the creation of or deepening of any drains.</p>
<p>Rule 3.8.4.3 – Permitted Activity Rule – Discharge of Drilling Fluids</p> <p>The discharge of water and drilling fluids from holes or wells onto or into land, or into ground water, is a permitted activity subject to the following conditions:</p>	
<p>a) There shall be no discharge to surface water, or discharge to land where contaminants may enter surface water.</p> <p>b) Drilling fluids shall be freshwater-based or air-based.</p> <p>c) Bentonite, and cement may be used. Other products, including polymers and surfactants, may be used provided that the product is not a hazardous substance in terms of the Hazardous Substances and New Organisms Act 1996.</p> <p>d) The discharge shall not be located within 20 metres of any Significant Geothermal Feature*.</p>	<p><u>Not Applicable</u></p> <p>RS Sand has already obtained AUTH143188.01.01 and AUTH143939.01.01 to construct, use and maintain 11 wells on the Site for ground water monitoring purposes and a test bore for an industrial water supply on the Site.</p>



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Regional Plan – Chapter 3 – Water Module	
Performance Standard	Comment
<p>Rule 3.8.4.7 – Controlled Activity Rule – Drilling Below the Water Table</p> <p><i>The drilling of holes or wells below the water table where the hole or well is not permitted by, or does not comply with, Rule 3.8.4.6 and which is not classified as a non-complying activity by Rule 3.8.4.9, is a controlled activity (requiring resource consent) subject to the following standards and terms:</i></p>	
<p>a) <i>All drilled holes/wells shall be constructed, maintained and/or abandoned so that they shall not cause cross-contamination between hydraulic units (aquifers) in any water including ground water and geothermal water.</i></p> <p>b) <i>Holes drilled shall be at least 100 metres away from and Significant Geothermal Feature and shall not be into geothermal water within a Protected or Research Geothermal System.</i></p> <p>c) <i>All holes/wells shall be managed and maintained such that leakage of water or contaminants to or from the ground surface is prevented.</i></p> <p>d) <i>Materials used for well construction shall be of such quality and strength to enable the well to be completed without casing or seal leakage during construction or subsequent well operation.</i></p> <p>e) <i>Wells used for potable water supply shall be located at least 30 metres from any on-site sewage disposal system.</i></p> <p>f) <i>Wells used for water supply purposes, shall be located at least 50 metres from a lake or stream, and 100 metres from Mean High Water Springs*.</i></p> <p>g) <i>A log for each drilled hole/well shall be forwarded to the Waikato Regional Council within two months of completion of drilling. Each log shall show:</i></p> <ul style="list-style-type: none"> <i>i) the location of the hole/well</i> <i>ii) date of completion</i> <i>iii) duration of drilling</i> <i>iv) depth and diameter of the hole/well</i> <i>v) the method of drilling</i> <i>vi) full construction details</i> <i>vii) the subsurface geology</i> <i>viii) results of any tests undertaken during drilling, including permeability, temperature and water quality</i> <i>ix) a site diagram.</i> <p>h) <i>The activity shall not disturb any archaeological site or waahi tapu as identified at the date of notification of this Plan, in any district plan, in the NZ Archaeological Association’s Site Recording Scheme, or by the Historic Places Trust except where Historic Places Trust approval has been obtained.</i></p> <p>i) <i>In the event of any waahi tapu that is not subject to standard and term g) being identified by the Waikato Regional Council to the person undertaking the activity, the activity shall cease insofar as it may affect the waahi tapu. The activity shall not be recommenced without the approval of the Waikato Regional Council.</i></p>	<p><u>Not Applicable</u></p> <p>RS Sand has already obtained AUTH143188.01.01 and AUTH143939.01.01 to construct, use and maintain 11 wells on the Site for ground water monitoring purposes and a test bore for an industrial water supply on the Site.</p>



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Regional Plan – Chapter 3 – Water Module	
Performance Standard	Comment
Rule 3.8.4.8 – Discretionary Activity Rule – Drilling Below the Water Table	
<i>The drilling of holes or wells below the water table that is not permitted by, or does not comply with, Rules 3.8.4.6 or 3.8.4.7 and which is not classified as a non-complying activity under Rule 3.8.4.9, is a discretionary activity.</i>	<p><u>Not Applicable</u></p> <p>RS Sand has already obtained AUTH143188.01.01 and AUTH143939.01.01 to construct, use and maintain 11 wells on the Site for ground water monitoring purposes and a test bore for an industrial water supply on the Site.</p>

Regional Plan – Chapter 4 – River and Lake Bed	
Performance Standard	Comment
Rule 4.2.10.1 – Permitted Activity Rule – Discharge and Intake Structures	
<p>1. <i>Unless controlled by Rule 4.2.5.1, 4.2.9.1, 4.2.9.2 and 4.2.9.3 the use, erection, reconstruction, placement, alteration or extension of a discharge or intake structure and associated bed disturbance, in, on, under or over the bed of any river or lake, and</i></p> <p>2. <i>Any discharge of sediment associated with construction activities;</i></p> <p><i>are permitted activities subject to the following conditions:</i></p>	
<p>a) <i>Total pipe diameter shall not exceed 300 millimetres or have a cross sectional area exceeding 0.071 square metres.</i></p> <p>b) <i>The intake or discharge structure shall not extend more than five metres, horizontally from the river or lake bank, or for more than 10 percent of the river bed width, whichever is the lesser.</i></p> <p>c) <i>The structure shall be kept free of debris.</i></p> <p>d) <i>The construction works shall comply with the suspended solids discharge standards as set out in Section 4.2.21.</i></p> <p>e) <i>The structure shall be maintained in a structurally sound condition at all times.</i></p> <p>f) <i>Where the water body exceeds 10 metres wide the presence of the structure shall be clearly indicated to river users by the use of signs.</i></p> <p>g) <i>All equipment and surplus construction materials shall be removed from the river or lake bed and the floodplain on the completion of that activity.</i></p> <p>h) <i>No contaminants (including, but not limited to, oil, hydraulic fluids, petrol, diesel, other fuels, paint or solvents, but excluding sediment) shall be discharged to water from the activity.</i></p> <p>i) <i>The activity shall not disturb any archaeological site or waahi tapu as identified at the date of notification of this Plan, in any district plan, in the NZ Archaeological Association’s Site Recording Scheme, or by the Historic Places Trust except where Historic laces Trust approval has been obtained.</i></p> <p>j) <i>In the event of any waahi tapu that is not subject to condition i) being identified by the Waikato Regional Council to the person undertaking the use, erection, reconstruction, placement, extension or alteration, the activity shall cease insofar as it may affect the waahi tapu. The activity shall not be recommenced without the approval of the Waikato Regional Council.</i></p>	<p><u>Not Applicable</u></p> <p>As the proposed erosion and sediment control structure will discharge towards Karapiro Stream, no structure or and bed disturbance works are proposed in, on, under or over the bed of the stream.</p>



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Regional Plan – Chapter 4 – River and Lake Bed	
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<p>k) <i>The structure shall provide for the safe passage of fish both upstream and downstream.</i></p> <p>l) <i>Any erosion occurring as a result of the structures shall be remedied as soon as practicable.</i></p> <p>m) <i>This rule shall not apply to activities located in, on, under or over the bed of a river or lake that is a Significant Geothermal Feature.</i></p> <p>n) <i>The structure shall be consistent with the provisions specified in the Water Management Classes in Section 3.2.4. of this Plan.</i></p>	
Rule 4.3.4.4 – Discretionary Activity Rule – Bed Disturbance Activities	
<p><i>Any river or lake bed disturbance activity, including:</i></p> <ol style="list-style-type: none"> 1. <i>Excavation, drilling, tunneling, or</i> 2. <i>The introduction of any plant or part of any plant in, on or under the bed, or</i> 3. <i>Deposition of any substance in, on or under the bed, or</i> 4. <i>Reclamation or drainage of the bed, or</i> 5. <i>The clearance of vegetation in, on or under the bed:</i> <p><i>that is not otherwise provided for by, or does not comply with, a permitted or controlled activity rule within this Regional Plan is a discretionary activity</i></p>	<p><u>Not Applicable</u></p> <p>As the proposed erosion and sediment control structure will discharge towards Karapiro Stream, no bed disturbance works are proposed in, on, under or over the bed of the stream.</p>
Rule 4.3.9.2 – Permitted Activity Rule – Vegetation Clearance	
<p><i>Except as provided for in Rule 4.3.9.3 the clearance of vegetation in, on or under the beds of rivers and lakes is a permitted activity subject to the following conditions:</i></p>	
<ol style="list-style-type: none"> a) <i>Floating debris and plant material shall be prevented from drifting away causing obstructions to the river or lake bed, spreading plant pests (as listed in Rule 4.3.8.2) or creating a navigation hazard.</i> b) <i>The activity shall not cause any increase in flooding on neighbouring properties.</i> c) <i>The activity shall not take place in Significant Indigenous Fisheries and Fish Habitat Class waters during August to December inclusive and Trout Fisheries and Trout Spawning Habitat class waters during May to September inclusive.</i> d) <i>All materials from the vegetation clearance activity and associated equipment shall be removed from the river or lake bed and floodplain on the completion of that activity.</i> e) <i>The activity shall not disturb any archaeological site or waahi tapu as identified at the date of notification of this Plan, in any district plan, in the NZ Archaeological Association’s Site Recording Scheme, or by the Historic Places Trust except where Historic Places Trust approval has been obtained.</i> f) <i>In the event of any waahi tapu that is not subject to condition ‘x’ (c, or e respectively) being identified by the Waikato Regional Council to the person undertaking the introduction and planting of plants, the activity shall cease insofar as it may affect the</i> 	<p><u>Not Applicable</u></p> <p>As the proposed erosion and sediment control structure will discharge towards Karapiro Stream, no vegetation clearance works are proposed in, on, under or over the bed of the stream.</p>



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Regional Plan – Chapter 4 – River and Lake Bed	
Performance Standard	Comment
<p><i>waahi tapu. The activity shall not be recommenced without the approval of the Waikato Regional Council.</i></p> <p><i>g) No contaminants (including, but not limited to, oil, hydraulic fluids, petrol, diesel, other fuels, paint or solvents, but excluding sediment) shall be discharged to water from the activity.</i></p> <p><i>h) The Waikato Regional Council shall be notified in writing at least 10 working days prior to commencing the activity if it occurs within a flood or drainage control scheme area that is managed by the Waikato Regional Council or a territorial authority.</i></p> <p><i>i) The activity shall comply with the suspended solids discharge standards as set out in Section 4.2.21.</i></p> <p><i>j) Any erosion occurring as a result of the activity shall be remedied as soon as practicable.</i></p> <p><i>k) The activity shall not be located in, on, or under the bed of a river or lake that is identified as a Significant Geothermal Feature.</i></p>	

Regional Plan – Chapter 5 – Land and Soil Module	
Performance Standard	Comment
5.1.4.11 Permitted Activity Rule – Soil Disturbance, Roading and Tracking and Vegetation Clearance	
<p><i>1. Unless otherwise provided for by Rules 5.1.4.14, 5.1.4.15, 5.1.4.16 or 5.1.4.17, soil disturbance, roading and tracking, and vegetation clearance and any associated deposition of slash into or onto the beds of rivers and any subsequent discharge of contaminants into water or air;</i></p> <p><i>2. Any roading and tracking activities associated with the installation of bridges or culverts permitted by Rules 4.2.8.1, 4.2.9.1 and 4.2.9.2, within 20 metres of that bridge or culvert and any associated deposition of slash into or onto the beds of rivers and any subsequent discharge of contaminants into water or air;</i></p> <p><i>3. Vegetation clearance of planted production forest as planted at the date upon which this Plan becomes operative;</i></p> <p><i>are permitted activities subject to the conditions in Section 5.1.5. In addition, 5.1.4.11(3) is subject to the following conditions:</i></p> <p><i>a. Provided that replanting of planted production forest does not occur within:</i></p> <p><i>i. five metres, on either side, of the bed of a water body excluding an ephemeral stream (except on the Coromandel Peninsula); and</i></p> <p><i>ii. ten metres, on either side of the bed of a water body excluding an ephemeral stream on the Coromandel Peninsula streams greater than 50 hectares</i></p> <p><i>iii. five metres on either side of the bed of water bodies between 20 and 50 hectares on the Coromandel Peninsula regardless of slope;</i></p> <p><i>b. On the Coromandel Peninsula where wilding pines are present at a density of greater than 50 stems per kilometre of riparian</i></p>	<p><u>Not Applicable</u></p> <p>The proposed soil disturbance, roading and tracking, and vegetation clearance activities are provided for by Rule 5.1.4.15.</p>



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Regional Plan – Chapter 5 – Land and Soil Module	
Performance Standard	Comment
<p><i>margin they will all be removed at first thinning so long as practicable from a safety perspective.</i></p>	
Rule 5.1.4.13 – Discretionary Activity Rule – Soil Disturbance, Roading and Tracking and Vegetation Clearance	
<p>1. <i>Any soil disturbance, roading and tracking, and vegetation clearance and any associated deposition of slash into or onto the beds of rivers and any subsequent discharge of contaminants into water or air that does not comply with the conditions of Permitted Activity Rule 5.1.4.11;</i></p> <p>2. <i>Soil cultivation within two metres of the bed of a river or lake that does not comply with Rule 5.1.4.12;</i></p> <p><i>are discretionary activities.</i></p>	<p><u>Discretionary Activity</u></p> <p>The proposed soil disturbance, roading and tracking, and vegetation clearance activities do not comply with the conditions of Permitted Activity Rule 5.1.4.11.</p>
Rule 5.1.4.15 – Discretionary Activity Rule – Soil Disturbance, Roading, Tracking, Vegetation Clearance, Riparian Vegetation Clearance in High Risk Erosion Areas	
<p><i>Except as restricted by Rule 5.1.4.16 the following activities, occurring in any continuous 12 month period and located in a high risk erosion area:</i></p>	
<p>1. <i>Roading and tracking activities exceeding 2,000 metres in length</i></p> <p>2. <i>Soil disturbance activities exceeding 1,000 cubic metres in volume (solid measure)</i></p> <p>3. <i>Soil disturbance activities exceeding two hectares in area</i></p> <p>4. <i>Soil disturbance activities resulting in a cut slope batter exceeding three metres in vertical height over a cumulative distance exceeding 120 metres in length</i></p> <p>5. <i>Vegetation clearance exceeding five hectares with the exclusion of planted production forests (except those restricted by Rule 5.1.4.16), and plant pests as specified in the Waikato Regional Council’s Regional Pest Management Strategy</i></p> <p>6. <i>Riparian vegetation clearance which is within five metres on either side of the banks of a perennial water body which exceeds 100 metres in length per kilometre, with the exclusion of planted production forests, riparian enhancement programmes and plant pests as specified in the Waikato Regional Council’s Regional Pest Management Strategy</i></p> <p>7. <i>Any riparian vegetation clearance within five metres of a Natural State water body as shown on the Water Management Class Maps except:</i></p> <p style="margin-left: 20px;"><i>i. that which is required as part of the construction of a walking track no greater than two metres width, and</i></p> <p style="margin-left: 20px;"><i>ii. the control of plant pests as specified in the Waikato Regional Council’s Regional Pest Management Strategy</i></p> <p>8. <i>Any activity specified in Rules 5.1.4.14 and 5.1.4.16, that does not comply with the conditions and standards and terms in Section 5.1.5;</i></p> <p><i>and any associated deposition of slash into or onto the beds of rivers and any subsequent discharge of contaminants into water or air are discretionary activities.</i></p>	<p><u>Discretionary Activity</u></p> <p>The project involves (approximately):</p> <ul style="list-style-type: none"> • 750m of roading and tracking activities. • 4,601,500 m³ of soil disturbance activities (access road, plant and pit areas). • 27 ha of soil disturbance activities (plant and pit areas). • Cut slope batter height of 35m over a distance of 1,200 m. • 27 ha of vegetation clearance activities (plant and pit areas).



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Regional Plan – Chapter 5 – Land and Soil Module	
Performance Standard	Comment
<p>Rule 5.2.5.1 – Permitted Activity Rule – Overburden Disposal Outside of High Risk Locations</p> <p><i>The discharge of overburden onto or into land at an overburden disposal site and any subsequent discharge of contaminants into water or air when occurring outside of:</i></p> <ol style="list-style-type: none"> 1. A high risk erosion area 2. A floodplain of a river 3. The catchment of, or within 10 metres of, whichever is the lesser, a sink hole* or cave entrance 4. Any wetlands that are areas of significant indigenous vegetation and/or significant habitats of indigenous fauna 5. A significant geothermal feature <p>is a permitted activity subject to the following conditions:</p>	
<ol style="list-style-type: none"> a. The concentration of suspended sediment in any discharge to a water body arising from this activity shall comply with the suspended sediment criteria as set out in Section 3.2.4.5. b. Any discharge to air arising from the activity shall comply with the conditions and standards and terms in Section 6.1.8 except where the matters addressed in Section 6.1.8 are already addressed by conditions on resource consents for the site. c. The overburden has no acid producing material. d. The activity shall not disturb any archaeological site or waahi tapu as identified at the date of notification of this Plan (28 September 1998), in any district plan, in the NZ Archaeological Association’s Site Recording Scheme, or by the Historic Places Trust except where Historic Places Trust approval has been obtained. e. In the event of any waahi tapu that is not subject to condition d) being identified by the Waikato Regional Council to the person undertaking the activity, the activity shall cease insofar as it may affect the waahi tapu. The activity shall not be recommenced without the approval of the Waikato Regional Council. f. Where the site is to receive a total volume of more than 1,000 cubic metres of overburden (solid measure) the operator shall notify the Waikato Regional Council in writing of the accurate location of the site seven working days prior to commencing operation. g. The placement of the material shall be undertaken and maintained in a manner so as to ensure its long term stability. h. The activity shall not cause any increase in flooding on neighbouring properties. 	<p><u>Not Applicable</u></p> <p>While the proposed overburden bunds along the boundaries of the plant and pit areas are outside of high risk erosion areas and the flood plain of Karapiro Stream, the overburden discharged to the slopes of the completed stages will be high risk erosion areas due to the 3 to 1 (33 degree) batter slopes.</p>
<p>Rule 5.2.5.2 – Controlled Activity Rule – Overburden Disposal Not Permitted by Rule 5.2.5.1</p> <p><i>The discharge of overburden onto or into land at an overburden disposal site and any subsequent discharge of contaminants into water or air that does not comply with Rule 5.2.5.1 when occurring within:</i></p>	
<ol style="list-style-type: none"> 1. A high risk erosion area 2. A floodplain of a river 3. The catchment of, or within 10 metres of, whichever is the lesser, a sink hole or cave entrance 	<p><u>Not Applicable</u></p> <p>While the overburden discharged to the slopes of the completed stages will be high risk erosion areas due to the 3 to 1 (33 degree) batter slopes, the total volume disposed of at the completion of quarrying</p>



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Regional Plan – Chapter 5 – Land and Soil Module	
Performance Standard	Comment
<p>4. Any wetlands that are areas of significant indigenous vegetation and/or significant habitats of indigenous fauna</p> <p>5. A significant geothermal feature</p> <p>is a controlled activity (requiring resource consent) subject to the following standards and terms:</p> <p>a. The maximum volume of material deposited at any single site and within any three year period, shall not exceed 5,000 cubic metres of overburden (solid measure).</p> <p>b. The overburden material has no acid producing potential⁶.</p> <p>c. The placement of the material shall be undertaken and maintained in a manner so as to ensure its long-term stability.</p> <p>d. The activity shall not cause any increase in flooding on neighbouring properties.</p>	<p>activities will be approximately 438,000 m³ (pit area and 50% of the plant area).</p>
Rule 5.2.5.3 – Discretionary Activity Rule – Large Scale Overburden Disposal	
<p>The discharge of overburden onto or into land and any subsequent discharge of contaminants into water or air in a manner that does not comply with Rules 5.2.5.1 and 5.2.5.2 is a discretionary activity.</p>	<p><u>Discretionary Activity</u></p> <p>The proposed discharge of overburden does not comply with Rules 5.2.5.1 and 5.2.5.2 as it includes high risk erosion areas and the total volume disposed of at the completion of quarrying activities will be approximately 438,000 m³ (pit area and 50% of the plant area).</p>
Rule 5.2.5.4 – Permitted Activity Rule – Small Scale Cleanfill Disposal Outside of High Risk Locations	
<p>The discharge of cleanfill onto or into land and any subsequent discharge of contaminants into water or air when occurring outside of:</p>	
<p>1. A high risk erosion area</p> <p>2. A floodplain of a river</p> <p>3. The catchment of, or within 10 metres of, whichever is the lesser, a sink hole or cave entrance</p> <p>4. Any wetlands that are areas of significant indigenous vegetation and/or significant habitats of indigenous fauna</p> <p>5. A significant geothermal feature</p> <p>and where the total volume of cleanfill does not exceed 2,500 cubic metres per annum, is a permitted activity subject to the following conditions:</p>	
<p>a. Any discharge to air arising from the activity shall comply with the conditions and standards and terms in Section 6.1.8 except where the matters addressed in Section 6.1.8 are already addressed by conditions on resource consents for the site.</p> <p>b. Records of the source and composition of all material disposed of at the site shall be maintained and made available to the Waikato Regional Council upon request to demonstrate that only cleanfill as defined in the Glossary to this Plan has been received.</p> <p>c. The cleanfill has no acid producing potential.</p> <p>d. The activity shall not disturb any archaeological site or waahi tapu as identified at the date of notification of this Plan (28 September 1998), in any district plan, in the NZ Archaeological Association’s Site Recording Scheme, or by the Historic Places</p>	<p><u>Not Applicable</u></p> <p>Only overburden is proposed to be discharged on the Site.</p>



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Regional Plan – Chapter 5 – Land and Soil Module	
Performance Standard	Comment
<p><i>Trust except where Historic Places Trust approval has been obtained.</i></p> <p><i>e. In the event of any waahi tapu that is not subject to condition d) being identified by the Waikato Regional Council to the person undertaking the activity, the activity shall cease insofar as it may affect the waahi tapu. The activity shall not be recommenced without the approval of the Waikato Regional Council.</i></p> <p><i>f. Where the site is to receive a total volume of more than 1,000 cubic metres of cleanfill (loose measure) the operator shall notify the Waikato Regional Council in writing of the accurate location of the site seven working days prior to commencing operation.</i></p> <p><i>g. The placement of the material shall be undertaken and maintained in a manner so as to ensure its long-term stability.</i></p> <p><i>h. The activity shall not cause any increase in flooding on neighbouring properties.</i></p> <p><i>i. The concentration of suspended sediment in any discharge to a water body arising from this activity shall comply with the suspended sediment criteria as set out in Section 3.2.4.6.</i></p>	
<p>Rule 5.2.5.5 – Controlled Activity Rule – Large Scale Cleanfill Disposal outside High Risk Locations</p> <p><i>The discharge of cleanfill onto or into land and any subsequent discharge of contaminants into water or air that does not comply with Rule 5.2.5.4 when occurring outside of:</i></p>	
<p><i>1. A high risk erosion area</i></p> <p><i>2. A floodplain of a river</i></p> <p><i>3. The catchment of, or within 10 metres of, whichever is the lesser, a sink hole or cave entrance</i></p> <p><i>4. Any wetlands that are areas of significant indigenous vegetation and/or significant habitats of indigenous fauna</i></p> <p><i>5. A significant geothermal feature</i></p> <p><i>is a controlled activity (requiring resource consent) subject to the following standards and terms:</i></p> <p><i>a. Any discharge to air arising from the activity shall comply with the conditions and standards and terms in Section 6.1.8 except where the matters addressed in Section 6.1.8 are already addressed by conditions on resource consents for the site.</i></p> <p><i>b. Records of the source and composition of all material disposed of at the site shall be maintained and made available to the Waikato Regional Council upon request to demonstrate that only cleanfill as defined in the Glossary to this Plan has been received.</i></p> <p><i>c. The cleanfill has no acid producing potential.</i></p> <p><i>d. The placement of the material shall be undertaken and maintained in manner so as to ensure its long-term stability.</i></p> <p><i>e. The activity shall not cause any increase in flooding on neighbouring properties.</i></p>	<p><u>Not Applicable</u></p> <p>Only overburden is proposed to be discharged on the Site.</p>



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Regional Plan – Chapter 5 – Land and Soil Module	
Performance Standard	Comment
Rule 5.2.5.6 – Discretionary Activity Rule – Cleanfill Disposal in High Risk Locations	
<i>The discharge of cleanfill onto or into land and any subsequent discharge of contaminants into water or air in a manner that does not comply with Rules 5.2.5.4 and 5.2.5.5 is a discretionary activity.</i>	<u>Not Applicable</u> Only overburden is proposed to be discharged on the Site.
Rule 5.2.9.1 – Permitted Activity Rule – Use of Dust Suppressants	
<i>The discharge of contaminants (excluding waste oil*) onto or into land for the purpose of dust suppression is a permitted activity subject to the following conditions:</i>	
<ul style="list-style-type: none"> a) <i>If the dust suppressant is a hazardous substance or if the water or dust suppressant contains hazardous substances it shall be licensed for use as a dust suppressant under the provisions of the Hazardous Substances and New Organisms Act (1996).</i> b) <i>The contaminants shall not be applied at a rate or in weather conditions that result in ponding or surface run-off of contaminants into surface water.</i> c) <i>Any discharge to air arising from the activity shall comply with the conditions and standards and terms in Section 6.1.8 except where the matters addressed in Section 6.1.8 are already addressed by conditions on resource consents for the site.</i> 	<u>Permitted Activity</u> Dust is to be suppressed by using water from the proposed groundwater take and will comply with the conditions of Rule 5.2.9.1.
Rule 5.2.9.2 – Non-Complying Activity Rule – Waste Oil and Other Dust Suppressants	
<i>The discharge onto or into land of waste oil or other substances that does not comply with Rule 5.2.9.1 is a non-complying activity.</i>	<u>Not Applicable</u> The discharge of dust suppressants will comply with Rule 5.2.9.1.
Rule 5.3.4.6 – Permitted Activity Rule – Discharges from Remediation of Contaminated Land	
<i>Any discharge arising from remediation of contaminated land is a permitted activity, subject to the following conditions:</i>	
<ul style="list-style-type: none"> a. <i>Any discharge to air arising from the activity shall comply with the conditions and standards and terms in Section 6.1.8 except where the matters addressed in Section 6.1.8 are already addressed by conditions on resource consents for the site.</i> b. <i>No contaminants from the remediation of the contaminated land shall be discharged into water or onto land unless discharged to a landfill authorised in Section 5.2.7.</i> c. <i>The Waikato Regional Council shall be provided with the following reports prepared in compliance with Contaminated Land Management Guideline No.1: Reporting on Contaminated Sites in New Zealand (Ministry for the Environment, Wellington, NZ, updated October 2003) prior to commencement of land remediation:</i> <ul style="list-style-type: none"> i. <i>detailed site investigation report</i> ii. <i>site remedial action plan</i> d. <i>After remediation is completed, copies of the following reports prepared in compliance with Contaminated Land Management Guideline No.1: Reporting on Contaminated Sites in New Zealand (Ministry for the Environment, Wellington, NZ, updated</i> 	<u>Not Applicable</u> WRC has confirmed that the Site does not appear on the Land Use Information Register.



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Regional Plan – Chapter 5 – Land and Soil Module	
Performance Standard	Comment
<p>October 2003) must be provided to the Waikato Regional Council:</p> <ul style="list-style-type: none"> i. site validation report ii. ongoing monitoring and management plan. <p>e. Any updates of these reports shall be provided to the Waikato Regional Council if a change in investigation, remediation and monitoring strategy occurs.</p>	
<p>Rule 5.3.4.7 – Controlled Activity Rule – Discharges from Remediation of Contaminated Land</p> <p><i>Any discharge arising from remediation of contaminated land that does not comply with Rule 5.3.4.6 is a controlled activity subject to the following standards and terms:</i></p>	
<ul style="list-style-type: none"> a. The Waikato Regional Council shall be provided with the following reports prepared in compliance with Contaminated Land Management Guideline No.1: Reporting on Contaminated Sites in New Zealand (Ministry for the Environment, Wellington, NZ, updated October 2003) prior to commencement of land remediation: <ul style="list-style-type: none"> i. detailed site investigation report, ii. site remedial action plan. b. After remediation is completed, copies of the following reports prepared in compliance with Contaminated Land Management Guideline No.1: Reporting on Contaminated Sites in New Zealand (Ministry for the Environment, Wellington, NZ, updated October 2003) must be provided to the Waikato Regional Council: <ul style="list-style-type: none"> i. site validation report. ii. ongoing monitoring and management plan. c. Any updates of these reports shall be provided to the Waikato Regional Council if a change in investigation, remediation and monitoring strategy occurs. d. Any discharge to air arising from the activity shall comply with the conditions and standards and terms in Section 6.1.8 except where the matters addressed in Section 6.1.8 are already addressed by conditions on resource consents for the site. 	<p><u>Not Applicable</u></p> <p>WRC has confirmed that the Site does not appear on the Land Use Information Register.</p>
<p>Rule 5.3.4.8 – Discretionary Activity Rule – Discharges from Remediation of Contaminated Land</p>	
<p><i>Any discharge arising from remediation of contaminated land that does not comply with Rules 5.3.4.6 and 5.3.4.7 is a discretionary activity.</i></p>	<p><u>Not Applicable</u></p> <p>WRC has confirmed that the Site does not appear on the Land Use Information Register.</p>



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Regional Plan – Chapter 6 – Air Module	
Performance Standard	Comment
<p>Rule 6.1.9.2 – Discretionary Activity Rule – General Rule</p> <p><i>Except as provided for in any other rule in this Plan, the discharge of contaminants into air from:</i></p>	
<p>1. Any process or activity that is on an industrial or trade premises and is not permitted by or does not comply with Rules 6.1.9.1, 6.1.10.1 to 6.1.19.1; or</p> <p>2. A mobile source or premises that are not industrial or trade premises, and does not comply with Rules 6.1.9.1, 6.1.10.1 to 6.1.19.1</p>	<p><u>Not Applicable</u></p> <p>The discharge of contaminants into air will comply with Rule 6.1.16.1.</p>
<p>Rule 6.1.16.1 – Permitted Activity Rule – Mineral Extraction, Size Reduction, Screening and Storage</p> <p><i>The discharge of contaminants to air from any mineral extraction, processing and storage operation is a permitted activity subject to the following conditions:</i></p>	
<p>a. Where the operation occurs within 1000 metres of a property boundary and there is a discharge of particulate matter beyond the property boundary the following measures shall be implemented:</p> <p style="margin-left: 20px;">i. the use of water sprays to suppress dust from crushing and screening plants, access ways, haul roads, stockpiles, load out areas and access roads</p> <p style="margin-left: 20px;">ii. the sealing and maintenance of the access road, when it is within 150 metres of a neighbouring residential dwelling.</p> <p>b. As specified in Section 6.1.8 a) to e) of this Plan.</p> <p>c. Within seven working days of commencing works at a new site, the operator of the new quarrying site shall provide the Waikato Regional Council with written notification of the location of the site.</p> <p>d. Should an emission of particulate matter occur that causes adverse effects of an objectionable nature beyond the property boundary as determined in accordance with the decision making guidelines set out in Section 6.4.2.2, the quarry operator shall provide a written report to the Waikato Regional Council within five days of the incident occurring, which specifies:</p> <p style="margin-left: 20px;">i. the cause or likely cause of the event and any factors that influenced its severity</p> <p style="margin-left: 20px;">ii. the nature and timing of any measures implemented by the quarry operator to avoid, remedy, or mitigate any adverse effects</p> <p style="margin-left: 20px;">iii. the steps to be taken to prevent recurrence of similar events.</p> <p>e. There shall be no discharges of hazardous substances into the air.</p>	<p><u>Permitted Activity</u></p> <p>Operation of the proposed quarry will include water carts and/or sprayers to suppress dust from the screening plant, access way, haul roads, stockpiles, load out areas and access roads.</p> <p>The proposed access road is not within 150 metres of a neighbouring residential dwelling.</p> <p>Subject to the proposed mitigation measures, discharges to air from the proposed quarry will comply with the standards in Section 6.1.8 a) to e) as:</p> <ul style="list-style-type: none"> • There is no additional risk to human, flora or fauna health. • They will not result in objectionable odour particulate matter beyond the boundaries of the subject properties. • They will not significantly impair visibility beyond the boundaries of the subject properties. • They will not cause accelerated corrosion or accelerated deterioration to structures beyond the boundary of the subject property. <p>By virtue of the application the Regional Council has been given written notification of the location of the new quarry site.</p> <p>The quarry operator will provide a written report to the Regional Council within five days of an incident involving the emission of particulate matter that causes adverse effects of an objectionable nature beyond the property boundary.</p> <p>The operation of the quarry will not discharge hazardous substances into the air.</p>

Waikato Regional Plan Consent Summary

The project requires the following resource consents under the regional plan:

- Rule 3.3.4.24 – Groundwater Takes.
- Rule 3.5.4.5 – Discharges – General Rule.



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- Rule 3.6.4.13 – Stopbanks, Diversions and any Associated Discharges of Water.
- Rule 5.1.4.13 – Soil Disturbance, Roding and Tracking and Vegetation Clearance.
- Rule 5.1.4.15 – Soil Disturbance, Roding, Tracking, Vegetation Clearance, Riparian Vegetation Clearance in High Risk Erosion Areas.
- Rule 5.2.5.3 – Large Scale Overburden Disposal.

Given that the most stringent activity status shall be applied, the project is a **Discretionary Activity**.



RULES ASSESSMENT

3 Waipā District Plan

District Plan – Section 4 – Rural Zone	
Performance Standard	Comment
Rule 4.4.1.1 – Permitted Activity Status Table	
<i>The following activities must comply with the performance standards of this zone</i>	
(m) Earthworks (t) Earthworks within the National Grid Yard that comply with Rule 4.4.2.76.	<u>Not Applicable</u> Rules 4.4.2.75 excludes earthworks associated with mineral extraction activities. The proposed earthworks within a National Grid Yard complies with Rule 4.4.2.76 (refer below).
Rule 4.4.1.3 – Restricted Discretionary Activity Status Table	
<i>The following activities must comply with the performance standards of this zone</i>	
(n) Any permitted or controlled activity that does not comply with the performance standards in 4.4.2, except for those specified in Rule 4.4.1.4(a) or as specified in 4.4.2.	<u>Not Applicable</u> Earthworks are specified as Rule 4.4.1.4(a)(xviii).
Rule 4.4.1.4 – Discretionary Activity Status Table	
(h) Mineral extraction activities except where located within 500m (minimum) from Lakes Cameron, Koromatua, Mangahia, Mangakaware, Maratoto, Ngārotoiti, Ngāroto, Rotomānuka, Rotopātaka, Ruatuna and Rotopiko/Serpentine as measured at maximum annual water level.	<u>Discretionary Activity</u> The Proposal is for a mineral extraction activity (sand quarry) that is not within 500m of the lakes identified under subsection (h).
Rule 4.4.1.5 – Non-Complying Activity Status Table	
(f) Within the National Grid Yard: (iv) Any building, structure or earthworks which fail to comply with Rules 4.4.2.76, 4.4.2.77 or 4.4.2.78.	<u>Not Applicable</u> Rules 4.4.2.77 or 4.4.2.78 are not relevant as no buildings or structures are proposed within the National Grid Yard.
Rule 4.4.2.2 – Minimum Setbacks from Internal Site Boundaries	
<i>The minimum building setback from internal site boundaries shall meet the following:</i>	
(c) Accessory buildings to dwellings less than or equal to 100m ² – 10m (d) All other buildings less than or equal to 250m ² – 15m (e) All other buildings greater than 250m ² – 25m <i>Provided that buildings may be erected up to any common boundary with an adjoining site which is in the same holding.</i>	<u>Complies</u> All buildings will comply with the minimum setbacks.
Rule 4.4.2.9 – Height of Buildings	
<i>Buildings in all areas except for those affected by the approach surfaces, transitional surfaces, horizontal surface, conical surface, as delineated on the Planning Maps for Hamilton International Airport and also in Appendix O9 shall not exceed 12m in height above ground level.</i>	<u>Complies</u> The screening and processing plants and other buildings will not exceed 12m in height.



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District Plan – Section 4 – Rural Zone	
Performance Standard	Comment
Rule 4.4.2.10 – Minimum Building Coverage	
<i>The maximum amount of a site which can be covered by buildings is:</i>	
(a) 3% for sites of one hectare or more.	<u>Complies</u> The existing and proposed buildings will cover less than 3% (4 ha) of the underlying properties.
Rule 4.4.2.12 – Daylight Control	
<i>No building shall penetrate a recession plane at right angles to a boundary inclined inwards and upwards at an angle of 45o from 2.7m above the ground level of the front, side or rear boundaries of a site.</i>	<u>Complies</u> The proposed buildings will not penetrate the recession plane.
Rule 4.4.2.15 – Noise	
<i>Noise generating activity other than that from farm animals including farm dogs, agricultural vehicles (when not being used for recreational purposes), agricultural machinery or equipment (including produce packing facilities where the only produce packed is grown on site) operated and maintained in accordance with the manufacturer's specifications and in accordance with accepted management practices (e.g. for milking, spraying, harvesting, packing and the like, but not including frost fans) and provided that the best practicable option (including the option for the activity to take place at another time of the day), is adopted to ensure that the emission of noise does not exceed a reasonable level; shall be conducted and buildings located, designed and used to ensure that they do not exceed the following limits within the notional boundary of any dwelling (excluding dwellings within mineral extraction sites):</i> (a) Day time - 7.00am to 10.00pm 50dBA (Leq) (b) Night time - 10.00pm to 7.00am 40dBA (Leq) (c) Night time single noise event 70dBA (Lmax) <i>The noise levels shall be measured and assessed in accordance with the requirements of NZS 6801:2008 – Acoustics – Environmental Sound and assessed in accordance with NZS 6802:2008 – Acoustics – Environmental Noise. Provided that this rule shall not apply to the use or testing of station and vehicle sirens or alarms used by emergency services.</i>	<u>Complies</u> The quarry is proposed to operate Monday to Friday 7:00am to 5:00pm and Saturday – 7:00am to 12:00pm. The operation noise levels predicted to the notional boundaries of the neighbouring dwellings do not exceed 47 dBA Leq.
Rule 4.4.2.19 – Construction Noise	
<i>Construction noise emanating from a site shall meet the limits recommended in and be measured and assessed in accordance with New Zealand Standard NZS 6803:1999 Acoustics – Construction Noise.</i>	<u>Complies</u> NZS 6803 limits construction noise to 75dBA Leq. The construction noise levels predicted 1m from the façade of the neighbouring dwellings do not exceed 69 dBA Leq.
Rule 4.4.2.58 – Tree Planting	
<i>No trees within a woodlot forest, commercial forest or shelterbelt which are or are likely to grow to more than 6m in height shall be planted closer than any of the distances specified below:</i>	



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District Plan – Section 4 – Rural Zone	
Performance Standard	Comment
<p>(a) 30m from any dwelling on an adjoining site; or</p> <p>(b) 30m from any site boundary of the Residential Zone or Large Lot Residential Zone or Marae Development Zone; or</p> <p>(c) 20m from any strategic arterial road and 10m from any other road or railway; or</p> <p>(d) 10m to a vertical line directly below an overhead power or telephone line; or</p> <p>(e) 5m from the edge of any lake or from the banks of any water bodies except trees which are planted for river protection works, soil conservation or for conservation planting.</p>	<p><u>Complies</u></p> <p>The species of plants chosen for the screening around the perimeter of the plant and pit areas will not be capable of growing more than 6m in height.</p>
<p>Rule 4.4.2.76 – Earthworks</p> <p><i>Any earthworks within a National Grid Yard must:</i></p>	
<p>(a) Around National Grid pole support structures:</p> <p style="padding-left: 20px;">(i) Be no deeper than 300mm within 2.2m of a National Grid pole support structure or stay wire; and</p> <p style="padding-left: 20px;">(ii) Be no deeper than 750mm between 2.2m to 5m from a National Grid pole support structure or stay wire.</p> <p><i>Provided that vertical holes not exceeding 500mm in diameter beyond 1.5m from the outer edge of pole support structure or stay wire are exempt from (i) and (ii) above.</i></p> <p>(b) Around National Grid tower support structures:</p> <p style="padding-left: 20px;">(i) Be no deeper than 300mm within 6m of the outer visible edge of a National Grid tower; and</p> <p style="padding-left: 20px;">(ii) Be no deeper than 3m between 6m to 12m from the outer visible edge of a National Grid tower.</p> <p><i>Provided that vertical post holes for a rural fence or horticultural structure not exceeding 500mm in diameter beyond 5m from the visible outer edge of the tower support structure foundation are exempt from (i) above.</i></p> <p>(c) Anywhere within the National Grid Yard:</p> <p style="padding-left: 20px;">(i) Not create an unstable batter that will affect a transmission support structure; and</p> <p style="padding-left: 20px;">(ii) Not result in a reduction in the ground to conductor clearance distances below what is required by Table 4 of NZECP34.</p> <p><i>Provided that the following are exempt from Rule 4.4.2.76(a) and (b) above:</i></p> <p style="padding-left: 20px;">(i) Earthworks undertaken by a network utility operator; or</p> <p style="padding-left: 20px;">(ii) Earthworks undertaken as part of agricultural or domestic cultivation, or repair, sealing or resealing of a road, footpath, driveway or farm track.</p>	<p><u>Complies</u></p> <p>All earthworks will be undertaken in accordance with the pole, tower, and yard requirements of Rule 4.4.2.76.</p>
<p>Rule 4.4.2.77 – Buildings and Structures Within the National Grid Yard</p> <p><i>Buildings and structures on all sites under the National Grid Conductors (wires), within any part of the National Grid Yard, are permitted if they meet the following:</i></p>	



RULES ASSESSMENT

District Plan – Section 4 – Rural Zone	
Performance Standard	Comment
<p>(a) Are internal alterations to a building used for a National Grid Sensitive Activity that do not extend the building footprint, or increase the height of the building; and/or</p> <p>(b) Are a fence; and/or</p> <p>(c) Are network utilities within a transport corridor or any part of electricity infrastructure that connects to the National Grid; and/or</p> <p>(d) Are an uninhabitable building for farming activities, excluding commercial greenhouses, buildings for intensive farming activities, or milking/dairy sheds (excluding ancillary structures); and/or</p> <p>(e) Are uninhabited horticultural buildings or structures; and/or</p> <p>(f) Any public sign required by law or provided by any statutory body in accordance with its powers under any Act.</p> <p>Provided that all buildings and structures must comply with at least one of the following:</p> <p>(i) Have a minimum vertical clearance of 10m below the lowest point of the conductor associated with National Grid lines (refer diagram below); or</p> <p>(ii) Demonstrate that safe electrical clearance distances are maintained under all National Grid line operating conditions.</p>	<p><u>Complies</u></p> <p>All proposed buildings and structures will have a minimum vertical clearance of 10m or demonstrate that safe electrical clearance distances are maintained under all National Grid line operating conditions.</p>
<p>Rule 4.4.2.78 – Buildings and Structures Within the National Grid Yard</p> <p><i>Buildings and structures around the National Grid Support Structures shall be setback a minimum of 12m from a National Grid Support Structure, provided that the following buildings and structures are exempt from this rule:</i></p>	
<p>(a) A Network utility within a transport corridor or any part of electricity infrastructure that connects to the National Grid; or</p> <p>(b) A fence less than 2.4m in height and more than 5m from the nearest National Grid Support Structure; or</p> <p>(c) A horticultural structure between 8m and 12m from a single pole support structure that:</p> <p style="margin-left: 20px;">(i) Meets the requirements of the New Zealand Electrical Code Of Practice for Electrical Safe Distances for separation distances from the conductor (NZECP34:2001); and</p> <p style="margin-left: 20px;">(ii) Is no more than 2.5m high; and</p> <p style="margin-left: 20px;">(iii) Is removable or temporary, to allow a clear working space 12m from the pole support structure when necessary for maintenance and emergency repair purposes; and</p> <p style="margin-left: 20px;">(iv) Allows all weather access to the pole support structure and a sufficient area for maintenance equipment, including a crane.</p>	<p><u>Complies</u></p> <p>All proposed buildings and structures will have a minimum setback of 12m from a National Grid Support Structure.</p>



RULES ASSESSMENT

District Plan – Section 16 – Transportation					
Performance Standard			Comment		
Rule 16.4.1.1 – Activity Status Table					
<p>(a) Permitted, Controlled or Restricted Discretionary activities (b) to (j) shall comply with the performance standards of 16.4.2. Failure to comply with the performance standards of 16.4.2 will result in the activity being a discretionary activity or as specified in 16.4.2.</p> <p>(b) Activities that comply with the car parking and loading requirements of Appendix T1. (Permitted)</p>			<p><u>Not Applicable</u></p> <p>The proposal is not a permitted, controlled or restricted discretionary activity under (b) to (j), as it is a discretionary activity under Rule 16.4.2.5 (see below).</p>		
Rule 16.4.2.4 – Vehicular Access to Sites in All Zones					
<p>Every site shall be provided with vehicle access to a formed road that is constructed to a permanent standard. The vehicle access shall be designed to accommodate the demands of all traffic from the activity on that site, taking into account the form and function of the road.</p>			<p><u>Complies</u></p> <p>A new vehicle access is proposed to the Site and shall be design to accommodate a maximum of 200 trucks per day.</p>		
Rule 16.4.2.5 – Vehicle Entrance Separation from Intersections and Other Vehicle Entrances					
<p>The minimum distance of a vehicle entrance (accessway) from an intersection or other entrance shall be as follows, where the values for K, M and N are included in the following table:</p>			<p><u>Discretionary Activity</u></p> <p>While the proposed vehicle crossing is at least 600m from any intersection, it is approximately 160m from the nearest vehicle crossing to the east.</p>		
Posted Speed Limit	Min. Dist. from Side Road (K)	Min. Dist. from Highway (M)			Min. Dist. from Accessway (N)
100	200m	60m			200m
Rule 16.4.2.13 – Parking, Loading and Manoeuvring Area					
<p>All activities that involve the erection, construction or substantial reconstruction, alteration or addition to a building on any site, or changes the use of any land or building, shall provide parking and loading/unloading for vehicles on the site as set out in Appendix T1.</p>			<p><u>Complies</u></p> <p>Parking and loading areas will be provided in accordance with Appendix T1.</p>		
Rule 16.4.2.15 – Parking, Loading and Manoeuvring Area					
<p>Vehicle parking, loading/unloading, and manoeuvring areas shall:</p>					
<p>(a) Not encroach on any setback, outdoor living area, or bicycle parking spaces; and loading/unloading areas and manoeuvring areas shall not encroach over vehicle parking spaces; and</p> <p>(b) Be designed, formed, and constructed to ensure that the surface of the required area provides a dust free environment; and</p> <p>(c) Provide for the safe and efficient disposal of surface stormwater clear of any adjoining access or road surface in a way that does not result in ponding or scouring; and</p> <p>(d) Be constructed to accommodate the anticipated use of the area by all traffic likely to access the site in the zone in which it is located, including construction traffic taking into account</p>			<p><u>Discretionary Activity</u></p> <p>While the proposed parking, loading and manoeuvring areas will comply with subsections (a), (c)-(e), as the surface of the proposed parking, loading and manoeuvring areas will be sand and metal, they will not provide a dust free environment.</p>		



RULES ASSESSMENT

District Plan – Section 16 – Transportation	
Performance Standard	Comment
<p>pavement, surfacing, demarcation of spaces, aisles and circulation roads; and</p> <p>(e) Be provided on the site on which the building, activity or proposal is located, except where the provisions of Rules 16.4.2.16 and 16.4.2.17 apply.</p>	
<p>Rule 16.4.2.23 – Car Park Landscaping and Lighting</p> <p>Other than in the St Peters School Zone, all car parks must:</p>	
<p>(a) Provide at least one tree planted for every 5 car parking spaces at a grade of no less than PB95. For the avoidance of doubt, PB95 is equivalent to a tree that is at least 1.5m tall at the time of planting; and</p> <p>(b) Ensure lighting is designed to avoid shading areas or isolating areas of public use.</p>	<p>Restricted Discretionary Activity</p> <p>Given the proposed activity is a quarry, no trees are proposed in the parking area.</p> <p>Lighting will avoid shading areas or isolating areas of public use.</p>
<p>Rule 16.4.2.25 – Provision of an Integrated Transportation Assessment</p> <p>A Simple or Broad Integrated Transport Assessment (ITA) shall be prepared for activities as required by this rule, in accordance with the following trigger thresholds:</p>	
<p>Collector and Local Roads</p>	
<p>Activity Status</p> <p>Any Restricted Discretionary Activity</p>	<p>HIGH >250 vpd</p> <p>RD Simple ITA required</p>
<p>The site is on a local road and the proposal will result in maximum of 400vpd.</p> <p>An ITA has been prepared and forms part of the application.</p>	

District Plan – Section 20 – Health and General Amenity	
Performance Standard	Comment
<p>Rule 20.4.2.1 – Odour, Smoke, Fumes or Dust</p>	
<p>No activity shall produce any objectionable odour, smoke, fumes or dust at or beyond the 20.4.2.1 boundaries of the site from which the nuisance emanates.</p>	<p>Subject to appropriate conditions of consent, the Proposal will not result in any objectionable odour, smoke, fumes or dust at or beyond the property boundaries.</p>
<p>Rule 20.4.2.2 – Lighting and Glare</p>	
<p>The maximum level of light spill from artificial lighting from any activity shall be no greater than 10 lux measured horizontally or vertically at or within the boundary of any other site or road; and the artificial lighting shall be conducted so that direct or indirect illumination does not create a nuisance to occupants of adjoining or nearby sites, provided that the following activities are exempt:</p> <p>(a) Street lights, navigation lights and traffic signals; and</p> <p>(b) Headlights of moving vehicles or vehicles which are stationary for less than five minutes; and</p> <p>(c) In the Rural Zone, lighting or glare from vehicles being used for farming activities and agricultural equipment.</p>	<p><u>Complies</u></p> <p>Any artificial lighting will be designed and positioned to comply with Rule 20.4.2.2.</p>



RULES ASSESSMENT

District Plan – Section 21 – Assessment Criteria and Information Requirements	
Performance Standard	Comment
21.1.1.1 – Assessment Criteria for ALL Discretionary Activities	
<ol style="list-style-type: none"> 1. <i>Waikato River Vision and Strategy.</i> 2. <i>Settlement pattern and reverse sensitivity.</i> 3. <i>Visual.</i> 4. <i>Amenity values.</i> 5. <i>Earthworks.</i> 6. <i>Traffic.</i> 7. <i>Noise and vibration.</i> 8. <i>Signs.</i> 9. <i>Servicing.</i> 10. <i>Additional height for buildings.</i> 11. <i>Crime prevention.</i> 12. <i>Risk Management.</i> 13. <i>Social and Heritage.</i> 14. <i>Cultural.</i> 15. <i>Construction of new buildings on a site that adjoins a Category A listed heritage item in Appendix N1, where the building(s) is within 20m of the common boundary</i> 16. <i>Regionally significant infrastructure.</i> 17. <i>Water catchment areas.</i> 	<p>Where relevant, refer to the proposal and effects assessment sections of the AEE, as well as the specialist assessments.</p>
21.1.4.34 – Mineral Extraction Activities	
<ol style="list-style-type: none"> (a) <i>The extent to which the activity will internalise and address actual and potential adverse effects.</i> (b) <i>The proposed life span of operation, the estimated volume of material to be excavated and likely staging of works.</i> (c) <i>The extent to which any rehabilitation programme will enable the land to be returned to a state suitable for use by other activities.</i> (d) <i>The proposed location and dimensions of overburden storage and deposition areas and areas for stockpiles of mineral material.</i> (e) <i>The proposed location and dimension of areas of excavation, including pits and faces.</i> (f) <i>An assessment of slope stability for proposed overburden areas and extraction site faces.</i> (g) <i>The anticipated average daily number of vehicle movements to and from the site, including the number of people proposed to be employed and the location of parking spaces on-site. Where appropriate, Council may require an Integrated Transport Assessment be prepared as part of the application.</i> 	<p>Refer to the proposal and effects assessment sections of the AEE, as well as the specialist assessments.</p>



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District Plan – Section 21 – Assessment Criteria and Information Requirements	
Performance Standard	Comment
<p>(h) <i>The extent to which high class soils from within the site shall be retained on site for use in rehabilitation.</i></p> <p>(i) <i>The extent to which off-site effects, will inhibit the use of surrounding land for the carrying out of other activities.</i></p> <p>(j) <i>The ability to protect the environment from adverse effects having regard to the technical and operational ability to manage any adverse effects.</i></p> <p>(k) <i>The extent to which landscaping proposals protect the amenity of land adjoining the mineral extraction area.</i></p> <p>(l) <i>The total heavy vehicle traffic generation from the site.</i></p> <p>(m) <i>The hours and days that heavy vehicle traffic are proposed to be entering and exiting the site.</i></p> <p>(n) <i>The location and formation of access points to avoid any dirt, mud or debris entering the road reserve, and to ensure that traffic safety matters are adequately addressed.</i></p> <p>(o) <i>Measures undertaken to ensure that material deposited to reclaim worked out 'quarry' areas is clean fill and does not include refuse.</i></p> <p>(p) <i>The methods to be used to avoid any contamination of water from any aspect of the extraction activity.</i></p> <p>(q) <i>The design and operation of any security or other lighting to ensure that it does not cause any direct light spill or disturbing glare for any occupiers of adjoining properties or users of roads.</i></p> <p>(r) <i>The form, extent and effectiveness of landscaping where the mineral extraction area is visible from an existing dwelling.</i></p> <p>(s) <i>Measures to ensure the air blast over pressure from any blasting activities from a site in any noise area, as measured within the notional boundary of any residential unit not owned or controlled by the quarry owner or operator, does not exceed 115dBA.</i></p> <p>(t) <i>Measures to restrict any blasting to between the hours of 10.00am and 4.00pm, Monday to Saturday, except where blasting is necessary because of safety reasons.</i></p> <p>(u) <i>Methods to restrict frequency of any blasting (except where necessary, for safety reasons) and measure to ensure that, where blasting is irregular and the occupiers of neighbouring sites could be alarmed, they will be advised of pending blasts, at least one hour before any such blast.</i></p> <p>(v) <i>The likely effectiveness of the proposed blast recording and monitoring methods representative of all blasts, at varying distances and various sites of different sensitivity to be carried out to ensure that blasting effects matters above are complied with.</i></p>	



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District Plan – Section 26 – Lakes and Water Bodies	
Performance Standard	Comment
<p>Rule 26.4.2.1 – 23m Setback from Lakes and Water Bodies</p> <p><i>No building, wastewater treatment system, earthworks, vegetation clearance or feed pads shall be erected or undertaken within 23m of the edge of any lake or water body as measured at its maximum annual water level, provided that this rule shall not apply to:</i></p>	
<p>(a) <i>The Karāpiro and Arapuni Hydro Power Zone.</i></p> <p>(b) <i>Maimai not exceeding 6m² in floor area; or</i></p> <p>(c) <i>Earthworks and vegetation removal associated with conservation planting of river banks and lakes; or</i></p> <p>(d) <i>St Kilda Residential Structure Plan Area; or</i></p> <p>(e) <i>Clearance of vegetation undertaken in accordance with Rule 26.4.1.1(e) or (f); or</i></p> <p>(f) <i>Harvesting of forestry over 5m from a water body.</i></p>	<p><u>Restricted Discretionary Activity</u></p> <p>As the northern extent of Stage 1 is 10-15m from the Karapiro Stream, earthworks and vegetation removal will be undertaken within 23m of the edge of the stream.</p>

Waipā District Plan Consent Summary

The project requires the following resource consents under the district plan:

- Rule 4.4.1.4(h) – Discretionary Activity Status Table – Mineral extraction activity (sand quarry) that is not within 500m of the lakes identified under subsection (h).
- Rule 16.4.2.5 – Vehicle Entrance Separation from Intersections and Other Vehicle Entrances.
- Rule 16.4.2.15 – Parking, Loading and Manoeuvring Area.
- Rule 16.4.2.23 – Car Park Landscaping and Lighting.
- Rule 26.4.2.1 – 23m Setback from Lakes and Water Bodies.

Given that the most stringent activity status shall be applied, the project is a **Discretionary Activity**.

