



## SOL QUARRIES LTD CHRISTCHURCH DISTRICT PLAN OBJECTIVES & POLICIES

Assessment against relevant Objectives and Policies of the Christchurch District Plan		
Chapter 3 – Strategic Directions		
Reference	Objective / Policy	Comment on relevance
<b>3.3.1 Objective – enabling recovery and facilitating the future enhancement of the district</b>	<ul style="list-style-type: none"> <li>a. The expedited recovery and future enhancement of Christchurch as a dynamic, prosperous and internationally competitive city, in a manner that:               <ul style="list-style-type: none"> <li>i. Meets the community’s immediate and longer term needs for housing, economic development, community facilities, infrastructure, transport, and social and cultural wellbeing; and</li> <li>ii. Fosters investment certainty; and</li> <li>iii. Sustains the important qualities and values of the natural environment.</li> </ul> </li> </ul>	<p>This objective recognises that the gravel extraction industry provides materials essential for the construction industry and for infrastructure development.</p> <p>The SOL Quarry is conveniently located to supply aggregate for the on-going related to aggregates for capital projects (central Government), civil roading (NZTA, Christchurch City Council and commercial / residential subdivision), and civil works.</p>
<b>3.3.5 Objective – business and economic prosperity</b>	<ul style="list-style-type: none"> <li>a. The critical importance of business and economic prosperity to Christchurch’s recovery and to community wellbeing and resilience is recognised and a range of opportunities provided for business activities to establish and prosper.</li> </ul>	<p>This objective recognises the importance of a strong and diverse aggregate business sector being essential to the economic success of Christchurch and contributes to the recovery post-earthquake.</p>
<b>3.3.14 Objective - incompatible activities</b>	<ul style="list-style-type: none"> <li>a. The location of activities is controlled, primarily by zoning, to minimise conflicts between incompatible activities; and</li> <li>b. Conflicts between incompatible activities are avoided where there may be significant adverse effects on the health, safety and amenity of people and communities.</li> </ul>	<p>This objective controls the location of activities through the provision of zones within the Christchurch District Plan.</p> <p>The proposed quarry extension is located in the Rural Waimakariri Zone which recognises quarrying activities as a productive land use and provides for quarrying activities as a <i>Discretionary Activity</i>.</p>
<b>3.3.16 Objective - productive and diverse rural environment</b>	<ul style="list-style-type: none"> <li>a. A range of opportunities is enabled in the rural environment, primarily for rural productive activities, and also for other activities which use the rural resource efficiently and contribute positively to the economy.</li> <li>b. The contribution of rural land to maintaining the values of the natural and cultural environment, including Ngai Tahu values, is recognised.</li> </ul>	<p>This objective recognises the need to provide for rural productive activities (that contribute to the economy) in rural areas.</p> <p>Quarry activities are recognised as a “productive land use”.</p>



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Chapter 4 Hazardous Substances and Contaminated Land		
<b>4.2.2.1 Objective – contaminated land – managing effects</b>	a. Land containing elevated levels of contaminants is managed to protect human health and the environment, which includes significant natural and Ngāi Tahu cultural values from the adverse effects of subdivision, development and use of contaminated land and natural hazards, including from site investigations, earthworks and soil disturbance, and to enable the land to be used in the future.	This objective is relevant as it relates to protecting human health and the environment from contaminated land.  This is relevant to the application as part of the site is identified on ECan’s Listed Land Use Register and will be subject to a Detailed Site Investigation and a Site Management Plan prior to quarrying this area of the Quarry.
<b>4.2.2.1.1 Policy – best practice approach</b>	a. Require any proposal to subdivide, use or develop contaminated land or potentially contaminated land to apply a best practice approach to investigate the risks, and either remediate the contamination or manage activities on contaminated land to protect people and the environment.	In accordance with Objective 4.2.2.1, a best practice approach to remediate or manage contaminated site is required by this policy.  SOL Quarries Ltd proposes adopting this approach.
<b>4.2.2.1.2 Policy - Remediation</b>	Remediation of contaminated land should not pose a more significant risk to human health or the environment than if remediation had not occurred.	The areas identified in the Preliminary Site Investigation will be subject to a Detailed Site Investigation and a Site Management Plan prior to quarrying this area of the Quarry.
Chapter 6 General Rules and Procedures		
<b>6.1.2.1 Objective – adverse noise effects</b>	a. Adverse noise effects on the amenity values and health of people and communities are managed to levels consistent with the anticipated outcomes for the receiving environment.	This objective recognises the effects excess noise can have on the amenity values and health of people. This objective is relevant to the proposal as, despite the perception, the quarrying activities will <b>not</b> exceed the permitted activity standards at the nominal boundary of any adjacent property.
<b>6.1.2.1.2 Policy - Noise during night hours</b>	Achieve lower noise levels during night hours to protect sleep, and the amenity values of residential and other sensitive environments, so far as is practicable.	This objective is not relevant as the quarry will not operate at night.



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<b>6.1.2.1.1 Policy –managing noise effects</b>	<p>a. Manage adverse noise effects by:</p> <ul style="list-style-type: none"><li>i. limitations on the sound level, location and duration of noisy activities;</li><li>ii. requiring sound insulation for sensitive activities or limiting their location relative to activities with elevated noise levels.</li></ul>	<p>This policy seeks to manage potential adverse noise effects by limiting the location and duration of noisy activities.</p> <p>The proposed SOL Quarry operations are appropriated located to mitigate noise associated with the activities. The duration is also limited (7:00am – 18:00pm Monday to Friday and 7:00am to 12:00pm Saturday).</p>
<b>6.6.2.1 Objective - Protection of water bodies and their margins from inappropriate use and development</b>	<p>a. Activities and development in water body margins are managed in a way that protects and/or enhances the following values and functions of the water body and its margins: flood management; water quality; riparian or aquatic ecosystems; the natural character and amenity values of the water body; historic heritage or cultural values; and access where appropriate for recreation activities, customary practices including mahinga kai, or maintenance.</p>	<p>It is relevant to consider this objective as the Paparua Stockwater Race will be realigned as part of the quarry enabling works.</p> <p>It is proposed that there will be a 3m accessway as well as a large shelter belt located between the stockwater race and closest part of the quarry face.</p> <p>The ecological assessment undertaken of the Paparua Stockwater Race concluded that the water race has low ecological value.</p> <p>The quarry extension is consistent with this Objective.</p>
<b>6.6.2.1.2 Policy - Setbacks from water bodies</b>	<p>a. Manage adverse effects of activities on water bodies and their margins within water body setbacks in a manner that is consistent with the classification of the water body.</p>	<p>It is relevant to consider this policy because the stockwater race is defined as a network waterway in the Christchurch District Plan. A bund is proposed within 5m of the relocated stockwater race.</p>



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<p><b>6.6.2.1.3 Policy - Management of activities in water body setbacks</b></p>	<p>a. Where buildings, earthworks, other structures, impervious surfaces, or maintenance and enhancement works are undertaken within a water body setback, manage the activity so that:</p> <ul style="list-style-type: none"><li>i. any identified cultural significance of the water body to tangata whenua is appropriately recognised and provided for, including provision for customary access and use where applicable;</li><li>ii. water quality, biodiversity, and mahinga kai values are maintained or enhanced;</li><li>iii. connectivity between land, natural freshwater systems and the coast are retained or enhanced;</li><li>iv. the stability of water body banks and adjacent land is maintained and sedimentation and erosion minimised;</li><li>v. access for maintenance is enabled;</li><li>vi. the ability of water body margins, channels or ponding areas to store and/or convey surface water safely and efficiently is not impeded;</li><li>vii. flood events are not exacerbated;</li><li>viii. adverse effects of flooding or erosion are not transferred to another site;</li><li>ix. amenity values and natural character values, including riparian planting, are retained or enhanced;</li><li>x. activities do not, to more than a minor extent, disturb or visually detract from:<ul style="list-style-type: none"><li>A. Sites of Ecological Significance listed in Schedule A of Appendix 9.1.6.1;</li><li>B. Outstanding Natural Landscapes identified in Appendix 9.2.9.2.2;</li><li>C. Outstanding Natural Features identified in Appendix 9.2.9.2.1;</li><li>D. Significant Features identified in Appendix 9.2.9.2.3;</li><li>E. Rural Amenity Landscapes identified in Appendix 9.2.9.2.4;</li><li>F. Areas of Outstanding, or High and Very High, Natural Character in the Coastal Environment identified in Appendices 9.2.9.2.7 and 9.2.9.2.8;</li><li>G. Heritage items or heritage settings listed in Appendix 9.3.7.2;</li><li>H. Significant Trees listed in Appendix 9.4.7.1;</li><li>I. Wāhi Tapu/Wāhi Taonga sites of Ngāi Tahu Cultural Significance identified in Schedule 9.5.6.1 and, in the case of earthworks, Kaitōrete Spit (ID 64) identified in Schedule 9.5.6.2;</li><li>J. Ngā Wai sites of Ngāi Tahu Cultural Significance identified in Schedule 9.5.6.4;</li></ul></li><li>xi. provision is made for public access appropriate to the classification and location of the water body and having regard to:</li></ul>	<p>There will be no works undertaken within the waterbody setback of the Paparua Water Race. The proposed realignment will not result in any adverse effects on the waterbody but will result in improvements to water quality and general enhancement due to the proposed conditions of consent.</p> <p>There will be no adverse effects in terms of flooding or erosion, amenity values or any of the items listed in this policy. As such the proposal is consistent with Policy 6.6.2.1.3.</p>
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	<ul style="list-style-type: none"><li>A. the relationship of tangata whenua with their ancestral lands, water and sites;</li><li>B. protection of Sites of Ecological Significance listed in Schedule A of Appendix 9.1.6.1;</li><li>C. residential amenity;</li><li>D. Outstanding Natural Landscapes identified in Appendix 9.2.9.2.2;</li><li>E. Outstanding Natural Features identified in Appendix 9.2.9.2.1</li><li>F. bank and land stability;</li><li>G. public safety;</li><li>H. the operational or security requirements of infrastructure;</li><li>I. property ownership and the safe and efficient operation of rural and industrial sites.</li></ul>	
<b>6.7.2.1 Objective - Safe and efficient aircraft operation</b>	a. Aircraft are able to safely and efficiently approach, land, take-off and depart from airports, airfields or helipads.	This objective ensures the ongoing safe operation of Christchurch International Airport. The proposed quarry extension will not impact the safe operation of the airport and is consistent with this objective.
<b>6.7.2.1.2 Policy - Avoidance or mitigation of navigational or operational impediments</b>	a. Avoid or mitigate the potential effects of activities that could interfere with the safe navigation and control of aircraft, including activities that could interfere with visibility or increase the possibility of birdstrike.	This policy ensures the ongoing safe operation of navigation equipment associated with Christchurch International Airport and is relevant due to the proximity of the application site to the airport.



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#### Chapter 7 Transport

<p><b>7.2.1.2 Policy - High trip generating activities</b></p>	<p>a. Manage the adverse effects of high trip generating activities, except for permitted activities within the Central City, on the transport system by assessing their location and design with regard to the extent that they:</p> <ul style="list-style-type: none"> <li>i. are permitted by the zone in which they are located;</li> <li>ii. are located in urban areas and generate additional vehicle trips beyond what is already established or consented, unless the already established or consented vehicle trips are specifically included in rule thresholds;</li> <li>iii. are accessible by a range of transport modes and encourage public and active transport use;</li> <li>iv. do not compromise the safe, efficient and effective use of the transport system;</li> <li>v. provide patterns of development that optimise use of the existing transport system;</li> <li>vi. maximise positive transport effects;</li> <li>vii. avoid significant adverse transport effects of activities where they are not permitted by the zone in which they are located;</li> <li>viii. mitigate other adverse transport effects, such as effects on communities, and the amenity values of the surrounding environment, including through travel demand management measures;</li> <li>ix. provide for the transport needs of people whose mobility is restricted; and</li> <li>x. integrate and coordinate with the transport system, including proposed transport infrastructure and service improvements.</li> </ul>	<p>It is relevant to consider this policy as any activity that generates greater than 250 heavy vehicles per day is to be assessed as a high trip generator. The proposal includes 300 heavy vehicles per day.</p> <p>A number of measures are included in the proposal such as limiting speed and hours of operation as well as prohibiting left turns out of the quarry. The mitigating measures ensure the proposal is consistent with this policy.</p>
<p><b>7.2.2 Objective – adverse effects from the transport system</b></p>	<p>a. Enable Christchurch District's transport system to provide for the transportation needs of people and freight whilst managing adverse effects from the transport system.</p>	<p>This objective provides for an effective transport system that enables the transport of freight throughout the region.</p> <p>The location of the Quarry, proximate to Christchurch and the demand for aggregate, results in a decrease in transport costs and adverse environmental effects, relative to the supply of aggregates from quarry of river sites outside the Christchurch City area.</p>

#### Chapter 8 Subdivision, Development and Earthworks



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<b>8.2.4.1 Policy - Water quality</b>	a. Ensure earthworks do not result in erosion, inundation or siltation, and do not have an adverse effect on surface water or groundwater quality.	<p>The purpose of this policy is to protect surface and groundwater from adverse water quality effects related earthworks.</p> <p>This policy is relevant to this application as small-scale earthworks will be required to realign the Paparoa Stockwater Race. The application document outlines how this process will be undertaken. The realignment will not result in any adverse effects on surface water or groundwater quality and is therefore consistent with this policy.</p> <p>A suitable setback will be maintained between the quarry and the Paparoa Stockwater Race so as to not cause inundation or siltation. The proposal is consistent with this policy.</p>
<b>8.2.4.3 Policy - Benefits of earthworks</b>	a. Recognise that earthworks are necessary for subdivision, use and development, the provision of utilities, hazard mitigation and the recovery of the district.	<p>This policy recognises that earthworks are a necessary part of development and that they can have a net positive benefit to the community if the effects are appropriately managed. The earthworks associated with the stockwater realignment will be mitigated appropriately and will lead to an improved aquatic environment. The proposal is therefore consistent with this policy.</p>
<b>8.2.4.4 Policy - Amenity</b>	a. Ensure, once completed, earthworks do not result in any significant shading, visual impact, loss of privacy or other significant detraction from the amenity values enjoyed by those living or working in the locality.	<p>This policy ensures no long-term adverse effects result from earthworks. The proposed earthworks will not result in shading, visual or loss of privacy impacts and is consistent with this policy.</p>

Chapter 9 Natural and Cultural Heritage



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<b>9.2.2.2.5 Policy - Recognising and maintaining the qualities of rural amenity landscapes</b>	<p>a. Recognise the qualities of the identified rural amenity landscapes described in Appendix 9.2.9.1.4 and maintain them by:</p> <ul style="list-style-type: none"><li>i. avoiding use and development that breaks the skyline, including the crater rim, ridgelines on Banks Peninsula and radial spurs of the Port Hills;</li><li>ii. avoiding visually prominent development;</li><li>iii. ensuring subdivision, use and development does not result in over domestication of the landscape;</li><li>iv. requiring development to be separated from identified important ridgelines on Banks Peninsula, taking into account visual separation and horizontal and vertical separation; and</li><li>v. enabling farming, conservation activities and recreation activities which contribute to rural landscape character of Banks Peninsula.</li></ul>	<p>This policy recognises the need to protect rural amenity landscape values from inappropriate use. The proposal will not break the skyline and is not visually prominent as the majority of works will be undertaken below natural ground level. The proposal will not impact the ability for farming, conservation and recreational activities to be undertaken in the surrounding area. The proposal is consistent with Policy 9.2.2.2.5.</p>
<b>9.2.2.2.9 Policy - Cumulative effects on natural character</b>	<p>a. Assessments of effects on the natural character of the coastal environment, wetlands, and lakes and rivers and their margins shall include an assessment of the cumulative effects of:</p> <ul style="list-style-type: none"><li>i. allowing more of the same activity;</li><li>ii. allowing more of a particular effect, whether from the same activities or from other activities causing the same or similar effect; and</li><li>iii. all activities in the coastal or freshwater environment at the site.</li></ul>	<p>This policy recognises the cumulative effects that can result from allowing more of a particular activity or effect from similar activities. The proposal is consistent with this policy.</p>
<b>Chapter 11 Utilities and Energy</b>		
<b>11.2.2.2 Policy - Adverse effects on utilities</b>	<p>a. Avoid adverse effects on utilities, including reverse sensitivity effects, that may compromise their operation, maintenance, upgrade and development.</p> <p>b. Avoid adverse effects, including reverse sensitivity effects, on the National Grid and the identified 66kV and 33kV electricity distribution lines and the Heathcote to Lyttelton 11kV electricity distribution line, through the management of activities within an identified buffer corridor.</p>	<p>Policy 11.2.2.2 requires that any activities that may adversely affect utilities are avoided. There is an existing electricity transmission tower on an adjacent property within 20 m of the application site. The applicant has obtained written approval from Transpower and consent conditions will ensure that there will be no adverse effects on transmission tower. The proposed quarry extension is consistent with this policy.</p>
<b>Chapter 17 Rural</b>		





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<b>17.2.1.1 Objective – the rural environment</b>	<p>a. Subdivision, use and development of rural land that:</p> <ul style="list-style-type: none"><li>i. support, maintains and, where appropriate, enhances the function, character and amenity values of the rural environment and, in particular, the potential contribution of rural productive activities to the economy and wellbeing of the Christchurch District.</li><li>ii. avoids significant, and remedies or mitigates other reverse sensitivity effects on rural productive activities and natural hazard mitigation works;</li><li>iii. maintains a contract to the urban environment; and</li><li>iv. maintains and enhances the distinctive character and amenity values of Banks Peninsula and the Port Hills, including indigenous biodiversity, Ngai Tahu cultural values, open space, natural features and landscapes, and coastal environment values.</li></ul>	<p>This objective supports the use of rural productive land for activities that contribute to the economy and wellbeing of the Christchurch District.</p> <p>Quarrying is defined as a “productive land use” in the Christchurch District Plan.</p> <p>The proposed Quarry extension includes mitigation measures designed to ensure maintenance of the function, character and amenity values of the rural environment, and avoids ‘reverse sensitivity’ issues.</p>
<b>17.2.2.1 Policy – Range of activities on rural land</b>	<p>a. Provide for the economic development potential of rural land by enabling a range of activities that:</p> <ul style="list-style-type: none"><li>i. have a direct relationship with, or are dependent on, the rural resources, rural productive activity or sea-based aquaculture;</li><li>ii. have a functional, technical or operational necessity for a rural location; or</li><li>iii. recognise the historic and contemporary relationship of Ngai Tahu with land and water resources; and</li><li>iv. represent an efficient use of natural resources.</li></ul>	<p>This policy provides for rural based productive activities that represent an efficient use of natural resources, including quarrying.</p>
<b>17.2.2.2 Policy – Effects of activities utilising the rural resource</b>	<p>a. Ensure that activities utilising the rural resource avoid significant adverse effects on areas of important natural resources and avoid, remedy or mitigate other adverse effects on rural character and amenity values.</p>	<p>This policy requires that rural based productive activities avoid adverse effects on rural character and amenity values.</p>



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<p><b>17.2.2.3 Policy – Contributing elements to rural character and amenity values</b></p>	<ul style="list-style-type: none"> <li>a. Recognise that rural character and amenity values vary across the Christchurch District resulting from the combination of natural and physical resources present, including the location and extent of established and permitted activities.</li> <li>b. Recognise that the elements that characterise an area as rural, from which desired amenity is derived, include the predominance of:               <ul style="list-style-type: none"> <li>i. a landscape dominated by openness and vegetation;</li> <li>ii. significant visual separation between residential buildings on neighbouring properties;</li> <li>iii. where appropriate, buildings integrated into a predominantly natural setting; and</li> <li>iv. natural character elements of waterways, water bodies, indigenous vegetation and natural landforms, including the coastal environment where relevant.</li> </ul> </li> <li>c. Recognise that rural productive activities in rural areas can produce noise, odour, dust and traffic consistent with a rural working environment, including farming, plantation forestry and Quarrying activities, that may be noticeable to residents and visitors in rural areas.</li> </ul>	<p>This policy recognises that rural productive activities, including quarrying, produce odour, noise, dust and traffic that may be noticeable to residents in the surrounding rural area.</p> <p>However, the expert evidence is that the proposed Quarry extension includes mitigation measures, ensuring that the adverse effects are <b>less than minor</b>.</p>
<p><b>17.2.2.4 Policy –Function of rural areas</b></p>	<ul style="list-style-type: none"> <li>a. Ensure the nature, scale and intensity of subdivision, use and development recognise the different natural and physical resources, character and amenity values, conservation values and Ngāi Tahu values of rural land in the Christchurch District, including:               <ul style="list-style-type: none"> <li>i. the rural productive activities, recreation activities, rural tourism activities and conservation activities on Banks Peninsula and their integrated management with maintaining and enhancing landscape, coastal and indigenous biodiversity values;</li> <li>ii. the rural productive activities and recreation activities in the rural flat land area surrounding the main Christchurch urban area;</li> <li>iii. the flood management and groundwater recharge functions adjoining the Waimakariri River;</li> <li>iv. the open character and natural appearance of the rural Port Hills which maintain distinct urban/rural boundaries</li> <li>v. the re-use of the site of the former Templeton Hospital;</li> <li>vi. the historic and contemporary cultural landscapes, sites of Ngāi Tahu cultural significance and the use of land and water resources for mahinga kai; and</li> <li>vii. the conservation activities undertaken within the Peacock Springs Conservation Area.</li> </ul> </li> </ul>	<p>Policy 17.2.2.4 recognises that rural productive activities will locate in the rural flat land surrounding the Christchurch urban areas. The policy states that the nature, scale and intensity of use recognises the character and amenity values of the areas.</p> <p>The significant mitigation measures proposed with the quarry extension will ensure that the proposal is consistent with the character and amenity values of the surrounding area. It is therefore consistent with this policy.</p>



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<b>17.2.2.5 Policy – Establishment of industrial and commercial activities</b>	<ul style="list-style-type: none"><li>a. Avoid the establishment of industrial and commercial activities that are not dependent on or directly related to the rural resource unless they:<ul style="list-style-type: none"><li>i. Have a strategic or operational need to locate on rural land; or</li><li>ii. Provide significant benefits through utilisation of existing physical infrastructure; and</li><li>iii. Avoid significant, and remedy or mitigate other, reverse sensitivity effects on rural productive activities;</li><li>iv. Will not result in a proliferation of associated activities that area not reliant on the rural resource; and</li></ul></li><li>a. Will not have significant adverse effects on rural character and amenity values of the local environment or will not cause adverse effects that cannot be avoided, remedied or mitigated.</li></ul>	<p>The quarry gravel resource, comprising historical Waimakariri River gravels, necessitates locating the proposed SOL Quarry extension in the rural Christchurch area, specifically in an area containing a seam for Waimakariri River gravels.</p> <p>The proposal is directly related to the rural resource and therefore would be consistent with Policy 17.2.2.4.</p>
<b>17.2.2.12 Policy – Location and management of Quarrying activity and aggregates-processing activity</b>	<ul style="list-style-type: none"><li>a. Enable access to, and processing of, locally sourced aggregate resources to provide for the recovery, development, ongoing maintenance and growth needs of the district by:<ul style="list-style-type: none"><li>i. Providing for the continuation of Quarrying activity in the Rural Quarry Zone; and</li><li>ii. Providing for the new Quarrying activity in rural zones other that the Rural Quarry Zone only where the activity:<ul style="list-style-type: none"><li>A. Avoids areas of outstanding or significant landscape, ecological, cultural or historic heritage value;</li><li>B. Avoids or mitigates effects on activities sensitive to Quarrying activities, including residential activities and education activities;</li><li>C. Internalises adverse environmental effects as far as practicable using industry best practice and management plans, including monitoring and self-reporting;</li><li>D. Manages noise, vibration, access and lighting to maintain local rural amenity values;</li><li>E. Avoids or mitigates any effects on surface water bodies and their margins; and</li><li>F. Ensures the siting and scale of buildings and visual screening maintains local rural amenity values and character.</li></ul></li></ul></li></ul>	<p>It is relevant to consider this objective as it enables access to local appropriately zoned sites for gravel extraction subject to measures to ensure the effects are appropriately managed.</p>



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<b>17.2.2.13 Policy – Quarry Site rehabilitation</b>	<ul style="list-style-type: none"><li>a. Ensure Sites of Quarrying activities, and Sites of aggregates-processing activities, are rehabilitated to enable subsequent use of the land for another permitted or consented activity; and</li><li>b. Require proposals for new Quarrying activities, aggregates-processing activities and changes of use on existing Quarrying Sites to demonstrate through a Quarry Site rehabilitation plan the objectives, methodology and timescales for achieving Site rehabilitation and appropriate end use; and</li><li>c. Ensure the final rehabilitated landform is appropriate having particular regard to:<ul style="list-style-type: none"><li>i. The intended end use;</li><li>ii. The location, gradient and depth of excavation;</li><li>iii. The availability of cleanfill material, including topsoil, and consequent timeframes for rehabilitation;</li><li>iv. The surrounding landform and drainage patterns;</li><li>v. The ability to establish complete vegetation cover;</li><li>vi. The outcomes of any consultation undertaken with mana whenua; and</li><li>vii. Any adverse effects associated with rehabilitation.</li></ul></li></ul>	<p>This policy seeks to ensure quarry sites are rehabilitated.</p> <p>The proposal relating to the SOL Quarry extension includes the preparation and implementation of a Quarry Rehabilitation Plan.</p>
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