

APPLICATION FOR RESOURCE CONSENT

Office Use Only



GRAVEL EXTRACTION

Location

Please provide details / a detailed map of where the activity will occur.

You must supply a location map or diagram on a separate sheet of paper that shows the site of your activity and its local environment. A useful addition to this application would be recent site photographs.

This helps us determine what or who may be affected by your proposal. Please show:

- orientation (North arrow and scale)
- site location
- the location and name of the nearest road or state highway
- location/s of the activities for which you are applying for consent (such as points of water take, points of discharges to air or water, gravel extraction area)
- property boundaries and neighbouring properties (as well as neighbouring property owners' names)
- if applicable, a Certificate of Title
- location and names of any nearby natural features such as geothermal activity, waterways, wetlands or wildlife habitats
- historic or waahi tapu sites
- area(s) where processing will occur
- access roads or tracks
- stream/channel crossing points
- structures, eg culverts, bridges, stopbanks

Note: West Coast Regional Council can help you create a base map to assist with your location plan. Please call us on (03) 768 0466 or 0508 800 118 during office hours for assistance, or call in to our office at 388 Main South Road, Paroa, Greymouth.

Is this consent application seeking to replace an existing one?

Yes No

If yes, please ensure you complete the section "Value of Consent Holder Investment" on Form 1: Administration.

If yes, what is the current consent number?

What has been the total volume extracted to date?

 Cubic Metres

What quantity of gravel do you wish to extract per year?

 Cubic Metres

Will you be extracting in the water below the water level?

Yes No

If yes, describe how often:

What is the proposed timing of the work:

Hours of work:

 am/pm to am/pm

Days worked per week:

Estimated number of days to complete the proposed work:

Time of year extraction will occur:

to

Channel Crossings

Will you need to cross any watercourses/ stream channels to access gravel?

Yes

No

If yes, describe here and ensure crossing point/s are shown on the Site Plan

Gravel Extraction Processing

Do you intend to carry out onsite processing/screening?

Yes

No

If yes:

What machinery will you use?

How will you process the gravel extracted?

How often and for how long will processing occur?

How will you dispose of crush fines?

Where was the previous place you last used your gravel extraction machinery?

Will your machinery have been steam cleaned prior to moving onsite?

Yes No

If no, explain how you will ensure no weeds are moved to the proposed site?

Note: You may need other consents to take water and/or discharge sediment-laden water if gravel washing onsite is proposed.

Stockpiling

Do you intend to maintain a stockpile on the riverbed / adjacent land?

Yes No

Mode of Work

Give a description of how you intend to work including:

- types and amount of machinery
- how far you will be from the edge of the river bank
- starting/finishing points of the extraction area relative to the river/ other key landmarks

Sample phrases are: *“start 1.5m from water’s edge and move towards banks”, “commencing at western most point of site and working east”, “backfilling/contouring/ rehabilitation methods,” “method use to dispose of reject material/fines will be.....”*

Assessment of Environmental Effects

Gravel extraction operations have the potential to cause significant environmental effects. As an applicant you need to identify all the possible effects your proposed operation could have and then show how you can avoid causing them or how you can mitigate them (i.e. reduce the effects to a level the council will approve of).

Identification of Environmental Effects

Read the list below and tick the boxes relevant to this application. *Think who/what/where/when/why.*

Does your proposal have the potential to cause?

Any stripping/disturbance of vegetation and/or soil?

Yes No

If no, explain why not.

Erosion of stream banks or lakesides?

Yes No

If no, explain why not.

Sedimentation of stream water?

Yes No

If no, explain why not.

Reduction in stream floodway capacity?

Yes No

If no, explain why not.

Reduction of downstream water quality?

Yes No

If no, explain why not.

Disturbance of any nesting birds either nearby or downstream?

Yes No

If no, explain why not.

Unacceptable noise to nearby residents, stock animals, nesting birds?

Yes No

If no, explain why not.

Closure of public access to rivers/beaches, e.g. for recreational activities?

Yes No

If no, explain why not.

Reduction in the public amenity value of a well used local recreational area?

Yes No

If no, explain why not.

Any adverse effects on an area valued by iwi/hapu for food gathering or other cultural activities?

Yes No

If no, explain why not.

Any adverse effects on a known significant site (i.e. archaeological, historical, heritage, geopreservation, Maori or other special site)?

Yes No

If no, explain why not.

Introduction of unwanted waterborne organisms, e.g. didymo, oxygen weeds?

Yes No

If no, explain why not.

Effects other than those listed above? *(give a short explanation)*

Avoidance - Mitigation Methods

List below the items you ticked **Yes** to in the previous question *(one item per set of lines)*. These are the environmental effects you have identified which your proposed operation has the potential to cause.

Briefly describe against each of the items you have identified, the method/s you will use to avoid causing those effects OR to mitigate them. Refer back to other parts of this application form as relevant. Attach extra sheets if necessary at the end of this application form.

Refuelling/Vehicle - Machinery Maintenance

Where will machinery involved in the operation be refuelled or/maintained/repaired?

What measures are proposed to prevent fuel spills?

Do you have an emergency oil/fuel spill kit?

Yes No

If no, explain what you would do if you have an oil/fuel spill.

Consideration of Alternative Sites

Did you consider using alternatives sites to those applied for?

Yes No

If yes, please indicate why you have chosen the site/s specified on this application over others?

Monitoring

What systems will you be using to record the amount of gravel removed from the site?

Who will be responsible for supervising the gravel extraction operation?

Completion of Gravel Extraction

Outline how you will leave the site at the completion of the gravel extraction period such that there will be no ongoing adverse effects environmentally. Describe any proposed landscaping or rehabilitation work.

Consultation

Wet bed extraction has the capacity to have effects outside your property, particularly downstream. Therefore it is prudent to get approval for your proposal from those potentially affected by it. The approval needs to be in writing and attached to this application. Keeping copies of approval letters is recommended.

Please ensure you have completed the Consultation Section of Form 1: Administration.

Important information – please read carefully

If your application is for wet bed extraction, written approval from all parties potentially affected by your proposal must be attached to this application.

Obtaining permission for access to the extraction site is the applicant's responsibility: granting of this consent does not confer right of access.

Land use consents to extract gravel from riverbeds confer no rights to exclusively occupy any land either on or outside of the riverbed, nor ownership of the gravel.

The applicant is to be aware that neighbours might be affected by noise or dust from the gravel extraction and screening work. Please consult your local District Council about noise limits and related time restrictions. The granting of a consent does not allow for any objectionable levels of noise or dust to travel beyond the site.

You should be aware that for some rivers you may also require a Department of Conservation Concession.

More information

For more information on the application process or resource consents, visit our website at www.wcrc.govt.nz or phone the Consents team on (03) 768 0466 or 0508 800 118.



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OBJECTIVES, POLICIES AND RULES THAT MAY BE RELEVANT TO GRAVEL EXTRACTION

This may not be a complete list, please consult with a Council Consents Officer if you require further information.

REGIONAL LAND AND WATER PLAN

Objective

5.2.1 To avoid, remedy, or mitigate the adverse effects of lake and riverbed activities on:

- (a) The stability of beds, banks, and structures;**
- (b) The flood carrying capacity of rivers;**
- (c) The natural character of wetlands, lakes and rivers and their margins;**
- (d) Indigenous biodiversity and ecological values, including fish passage;**
- (e) Amenity, heritage, and cultural values;**
- (f) Sports fish habitat values;**
- (g) Water quality;**
- (h) Navigation; and**
- (i) Regionally significant infrastructure.**

Explanation

The construction, maintenance, alteration, or removal of in stream structures and bed disturbance activities can cause adverse effects on the West Coast environment, existing infrastructure, and other lawful uses. The Objective seeks to ensure that the provisions within this Plan minimise the likelihood of significant impacts while meeting the requirements of Section 5 of the RMA, which stipulates that natural and physical resources be sustainably managed and the requirements of Section 6 which require matters of national importance to be recognised and provided for.

Policies

5.3.2 To manage bed disturbance, reclamation, deposition and the use, erection, extension, reconstruction, maintenance, alteration, demolition, or removal of structures in, on, under, or over the bed of any lake or river, so that the activity does not cause or contribute to significant adverse effects on:

- (a) The stability of beds and banks;**
- (b) The capacity of rivers to carry flood flow;**
- (c) Heritage, amenity or cultural values;**
- (d) Water quality;**
- (e) Existing structures or existing uses;**
- (f) Navigational safety;**
- (g) Aquatic ecosystem values (including habitat values and fish passage);**
- (h) The natural character of the coastal environment, wetlands, rivers and lakes and their margins;**
- (i) Significant indigenous vegetation and significant habitats of indigenous fauna.**

Explanation

This Policy recognises the need for controls by way of regional rules to ensure that stability of riverbeds and banks is safeguarded, the capability of rivers to carry water is not impeded when in flood, and that other adverse effects are addressed appropriately.

5.3.4 In addition to the requirements of Policy 5.3.2, when considering an application to excavate gravel from a river or lake bed, to consider:

- (a) The sustainable yield of the lake or river system;**
- (b) Adverse effects on bed levels and channel location;**
- (c) Potential spread of pest plants.**

Explanation

Removing material from riverbeds has the potential to impact on Policy 5.3.2 matters plus (a) to (c) above. However, the significance of this impact will depend on numerous activity and site specific elements. Excessive build up of gravel due to natural processes may contribute to flooding or impacts on infrastructure (e.g. bridges and culverts) that may be mitigated by removal of those materials. Gravel removal from islands can have the benefit of reducing flow against riverbanks, thereby reducing the likelihood of erosion. Adverse effects of extraction activities can include dust and the spread of pest plants. It may be possible to prevent the spread of particular pest plants by not transporting material between some catchments and by high pressure cleaning of trucks and machinery between jobs.

5.3.5 To recognise the National Water Conservation (Grey River) Order 1991 and the National Water Conservation (Buller River) Order 2001.

Explanation

The management of the waters protected under national water conservation orders must be provided for under this Plan. The two water conservation orders are reproduced in Schedule 5 and 6 of this Plan.

Rule 26 Alteration of the bed associated with structures, or the clearance of debris or gravel

The disturbance of the bed or the reclamation or deposition of material on the bed of any lake or river associated with:

- (i) The erection, placement, extension, alteration, replacement, reconstruction, repair, maintenance, demolition or removal of any structure carried out under Rules 20 to 25; or
- (ii) The clearance of debris or gravel from within, or immediately surrounding, any structure in order to safeguard the function or structural integrity of the structure

is a **permitted activity**, provided the following conditions are met:

- (a) The bed disturbance is limited to the extent necessary to undertake the work; and
- (b) The bed disturbance does not damage any riverbank or cause any flooding or erosion; and
- (c) All reasonable steps are taken to minimise the release of sediment to the lake or river during the disturbance; and
- (d) In the case of any reclamation or deposition, only cleanfill is used and no pest plant is introduced; and
- (e) No refuelling of equipment takes place on any area of a river or lake bed; and
- (f) The site is left tidy following completion of the activity; and
- (g) Where the activity is undertaken in any wetland identified in Schedule 1 or 2:
 - i) Any disturbance, including deposition or reclamation, does not exceed:
 - 1) 0.6m in width per 1m in length for placement of any pipe, line or cable authorised under Rule 20, 21, or 22; or
 - 2) For any culvert, authorised under Rule 23, where the bed is no more than 2.5 metres wide at the point of crossing, any disturbance does not exceed 25m²; for any culvert where the bed is between 2.5 to 5 metres wide at the point of crossing, any disturbance does not exceed 50m²; or
 - 3) For any ford authorised under Rule 23, any disturbance does not exceed 25m²; or
 - 4) 50m² for bridges authorised under Rule 23; or; or
 - 5) 10m² for any device or structure authorised under Rule 25; or
 - 6) 25m² in all other cases; and
 - ii) Vehicles and equipment are cleaned prior to entering the Schedule 1 or 2 wetland to avoid the introduction of pest plants; and
 - iii) Any native vegetated surfaces disturbed are revegetated following completion of the activity with similar native species where they do not disrupt or interfere with the function of the structure; and
 - iv) The site is left tidy following completion of the activity including the removal of any weeds; and
 - v) There is no change to the natural flow, path or fluctuation in water level; and
 - vi) There is no disturbance to inanga (whitebait) and other native fish spawning habitat at any site listed in Schedule 11 during the months of December to May inclusive except after a sudden event that requires immediate remedial measures to prevent an adverse effect on the environment, or that is likely to cause loss of life, injury or serious damage to property; and
 - vii) No bird nests are disturbed; and
 - viii) Council is to be notified seven days prior to commencing any bed disturbance, including deposition or reclamation associated with any placement erection or reconstruction referred to in Rule 26(g)(i).

Rule 29. Gravel extraction

Gravel extraction from the bed of a river is a **permitted activity** provided the following conditions are met:

Either:

- (i) The gravel is extracted from the bed for use in reasonable domestic or agricultural purposes on a landholding adjacent to the extraction site, and the quantity does not exceed 1000 cubic metres in any 12 month period from rivers listed under Schedule A or 500 cubic metres in any 12 month period from rivers listed in Schedule B; or
- (ii) The gravel is extracted from one of the sites listed in Schedule 12 and the quantity extracted from each site does not exceed 300 cubic metres per person in any 12 month period; or
- (iii) If Rule 29 (i) or (ii) do not apply, the quantity extracted per person from any river does not exceed 10 cubic metres per month.

And:

- (a) Persons wishing to remove gravel must notify the Regional Council in writing of the location, size and timing of the take prior to the take occurring; and
- (b) No refuelling of equipment, or fuel storage, is to occur on any area of a riverbed; and
- (c) Extraction takes place:

- i) Only on the dry bed of the river and;
- ii) At least 5 metres from any river bank; and
- iii) No deeper than the level of water in the river and;
- (d) Activities do not result in diversion of floodwater, or erosion of any banks, or damage to or scouring of structures and no pest plant is introduced; and
- (e) The area from which the material is taken is smoothed over and the site is left tidy on completion of the work; and
- (f) The activity is not undertaken within 50 metres upstream or downstream of any structure including whitebait stands, culverts, bridges and structures used for flood and river protection; and
- (g) No more than 1m³ per person per year may be taken within 50 metres of the Coastal Marine Area; and
- (h) Vehicle and machinery movement in the wet bed of the river shall be avoided where possible and minimised where not able to be avoided; and
- (i) Vehicles and equipment must be appropriately cleaned before moving between waterways; and
- (j) The activity does not occur within a wetland identified in Schedule 1 or 2.

SCHEDULE A (1000m ³)	SCHEDULE B (500 m ³)
Arawhata River	Waiatoto River
Turnbull River	Havelock Creek
Okuru River	Ohinetamatea River (Saltwater)
Haast River	Clearwater River
Waita River above SH 6 Bridge	Docherty Creek (Franz Josef)
Boulder Creek, near Moeraki	Little Man River (above SH6)
Paringa River	Mikonui River
Bullock Creek, near Karangarua	Donnelly Creek (Ross)
Karangarua River	Kawhaka Creek
Cook River below SH 6	New River
Fox River, South Westland, below SH 6	Slaty Creek, Rotomanu (above Station Road)
Waiho River between SH 6 Bridge and the line from the oxidation ponds to the end of refuse tip road	Blackball Creek
Waitangitaona River (reach draining into L Wahapo)	Craigieburn Creek
Whataroa River	Canoe Creek (Barrytown)
Poerua River (South Westland)	Inangahua River, below Reefton rail bridge
Harold Creek (Hari Hari)	Devil's Creek (Reefton)
Wanganui River	Mokihinui River, below bridge
Waitaha River	Little Wanganui River
Kakapotahi River	Tidal Creek, Karamea
Totara River (Ross)	Oparara River, below limeworks
Hokitika River above 1km upstream of SH 6 bridge	
Kokatahi River	
Vine Creek (Kowhitirangi)	
Taramakau River (see note) above 1 km upstream of SH 6 Bridge	
Crooked River downstream of NZTopo BU20 834 798	
Haupiri River	
Nelson Creek	
Ahaura River, below Nancy River confluence	
Grey River, between the Arnold River confluence and the Waipuna Creek confluence	
Big River (Atarau)	
Rough River	
Mawheraiti River, below Cassoli Creek	
Buller River, below Te Kuha	
Granite Creek, Kongahu	
Karamea River	
Moonlight Creek, 1km either side of Atarau Road Bridge	

Notes:
Under Conditions 2 and 3 the meaning of "person" includes The Crown, a corporation sole, and also a body of persons, whether corporate or unincorporate. This means that a corporation comprised of a group of people or a number of employees is one person. The same applies to an unincorporated group or a family. Individuals who operate together with others, as an incorporated or unincorporated body cannot collectively extract more gravel than what is permitted under this rule.

Condition (i) is intended to require vehicles to be cleaned so that they do not spread pest organisms. In particular, to avoid the spread of Didymo, no equipment should be used that has been used previously to undertake activities in any water body known to contain Didymo, unless that equipment has been thoroughly cleaned in accordance with the Biosecurity New Zealand document titled "Cleaning Methods for Freshwater Activities" dated 13 October 2005.

This Rule applies only to the activity of removal of gravel. Persons exercising it should be aware that permission may need to be obtained, at their own expense, from the:

- (a) Legal owner or administering body of the bed of the river and of the resource; concession is required from the Department of Conservation if gravel extraction occurs on any riverbed that it administers;
- (b) The owner of land via which access to the riverbed is obtained;
- (c) Holder of any mining licence for gravel extraction who has prior rights to the resource;
- (d) The relevant road controlling authority for new access ways onto roads, or sealing existing access ways.

Persons wishing to extract gravel from riverbeds between 1 August and 1 February should be aware that a number of threatened bird species are nesting during this time. Where possible, gravel extraction should occur outside this time to avoid disturbing these nesting birds. If this is not possible, then operators should avoid working within 100 metres of nest sites.

If the effects, including cumulative, of permitted and / or consented gravel extraction activities at any of the sites result in adverse effects on the environment, the Council will review the application of Rule 29, and if necessary, undertake a plan change to address any issues.

Rule 33. Gravel extraction

The extraction of gravel from the dry part of a riverbed outside of a wetland identified in Schedule 1 or 2 is a **restricted discretionary activity** unless permitted under Rule 26 or 29.

In considering any resource consent under this rule the Council will restrict the exercise of its discretion to the following:

- (a) The amount to be taken, the removal method and the location and timing of the take;
- (b) The resource available at the proposed extraction site;
- (c) The resource already allocated from that river;
- (d) Any adverse or beneficial environmental effects;
- (e) Any potential effects on existing river users or existing structures;
- (f) Any potential effects on statutory acknowledgement areas or pounamu resources;
- (g) The duration of the resource consent;
- (h) The information and monitoring requirements;
- (i) Any bond; and
- (j) The review of conditions of the resource consent.

An application for resource consent under this Rule does not need to be notified and does not need to be served on persons who may be adversely affected by the activity unless either the applicant requests public notification or the Council considers that because of special circumstances the application should be publicly notified.