

Application for Gravel Extraction (PART B)

This application is made under Section 88 of the Resource Management Act 1991



The purpose of this Part B form is to provide you with guidance on information that is required under the Resource Management Act 1991. These forms are to act as a guide only and Environment Southland reserves the right to request additional information.

How much will it cost to process my application?

Environment Southland’s User Charges and Fees document is available at: www.es.govt.nz/fees-and-charges

User Charges

Please note that additional Annual User Charges will apply to all consents.

How to pay

Environment Southland accepts payment in the forms of cash, Eftpos, or electronic transfer. All electronic transfers must include the applicant’s name and “consent application” as a reference. Please make electronic payments to: Environment Southland, 01-0961-0018998-00 or online at www.es.govt.nz/online-services/online-payments.

Please don’t forget to include:

- Part A application form and the consent fee.
- A completed Gravel Extraction Evaluation Form. This form can be found on our website www.es.govt.nz
- If your extraction could affect navigational safety then please include a completed Technical Comment form from the Harbourmaster. This form can be found on our website. www.es.govt.nz
- Site plan/location map/sketch of the proposed activity.
- Photographs of the proposed extraction sites, looking both upstream and downstream.
- Evidence of any consultation undertaken.

If your application does not contain the necessary information and the appropriate fee, Environment Southland must return the application.

1 What is this application for?

a new gravel extraction consent

the renewal of existing consent
ref no: _____

2 What duration of resource consent is sought? _____ years

3 a. I confirm that the works are within the bed of a river or lake, as defined in the Resource Management Act.

Note: the bed of a river or lake is the space of land which the waters of the river or lake cover at its fullest flow or level without overtopping its banks

b. Which river(s) do you propose to take gravel from?

4 For what purpose(s) will the gravel be extracted?

5 Details of the contractor (or any other person) who will undertake the proposed extraction work.

Contracting company name:

Contact person:

Phone number:

6 GPS co-ordinates of the site(s) you propose to extract gravel from

Site 1: NZTM 2000 _____ E _____ N

Site 2: NZTM 2000 _____ E _____ N

7 Please provide the following details for the extraction site(s)

Site 1: Length: _____ m Width: _____ m
Area: _____ m² Depth: _____ m
Site 2: Length: _____ m Width: _____ m
Area: _____ m² Depth: _____ m

8 What is the maximum volume of gravel that you propose to extract each year?

Site 1: _____ m³ per year Site 2: _____ m³ per year

9 What is the total volume of gravel that you propose to extract?

Site 1: _____ m³ Site 2: _____ m³

10 Between what hours of the day will the gravel be taken between?

This is required to assess if public access to the river bed will be impacted. For example, between 9am and 5pm.

Hours: _____

11 Will machinery or vehicles be stored on the river bed when not in use?

Yes

No

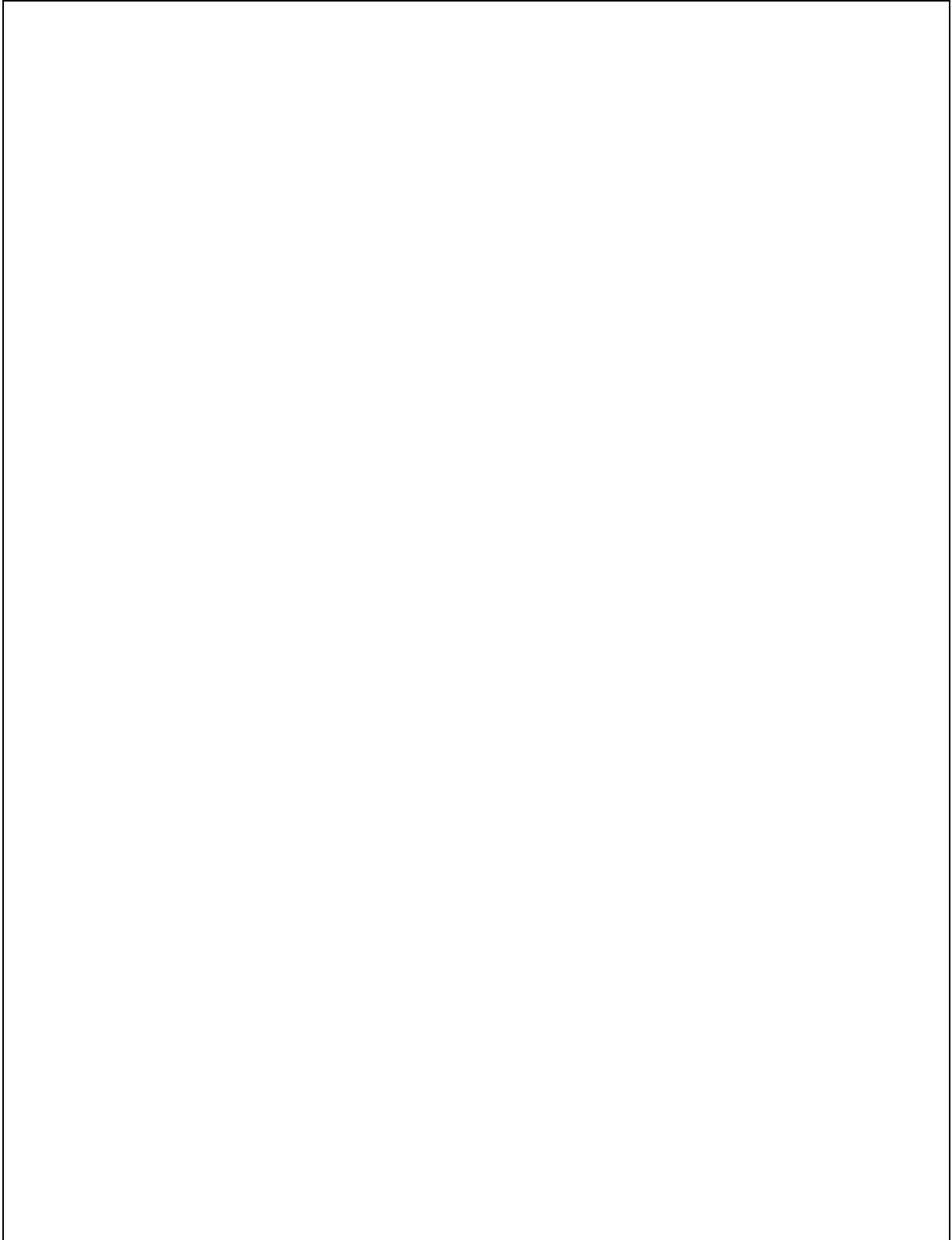
If yes, please provide details about where they will be stored.

- 12** What will you do to prevent any spills of fuel from the machinery taking the gravel entering water?
For example, machinery will not be refuelled on the riverbed.



13 Please describe the proposed method for extraction.

- Will the work involve beach skimming or pond/pit methods of excavation?
- Will the work require access through flowing water?
- Will gravel be extracted only from the dry bed of the river?
- What buffer distances will be maintained between the extraction points and flowing water?
- What will you do with any overburden?



14 The extraction of gravel often involves stock piling, washing¹, crushing and screening. Please tell us

- where the gravel will be stockpiled;
- the size of stockpiles;
- the intended duration of any stockpiles;
- how the gravel will be washed; and
- where the gravel will be crushed and the rate the gravel will be crushed.

15 What measures will you use to stop the spread of pest organisms such as Didymo?

For example, machinery will be cleaned before it goes on site.

¹ Note: the washing of gravel refers to the removal of any excess sediment from the gravel. Further consents to discharge contaminants (silt & sediment) to water may be required (please refer to the relevant Part B form).

Existing Environment

16 Are any of the following features found within the existing environment of the proposed activity? Describe these features in the space below, along with details of the assessment undertaken to determine the presence of these features.

- (a) Signs of instream life (e.g. fish, eels, bullies, crayfish, native birds, frogs)?
- (b) Areas where food is gathered from a water body (e.g. watercress, eels, wildfowl)?
- (c) Wetlands, wildlife habitats or bird nesting habitats (e.g. swamp areas)?
- (d) Areas of particular aesthetic, cultural, heritage or scientific value (e.g. archaeological sites)?
- (e) Waste discharges, water takes and/or monitoring sites?
- (f) Any other gravel extractions?
- (g) Other activities occurring in the area (e.g. commercial activity, fishing, swimming, boating)?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Please also include relevant photographs of the proposed extraction sites, looking both upstream and downstream of the extraction sites.

Please also include a map and/or site plan showing the above mentioned features and the following:

- roads, property boundaries and neighbouring properties, along with the names of adjacent landowners;
- buildings;
- rivers, streams creeks, drains or any other water bodies; and
- structures, stop banks and other flood protection works

Assessment of Effects

17 Will the extraction of gravel alter river flows during flood or low flow events?

18 Will the extraction of gravel cause significant riverbed erosion, either at the site or downstream? If yes, please provide a discussion of the potential risks.

19 Are there any structures or flood protection works in the vicinity of the proposed works? If yes, will the works have any effect on these structures? Please provide specific details.

20 What are the effects of the disposal of overburden?

21 Please discuss what effects the proposed activity will have on the following²:

- (a) any effect on those in the neighbourhood and, where relevant, the wider community, including any social, economic, or cultural effects

- (b) any physical effect on the locality, including any landscape and visual effects

- (c) any effect on plants or animals and any physical disturbance of habitats in the vicinity

- (d) any effect on natural and physical resources having visual, recreational, historical, or cultural value

² Pursuant to Schedule 4 of the Resource Management Act, 1991, there are a number of matters that must be addressed by an assessment of environmental effects.

(e) any discharge of contaminants into the environment

(f) any risk to the neighbourhood, the wider community, or the environment through natural hazards

22 Please include a description of the monitoring or mitigation measures to be undertaken to help avoid, reduce or remedy effects on the environment.

23 Please describe how you will minimise the release of silt, sediment and other contaminants into water.

24 Policy assessment

Please read these carefully and tick where you agree. These policies are available in full on Environment Southland's website. It is recommended you read these in full.

Assessment against the Proposed Southland Water and Land Plan (pSWLP), 2018

Relevant provisions	Assessment	Agree?
<i>Objective 6 – land use and water quality</i>	My mitigation measures show an understanding of the connection between land use and freshwater and seek to manage any effects on water quality. These will ensure that water quality is maintained.	
<i>Ngai Tahu policies – 1, 2 and 3</i>	My activity should not affect Taonga species and I have looked at the Iwi management plan.	
<i>Water quality – 15A and B: maintain and improve</i>	I am not discharging contaminants to water and there is a buffer distance between the site and the water.	
<i>River management – 28, 29 and 32</i>	There are no black fronted tern, black billed gulls, dotterels, stilts or oyster catchers nesting and/or roosting in the vicinity of the proposed operation. No work will occur within the wetted channel, reducing effects on instream ecology.	

Assessment against the Operative Regional Water and Land Plan (2010)

Relevant provisions	Assessment	Agree?
<i>Policies 25 and 26 –discharges and groundwater quality</i>	The extraction site is located away from flowing water and my mitigation measures will mean that I will not discharge contaminants to water.	
<i>Policy 32 – manage structures and bed disturbance activities</i>	My mitigation measures mean that in taking the gravel I will avoid and mitigate adverse effects on water quality, habitats and ecosystems and river morphology.	
<i>Policy 33 – provide for the extraction of gravel</i>	Taking the gravel will maintain or enhance the riverine environment, erosion control and flood protection and there will be no net loss of habitat in the river channel.	

Assessment against Te Tangi a Tauria (Iwi Management Plan)

Relevant provisions	Assessment	Agree?
<i>Earthworks – 3.5.8.1, 3.5.8.6 and 3.5.8.9</i>	An accidental discovery protocol will be added to my consent, the site is not near any known cultural artefacts and contaminants will not enter the river. I recognise the cultural importance of the river, fish passage will not be impeded, habitat will be created and I am taking biosecurity precautions.	
<i>Rivers and water quality – 3.5.11.7, 3.5.11.10, 3.5.11.15 and 3.5.11.19</i>		
<i>River bed activities – 3.5.15.1, 3.5.15.3,3.5.15.5 and 3.5.15.8</i>		

END OF FORM