

Resource Consent Application Form 14B

To extract gravel from the bed of a river (for small or short term extractions)



This application is made under Section 88 of the Resource Management Act 1991 (as amended)

Phone: 0800 474 082

Website: www.orc.govt.nz

IMPORTANT NOTES TO THE APPLICANT

This form is to be used for small, or one-off gravel extraction applications such as those less than 500 cubic metres. Ensure that you complete this application Form 14B **and** Resource Consent Application Form 1 in **full**.

More significant gravel extraction applications (greater than 500 cubic metres) should be completed using Form 14A and Form 1 in full. If an application is completed on this form (Form 14B) and the effects of the proposal are deemed potentially more than minor further information may be requested, or you may be required to complete Form 14A.

If all the necessary information is not entered on the form or supplied with the application then Otago Regional Council **may return your application**, request further information, or in some circumstances may publicly notify your application. This will lead to delays in the processing of your application and may increase processing costs. This application form and supporting documents, when properly completed, should provide an adequate "Assessment of Effects on the Environment" (AEE). However, this can only be determined on a case-by-case basis.

For activities located within a flood protection or drainage scheme identified in ORC's Flood Protection Management Bylaw 2012, please obtain authorisation / bylaw approval from ORC's Engineering Team before applying for resource consent.

PART A: Location and description of extraction location

1. (a) Which river are you seeking to extract gravel from: _____

Note: If you are seeking gravel from more than one river, please complete a separate Form 14A in addition to this one, with site specific details.

(b) Please provide GPS grid references from where you propose to extract gravel (Note: All GPS locations to be provided in NZTM 2000 format):

Location 1:

Mid point grid reference: _____ Easting _____ Northing

Upstream grid reference: _____ Easting _____ Northing

Downstream grid reference: _____ Easting _____ Northing

Location 2:

Mid point grid reference: _____ Easting _____ Northing

Upstream grid reference: _____ Easting _____ Northing

Downstream grid reference: _____ Easting _____ Northing

Location 3:

Mid point grid reference: _____ Easting _____ Northing

Upstream grid reference: _____ Easting _____ Northing

Downstream grid reference: _____ Easting _____ Northing

(c) Please describe the following aspects for each extraction location:

Location 1:

Length _____ m

Width _____ m

Area _____ ha or m²

Depth _____ m

Location 2:

Length _____ m

Width _____ m

Area _____ ha or m²

Depth _____ m

Location 3:

Length _____ m

Width _____ m

Area _____ ha or m²

Depth _____ m

(d) Please provide a detailed description of the river and location from which you wish to extract gravel: (Note: This should include a description of the river environment at each location, name of beach if known, total length and width of the beach, distance of proposed extraction from adjoining water level or height above low flow and any details about the beach or extraction location such as total size. Please attach any maps/images as required.

Plans maps/plans attached

PART B: Description of Proposed Extraction:

2. For what purpose is the gravel being extracted (e.g., commercial use):

3. Is this consent application seeking to replace an existing (current) consent?

No

Yes: please give the following information

Consent Number: _____

Expiry date of consent: _____

If this consent application is granted, do you intend to:

Extract gravel under the current consent until it expires (Section 124 continuation rights to be confirmed by Council)

Surrender the current consent and operate under the new consent as soon as possible

4. How much gravel do you propose to extract from each location?

Location 1 _____ m³ per year

Total volume sought from Location 1 over the term of the consent _____ m³

Location 2 _____ m³ per year

Total volume sought from Location 2 over the term of the consent _____ m³

Location 3 _____ m³ per year

Total volume sought from Location 3 over the term of the consent _____ m³

5. What is the total volume of gravel you are seeking?

_____ m³

6. Over what period are you seeking to extract gravel?

_____ days/weeks/months/years

7. If the total volume proposed to be extracted will be extracted over multiple events, over what period will each individual extraction event occur?

_____ days/weeks

8. Please describe the type of extraction method to be used:

- Beach skimming
- Instream works
- Dry bed channelisation

Definitions

Beach skimming – Scraping material off the surface layer of the dry bed of the river

Instream works - extracting material from within the wet bed of the river

Dry bed channelisation – cutting a channel into the dry bed adjacent to the main channel

9. For each extraction location please provide photos showing the gravel resource looking both up and downstream. (Note: please indicate on each photo the date it was taken and the direction facing) A map/image should also be provided showing where the photos were taken from.

- Photos attached

10. Is gravel washing proposed as part of the extraction? If yes please give details:

* The washing of gravel refers to the removal of any excess sediment from the gravel. If this activity is undertaken in the river further consents to take and use water, discharge sediment to water or for any disturbance to the bed may be

required. (Note: A river bed is defined as the space of land over which the waters in the river cover at its fullest flow without overtopping its banks). Please contact Council to discuss further if unsure.

11. River Bed Access

(a) Please provide a grid reference for all river access points: (Note: All GPS locations to be provided in NZTM 2000 format):

Grid reference: Easting _____ Northing _____
Easting _____ Northing _____
Easting _____ Northing _____

(b) Please provide site photographs (6"x4" minimum size) of all proposed river bed access points.

Photographs attached to this application form

(c) Describe how the river bed will be accessed (e.g., track rolled ramp, culvert, existing track). Note: If the access is required to be formed, or you require access through the river, please provide details and show plans, including details of any alterations to the river bank*:

* Further consents may be required for works that alter the bed of a river, that discharge sediment to water or require the placement of instream structures. Where these may occur as a result of your extraction activities, please also complete Form 7 (Discharge to Water), Form 10C (Instream Works) and/or Form 37 (Culverts). Alternatively, please contact the Council to discuss.

(d) Describe the average width of the dry bed of the river at the access point. If accessing the wet bed also describe the depth of the river at the access point

Average width of dry bed (between base of bank and edge of the flowing channel) of the river _____ m

Average width of wet bed (the width of the flowing channel) of the river _____ m

(e) Describe the composition of the bed material of the dry bed of the river at the access point (e.g. Is the bed muddy, sandy, stony etc.). **If accessing the wet bed also describe its composition at the access point.**

(f) Describe the proposed frequency of use of the access point/s.

12. Is stockpiling of gravel on the river bed or flood plain, (within 30 metres of the top of the river bank), proposed at any time during extraction? If yes, please provide details, specifically where gravel will be stockpiled*, the size of the stockpiles and the intended duration for any stockpiling. (Note 1: A river bed is defined as the space of land which waters of the river cover at its fullest flow without overtopping its banks. Note 2: The stockpiling of gravel is of concern where it may divert water). Please contact Council where unsure.

* If gravel stockpiles exceed 1,000 m³ and are located within Air Zone 1 or Air Zone 2 as defined in Schedule 2 of the Regional Plan: Air for Otago, and/or if the crushing or screening of gravel is at a rate exceeding 100 tonnes an hour, then consent to discharge dust to air may be required. For this please contact Council to discuss further. Alternatively, please complete Form 8, Discharge to Air.

13. Describe in detail your proposed management plan and extraction methodology program (e.g., start from near the waters edge and move toward the banks, commencing in the north of the area, and moving southwards. You could discuss machinery types and or size to be used, how you propose to minimise any sediment from being discharged to water or avoid the disturbance of the bed of the river. If you have any means for dealing with any biosecurity matters such as didymo, any backfilling/ contouring/rehabilitation methods/plans, and your method of

disposing of reject material.

Management Plan attached

14. Describe the proposed timing of work:

Hours of work: _____ am/pm to _____ am/pm

Days of work: _____ to _____ (Mon/Tue/Wed/Thur/Fri/Sat/Sun)

Total number of days to complete the proposed work (estimated): _____

Time of year extraction will occur: _____ to _____ (months of the year)

Periods where works will not occur (such as public holidays):

15. Have you consulted with the local territorial authority (e.g., DCC, CODC, CDC, WDC, QLDC etc) regarding any other consents required for the proposed extraction?

Yes No

Please list any other relevant land use consents required from the local authority:

16. Please provide the details of the contractor (or other person) who will undertake the proposed extraction work.

Contracting Company Name (if relevant): _____

Contact Person: _____

Contact Person's Phone Number: (office): _____

(Mobile): _____

PART C: Assessment of Environmental Effects

*Note: For some applicant's a number of the questions below may require answers/explanations that will take up more space than provided on this form. Please provide additional attachments, including written explanations, images, figures etc as required.

17. (a) Please describe the river form at each extraction location: (e.g., braided, meandering or incised? Is there significant riverbank erosion?) How has the river changed over time in this location? If there has been gravel extraction there in the past, how has this affected the river? Please provide any supportive evidence as required – this could include the use of beach survey cross sections for each extraction location or any technical advice prepared by a suitably qualified and experience person.

(b) How will the proposed extraction affect river form in this location? (e.g., erosion potential, aggradation/degradation effects)? Will there be any change in effects on the river during flood of low flow events as a result of the extraction?

(c) How will the proposed extraction affect the overall river catchment (e.g., better flood/erosion management)? Especially consider the downstream effects of the extraction on the river form (aggradation/degradation) and behaviour. Please provide any evidence to support your comments:

(Note: Council holds existing channel morphology and sediment analysis reports as well as a number of images and maps which may be of use here. Please contact Council's Environmental Engineering and Natural Hazards Unit if required).

18. Describe whether there are any adverse effects that may be caused by machinery access to the bed of the river and the way, in which these adverse effects are to be avoided, remedied and mitigated:

19. What structures are located downstream of the site? What is the distance to the nearest structure? Will the removal of gravel directly or indirectly affect any downstream structure such as through alterations to the bed or altering any flow characteristics?

20. What is the distance to the nearest downstream gravel extraction location? How will the proposed extraction affect this and/or any other downstream gravel takes?

21. Does the area from which you propose to extract gravel have any of the following values associated with it:

- Native fish
- Sports fish
- Aquatic habitat
- Bird life
- Water supply
- Visual amenity
- Recreational amenity (e.g., fishing, walking, swimming, kayaking etc)
- Heritage values
- Other (describe): _____

Please refer to Schedule 1 of the Regional Plan: Water or Council’s Resource Science Unit to assist with answering this question. They may have information on file.

If the location has any of the above values, please describe how you intend to avoid, remedy or mitigate adverse effects of the proposed gravel extraction on these values: (Note: For applications to take gravel via instream methods a more detailed ecological assessment will be required. Please attach any ecological information/reports or assessments completed which identify the plant, fish, and invertebrate species present and details of the potential effects the disturbance and gravel extraction may have on the site.

You may wish to undertake some pre-application consultation with a suitably qualified, independent ecologist, experienced in river ecological management about the proposal).

22. Will the proposed extraction have any river management benefits? If yes, please describe what these benefits are and how they have been determined?

23. Are you proposing any other works as well and removing gravel? (for example, riparian planting, placing rock rip rap material or other instream works)

24. Please comment on any consultation undertaken with those persons/parties who may be affected by your proposal to extract gravel:

25. Please provide any written approvals obtained:

- Written approvals attached on Form 1

26. In order to submit a complete application, have you remembered to?

- Fully completed this application form and Form 1
- Attached an Assessment of Environmental Effects? (if required)
- Attached the Policy Sheet, or an assessment against the relevant policy documents
- Attached maps, technical drawings and photographs as appropriate
- Attached technical reports appropriate
- Attached a Certificate of Title for the site that is less than 3 months old
- Attached any written approvals
- Paid your deposit?

Additional Notes to Applicant:

- (a) Obtaining permission for access to the extraction area is the applicant's responsibility. The granting of a consent to extract the gravel does not imply permission to access the land.
- (b) Land use consents to extract gravel from river beds confer no rights to exclusively occupy any land either on or outside of the river bed.
- (c) The applicant is to be aware that neighbours might be affected by noise or dust from the gravel extraction and screening work. Please consult the Territorial Local Authority about noise limits and related time restrictions. The granting of a consent to extract gravel does not allow for any objectionable noise or dust to travel beyond the site.
- (d) Under Section 36 of the Resource Management Act 1991 and the Local Government Act 2002, the consent holder must pay an inspection and management fee to the Consent Authority.

**If you have any queries relating to information requirements,
please contact the Otago Regional Council Offices:**

Freephone: 0800 474 082

Website: www.orc.govt.nz

Email: consent.enquiries@orc.govt.nz

