

# Gravel Extraction Evaluation Form

ENVIRONMENT SOUTHLAND

11 JUN 2019



environment  
SOUTHLAND  
REGIONAL COUNCIL  
Te Taiaro Tonga

To be completed by a member of Environment Southland's catchment management division and submitted with any application for resource consent to extract gravel from the bed of a watercourse.

Name: Te Anau Earthworks Limited

Address: 9 Snodgrass Road,

P.O. Box 218 Te Anau

for the extraction of 184,500 m3 of gravel from Lower Mararoa River river/stream

at Lagoon Creek Area - Central position E: 1194974 N: 494439

(Location)

(Grid Reference)

over the next 10 Year Period

The application is for a new consent/renewal of an existing consent (delete one)

## Section 1

(If all of the boxes below are ticked, then affected party written approvals from Southland Fish & Game Council, Department of Conservation and Te Ao Marama Inc are probably not required)

will not cross flowing water with heavy vehicles

will not extract from flowing water

will not extract below water level

will not damage trees on the river bed or in the riparian area

will not crush gravel on the site

will not take or discharge water as part of the operation

the site has been used for gravel extraction within the last 10 years.

there are presently no black fronted tern, black billed gulls, dotterels, stilts or oyster catchers nesting and/or roosting in the vicinity of the proposed operation.

the site is:

- on the mainstem of the Aparima River downstream of the Jacobs Bridge, or;
- on the mainstem of the Oreti River downstream of the Weydon Burn confluence and upstream of the Winton Bridge, or;
- on the mainstem of the Mataura River upstream of the Ardlussa Bridge, or;
- on the mainstem of the Mataura River and complies with the Council policy for extraction of small-scale gravel needs;
- on the mainstem of the Waiiau River.

## Section 2

(If all of the boxes below are ticked, then an Air Discharge Permit is probably not required)

- the rate of extraction will not exceed 100 tonnes per hour
- the rate of crushing will not exceed 100 tonnes per hour
- the rate of screening will not exceed 100 tonnes per hour
- the maximum size of stockpiles for material smaller than 5 mm in diameter will not exceed 5,000 m<sup>3</sup>
- the maximum size of stockpiles for material 5 mm in diameter and larger will not exceed 10,000 m<sup>3</sup>

## Section 3

Is the river braided, meandering or incised?

Braided

How much gravel is currently available at the site and will it sustain the proposed extraction?

several hundred thousand m<sup>3</sup> and is sustainable

Are there any signs of riverbank erosion that would be exacerbated by the proposed extraction?

No

Has the river changed course as a result of previous gravel extractions on this stretch of the river?

No

Are there any flood risks associated with the area and could the extraction create a greater flooding risk?

No

Are there any structures or flood protection works in/over/next to the water body the vicinity of the proposed works? If yes, will the works have any effect on these structures?

No

The following consent conditions must be included on any consent resulting from this application:

- In the event of a discovery, or suspected discovery, of a site of cultural importance (Waahi Taonga/Tapu) during the construction, the consent holder shall immediately cease operations in that location and inform the local iwi authority (Te Ao Marama Inc, phone 03 931 1242). Operations may recommence at a time as agreed upon in writing with the Consent Authority. The discovery of Koiwi (human skeletal remains) or Taonga or artefact material (e.g. pounamu/greenstone) would indicate a site of cultural importance. Appendix A to this consent outlines the process that is to be followed in the event of such a discovery.
- There shall be no disturbance of the roosting and nesting areas of the black fronted tern, black billed gull, and banded and black fronted dotterel, or the feeding areas of the banded and black fronted dotterel, as a result of the exercise of this consent.

### Declaration

The application has been assessed with regard to the Catchment Management division's responsibilities.

I recommend the application be approved declined (delete one).

Recommended by:

*P. Allen*

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I give my written approval as representative of the Catchment Management division's responsibilities to the application being granted

Paddy Haynes

Catchment Manager

*[Signature]*

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