

Form No: 110



Office use only
Consent number: _____
Application number: _____
Date received: _____
Document number: _____
AEE Document number: _____
New/Renewal
Coastal Marine Area Yes/No
Draft report to be viewed: Yes / No
Eftpos / Cash / Cheque / Int Banking / Credit Card
Amount Paid \$ _____ Date Pd _____

Resource Consent Application

(Pursuant to section 88 of the Resource Management Act 1991)

Discharge Permit

To discharge contaminants to water or land

(A separate application form is required for each consent being applied for)

Important: Please read carefully before completing the form

All applicants need to respond to all of the questions. If a particular section is not applicable to your application, please say so; do not leave the question blank. Questions may be answered in attached documentation if it is more convenient or insufficient space is provided on the form. If that is done, state specifically on the application form where the answer can be found (**include page numbers if referring to a separate report**).

If you have any questions relating to completion of this application form, please contact the Consents Department, Taranaki Regional Council on telephone (06)765-7127 or email consents@trc.govt.nz.

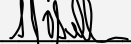
Lodge the application by signing below and sending the completed form to:

Mail: Taranaki Regional Council, Private Bag 713, Stratford 4352.
Attention: Consents Administration Officer

Email: consents@trc.govt.nz (if application is emailed please do not mail a hard copy unless requested to do so by the consents department.)

If you have not received an email acknowledgement for this application within 5 working days (for new applications) or 10 working days (for renewals) please contact consents@trc.govt.nz.

Application is hereby made for the resource consent detailed in this form

Signature of applicant or authorised agent: _____ 

Name: Stephen O'Sullivan

Date: 1-02-2018 _____

Please print full name of person who signed above.

1 Application Purpose

1.1 What is the purpose of this application?

New consent

Replacement for expiring
consent (renewal)

Consent number of expiring consent 1797-3

Note: If you are applying to change the conditions of your consent, do not complete this form. You will need to complete form 510 instead.

2 Applicant Details

2.1 Applicant's name *(full name of proposed consent holder)*

Please complete either (a), (b) or (c) to whom consent is to be issued.

(a) Company Opunake Power Ltd

First Name

Middle Name

Surname

(b) Individual(s)

(c) Trust/Partnership Name

If Trust/Partnership: Full names of Trustees/Partners:

First Name

Middle Name

Surname

2.2 Applicant's address for service *[not consultant's address]*

E-mail steve.osullivan@xtra.co.nz

Postal 13 Verona Place, Stratford

Phone 06 765 5237

Mob. 0274474555

Name of person to contact regarding this application

Contact Person Stephen O'Sullivan

Phone

(if different from 2.2)

Email.

(if different from 2.2)

2.3 Address for service (if different from above, i.e. consultant, lawyer, or other person handling application)

Contact Person _____

E-mail _____

Postal _____

Phone _____ Mob. _____

The Council will serve all formal documents electronically via the email address in 2.2 and 2.3 (if provided).

3 Site Details

3.1 Will the discharge occur in the Coastal Marine Area. Yes No

If you answered 'Yes' to the above, **before lodging this application** please contact consents Administration Staff at consents@trc.govt.nz to determine who you are required to seek comment from under the Marine and Coastal Area (Takutai Moana) Act 2011 or visit www.justice.govt.nz/maori-land-treaty/marine-and-coastal-area/applications/taranaki-region/.

3.2 Name and address of owner or occupier at the site (if different from 2.1 and 2.2)

Written approval of landowner(s) attached (See section 11) Yes No

3.3 Location of activity (Including: Street/road name, number, and locality)

[Lake Opunake, Layard Street Opunake](#)

3.4 Map Co-ordinates at point of discharge (either Longitude/Latitude or NZTM):

_____ Longitude _____ Latitude OR

[1674248E-5631944N \(NZTM\)](#)

3.5 Legal description of property at site of activity (refer to land title or rates notice)

[Lot1 SS6265 Sub Sec 47 Borough of Opunake Blk IX Opunake SD](#)

3.6 Assessment/Valuation number of property (refer to land title or rates notice)

3.7 If the discharge is to water, name the river or stream that the discharge goes to or for discharges to land the name of the closest river or stream to the discharge site?

Waiaua River

4 Location map

4.1 The application must include an aerial photograph or clear map showing the location of the proposed discharges.

An aerial photograph of the site can be obtained free of charge from Taranaki Regional Explorer; <http://www.trc.govt.nz/taranaki-regional-xplorer/>. Alternatively, contact the Consents Department at the Council and request an aerial photograph to be provided.

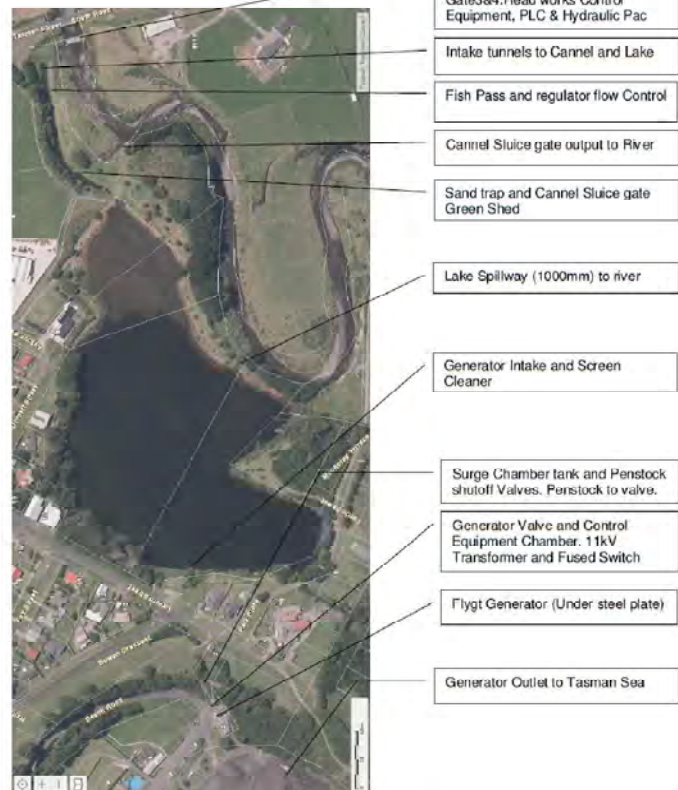
Aerial photograph (or map) included

Please make sure the following is shown on your aerial photograph or map:

- Discharge points Canal Sluice Gate
- Catchment area
- Property boundaries
- Local Roads
- Any other relevant features



Map and Equipment layout



5 Details of the Activity

5.1 If you have discussed this proposal with council staff, please give the person's name here:

Bart Jansma

5.2 In your own words, briefly describe the activity you are undertaking and its purpose:

The river water intake canal from The Waiaua River to the lake has a Stop Gate on the Lake side of the sand trap. The sand trap has a manual gate valve which allows the sluicing of sand from the canal and sand trap back to the Waiaua River from where it came.

5.3 Indicate the consent being applied for on this form:

[please complete separate application forms for each type of consent applied for]

- | | | | | |
|---------------------------------------|-----|-------------------------------------|----|-------------------------------------|
| A) Discharge of contaminants to land | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> |
| B) Discharge of contaminants to water | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |

5.4 Describe the industry and/or process from which the discharge will occur, and its general nature *[eg domestic sewage, wastewater]*

The ongoing issues with sedimentation of the Waiaua River caused by sand deposition from erosion events on the mountain are causing ongoing problems – we have been working on options to mitigate this issue and the single most effective solution to date is to ensure the South Weir Gate (G5) opens on a regular basis (6hourly) and on heavy flows (1hourly) this has the effect of transporting the sedimentation down the river rather than into the intake canal.

But if the sand does enter the Canal then the sand trap bowl needs to be embtied out on occasion.

The sand is flushed via the canal sluice gate back to the Waiaua River, at full flow about 2m³ with suspended sand and sediment will be flushed back to the river – this process takes about 30 minutes.

It is best if the flow is reduced as it causes a rapid like effect sluicing the sand down the canal,

5.5 What is the general form of the discharge?

	Yes	No		Yes	No
Solid material	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Liquids	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Generally solid but will release contaminants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Liquids with contaminants in suspension or solution	<input checked="" type="checkbox"/>	<input type="checkbox"/>

5.6 Identify the potentially significant contaminants [or effects of contaminants] in the discharge

	Yes	No		Yes	No
Sediment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Phosphorus	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Heat	<input type="checkbox"/>	<input checked="" type="checkbox"/>	BOD	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nitrogen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hydrocarbons	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other contaminants detailed below	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Metals	<input type="checkbox"/>	<input checked="" type="checkbox"/>

6 Details of discharge to land

[please do not complete if discharge is to water]

6.1 Over what area of land is the discharge proposed _____

Ensure the disposal area is shown on the photo/map included

6.2 Give full details of the source of the material discharged and any treatment it will receive prior to discharge

6.3 Could the discharge result in any emissions of odour or dust beyond the property boundary?

A) No

B) Yes If yes give details. A specific consent to discharge to air may be required.

Solids:

6.4 Detail the volume proposed to be discharged and the frequency of discharge

Liquids:

6.5 What is the proposed maximum rate of discharge **per second**

6.6 How frequent is the discharge

	Yes	No	
Constant	<input type="checkbox"/>	<input checked="" type="checkbox"/>	If not constant state below:
			hrs per day _____
			days per week _____
			other _____

6.7 Give full details of the method of discharge.

6.8 Give any other relevant details about the rate and frequency of discharge

7 Details of discharge to water

[please do not complete if discharge is to land]

- 7.1 Give full details of the source of the discharge and any treatment it will receive prior to discharge

The sand will settle in the sand trap if it enters the canal system. The sand will be flushed back into the Waiaua River with fresh water to form a sluicing action.

Solids:

- 7.2 Detail the volume proposed to be discharged and the frequency of discharge.

Approximately 5-6m³ of sand could be flushed if the canal has a high level of sand

The sand is flushed via the canal sluice gate back to the Waiaua River, at full flow about 2m³ with suspended sand and sediment will be flushed back to the river – this process takes about 30 minutes.

It is best if the flow is reduced as it causes a rapid like effect sluicing the sand down the canal,

Liquids:

- 7.3 What is the proposed maximum rate of discharge 2.5m³ per sec

- 7.4 How frequent is the discharge

	Yes	No	
Constant	<input type="checkbox"/>	<input checked="" type="checkbox"/>	If not constant state below:
			hrs per day _____
			days per week 2hr per week
			other _____

- 7.5 Give full details of the method of discharge.

The sand is flushed via the canal sluice gate back to the Waiaua River, at full flow about 2m³ with suspended sand and sediment will be flushed back to the river – this process takes about 30 minutes.

It is best if the flow is reduced as it causes a rapid like effect sluicing the sand down the canal.

7.6 Give any other relevant details about the rate and frequency of discharge.

The opening of the sluice gate depends on sand entry to the canal. Resent history (last 6Months) has seen the canal sluice gate open 3 times to flush the sand out.

8 Assessment of Environmental Effects

An assessment of environmental effects [AEE] in accordance with schedule 4 of the Resource Management Act 1991 must be provided with the application. The AEE detail must correspond to the scale of the effects that the activity may have on the environment.

Completing the AEE section of this form will be adequate for most applications. However for activities with actual or potential effects that are significant, a separate comprehensive AEE report including specific investigations may be required.

Schedule 4 can be viewed at www.trc.govt.nz/resource-consent-application-forms

8.1 Consideration of alternative methods of discharge, including discharging to another receiving environment.

- A) No alternatives considered. This is the only feasible option. Explain below if appropriate; or
- B) Provide a description of alternatives considered and the reasons for the option chosen

The canal discharge and topup for the residual flow has to come from the sandtrap gate valve.

The ongoing issues with sedimentation of the Waiaua River caused by sand deposition from erosion events on the mountain are causing ongoing problems – we have been working on options to mitigate this issue and the single most effective solution to date is to ensure the South Weir Gate (G5) opens on a regular basis (6hourly) and on heavy flows (1hourly) this has the effect of transporting the sedimentation down the river rather than into the intake canal.

8.2 If the application is to renew a consent, summarise the monitoring that has been undertaken and the environmental effects as identified by that monitoring.

Annual TRC monitoring reports are available that generally included monthly inspections and that included river residual flow gauging.

The last fish survey was completed in 2014 and temperature and streambed community monitoring has been postponed due to very high sedimentation loading makes it impractical.

15Minute logs of various measurements are taken and provided to the TRC (required at 3 monthly intervals), these measurements are Fish Pass Level, Lake Level and Generation

Additional information includes when the river is in a flood state, operation of the Weir Sluice Bypass Gates.

Records of discharges have been keep and passed onto the TRC on a 3mothly log.

The ongoing issues with sedimentation of the Waiaua River caused by sand deposition from erosion events on the mountain are causing ongoing problems – we have been working on options to mitigate this issue and the single most effective solution to date is to ensure the South Weir Gate

9 Assessment of Part 2 Matters and Policy

An assessment of the activity against the matters set out in Part 2 of the RMA and against any relevant provisions of policy documents and regulations must be provided with the application. The assessment must be in sufficient detail to satisfy the purpose for which its required.

For most applications the brief assessment provided below will be adequate. However for activities with significant policy implications, or where a National Policy Statement is relevant, a specific more comprehensive assessment is likely to be required.

The proposal is consistent with Part 2 of the RMA (the focus of which is to promote sustainable management of natural resources). The Regional Freshwater Plan for Taranaki generally supports discharges to water or land if adverse effects such as those associated reduced water quality are avoided, remedied or mitigated. These requirements can be met by appropriate treatment and/or adopting the best practicable option to minimise effects.

I will adopt the RMA assessment above; or

I will attach an alternative assessment

10 Other Consents Required

10.1 What consents are required from other authorities for the proposed activity?

None

Consent Required

Authority

Applied for?

Yes No

10.2 What other consents are required from the Taranaki Regional Council for the proposed activity? A separate application form for each activity must be completed.

None

Consent Required

Authority: Taranaki Regional Council

Consent No Expiry Date	Location	Activity authorised
1795-4 1 st June 2018	South Road, (State Highway 45), Opunake	To take water from the Waiaua River in association with the Opunake hydro electric power scheme.
1796-3 1 st June 2018	Lake Opunake, Layard Street, Opunake	To take and use water from Lake Opunake for hydroelectric power generation in association with the Opunake hydroelectric power scheme
1797-3 1 st June 2018	Lake Opunake, Layard St, Opunake	To discharge sand and silt deposits from a diversion canal sand trap via a spillway to the Waiaua River in association with the Opunake hydroelectric power scheme
4658-2 1 st June 2024	Lake Opunake, Layard St, Opunake	To disturb the bed of Lake Opunake in the Waiaua catchment by removing reeds and flaxes from the edge of the lake.
4563-2 1 st June 2018	Opunake Beach, Beach Road, Opunake	To erect, place and maintain an outfall structure in the coastal marine area on the Opunake Beach foreshore in association with the Opunake hydroelectric power scheme
4744-2 1 st June 2018	Beach Road, Opunake	To discharge water from hydroelectric power generation through two marine outfall pipes into the Tasman Sea
5692-1 1 st June 2018	South Road [State Highway 45], Opunake	To disturb the bed of the Waiaua River by removing sediment build-up upstream of a weir for the purpose of maintaining the Opunake hydroelectric scheme intake
5581-1 1 st June 2018	South Road [State Highway 45], Opunake	To dam the Waiaua River in association with the Opunake hydroelectric power scheme

All are being applied for _____ Yes No

11 Consultation / Affected Parties

11.1 Please list the persons that you believe to have an interest in or that may be affected by the proposal.

Name	Surname	Organisation	Att.	Phone	Cell Phone	Email
Bart	Jansma	TRC	Yes		272112362	Bart.Jansma@trc.govt.nz
Brian	Vincent	OPK Community Board	Yes		272000515	
Brian	Roach	STDC - Councillor	Yes		274457888	
Brent	Manning	STDC - Engineer	TBC	06 278 0555		Brent.Manning@STDC.govt.nz
Nikki	Palmer	Department of Conservation	TBC			npalmer@doc.govt.nz
Allen	Stancliff	Fish and Game New Zealand	Yes	06 757 9676	272639152	AStancliff@fishandgame.org.nz
Paddy	Walsh	Opunake angling & Surfcasting Club	Yes		272305820	paddy@actionaki.co.nz
Leanne	Horo	Taranaki Iwi - Authorised voice of Te Kāhui o Taranaki Trust	TBC	06 763 8242	274988746	admin@taranaki.iwi.nz
Nigel	Robinson	Landowner	Yes		274756073	elite.fs@xtra.co.nz
Heather	Sharpe	Landowner	Yes		211311961	
Rex	Langton	Opunake Lions Club	Yes		276527271	randllangton@xtra.co.nz

11.2 Detail the consultation undertaken with any interested/affected parties, and the views of those consulted. Attach correspondence if appropriate. The consultation undertaken and the information provided is to aid the Council in determining who may be adversely affected by the proposal.

If the discharge is in the coastal marine area please provide details of consultation with people/organisations who have made applications for customary rights under the Marine and Coastal Area (Takutai Moana) Act 2011. Include how you consulted, who you consulted with and their response. **A list of applicants can be found here:** www.justice.govt.nz/maori-land-treaty/marine-and-coastal-area/applications/taranaki-region/

Stake holders meeting held in 2011, Stake holders meeting to be held 1st June 2018.

Discussions have been had with Rex Langton and Heather Sharpe.

Meetings have been held on site with STDC councillor Brian Roach.

Discussions have been held with Allen Stancliff, Taranaki Fish and Game.

Please note: Council may determine that your application is to be notified. But generally it will be non-notified if there are no more than minor adverse effects beyond the adjacent land, and if written approval is obtained from all those people who are likely to be adversely affected in a minor or more than minor way. Council will determine the people who are likely to be adversely affected and you will have the option of obtaining their written approval so that your application can be non-notified.

Important Note:

If you are not the landowner at the site of the discharge, the landowner(s) written approval will be required. If they are not included with the application it will be lodged as a draft. Formal acceptance will occur when all written approvals are provided or the applicant requests limited notification.

12 Draft report and conditions

12.1 Do you wish to review and make comment on a draft report and recommendation *[including consent conditions]* before any consent is issued?

Yes No

If you answered 'Yes' please consider agreeing to a timeframe extension [See section 13 below.]

13 Processing Timeframes

The RMA specifies timeframes for processing resource consent applications, [for example 20 working days for a non-notified application], however these timeframes can be extended with the applicant's agreement.

13.1 Do you agree to the Taranaki Regional Council extending RMA consent processing timeframes?

- Yes, provided that I can continue to exercise my existing consent until processing of this application is completed *[renewal applications]*.
- Yes, provided that the extension is for the specific purpose of discussing and trying to agree on consent conditions.
- Yes, provided that the application process is completed before ____/____/____ *[enter date]*

14 Value of investment (renewal applications)

Please complete this section only if your application is to renew an existing consent

14.1 Provide an assessment of the value of your investment that is dependent on this consent.

- | | | | |
|-----------------------|-------------------------------------|--------------------------|--------------------------|
| < \$10,000 | <input type="checkbox"/> | \$10,000 to \$50,000 | <input type="checkbox"/> |
| \$50,000 to \$250,000 | <input checked="" type="checkbox"/> | \$250,000 to \$1,000,000 | <input type="checkbox"/> |
| \$1 M to \$5 M | <input type="checkbox"/> | \$5 M to \$50 M | <input type="checkbox"/> |
| >\$50 M | <input type="checkbox"/> | | |

15 Surrender of existing consent [renewal applications only]

Please note that your existing consent is to be surrendered on the granting of this application.

16 Fees and charges

16.1 Initial Deposit payment – All applications must have a deposit paid before processing of the application will begin.

Non-notified applications

Amount to be Paid \$ 1196.00 (GST incl.) per application x 1 no. of applications lodged

= Total Amount Paid \$1196.00

Payment date 29-05-18

Notified applications

Amount to be Paid \$ 8,050.00 (GST inclusive) per proposal

= Total Amount Paid \$8,050.00

Payment date _____

Note:

- 1) Assume your application is non-notified unless Council has informed you otherwise.
- 2) Purchase orders are not acceptable as payment for the deposit.
- 3) An invoice/receipt for the deposit will be issued shortly after payment has been received.

16.2 Payment method for initial deposit

Cheque made payable to Taranaki Regional Council (to be lodged with application documents)

Cash/Eftpos (to be made at Taranaki Regional Council offices, 47 Cloten Rd, Stratford)

Credit card payment made via Online Services at <https://onlineservices.trc.govt.nz>

Internet Banking – **please complete below, and enter all details on your internet banking payment to enable us to correctly identify your payment, otherwise processing of your application may**

be delayed.

Payer Particulars:	C	O	N	S	E	N	T		D	E	P	
--------------------	---	---	---	---	---	---	---	--	---	---	---	--

Payer Reference:	O	P	K	-	1	7	9	7	-	3		
------------------	---	---	---	---	---	---	---	---	---	---	--	--

Enter the reference you have used for your internet banking payment above. We suggest using your company name or surname, or if you make multiple applications use the location (road name or river) where activity is occurring, or consent number if known.

Taranaki Regional Council Account Details for Internet Banking

Bank	Branch	Account No.	Suffix
0 2	0 7 5 6	0 0 4 0 5 5 5	0 0 2

Please note this is a separate account for consent deposits only. It is a different account number to where you may make other Council payments, such as annual monitoring fees, or plant purchases.

16.3 Invoicing details: (where to send the invoice for this consent application)

Applicant or Consultant

16.4 Is the Council required to quote a purchase order number on future invoices for this application?

Yes Order Number:
No

The deposit amount is required when an application is submitted and is an **initial deposit** towards the final cost of processing the application. Processing of the application will begin when the deposit is received. Purchase orders are not acceptable as payment for the deposit and we are unable to issue you an invoice/receipt until payment has been received. The final cost of processing is based on actual and reasonable staff time and disbursements spent processing the application. The final cost (less the deposit) is invoiced at the end of the application process, but there may also be interim invoices during the process.

Where there is more than one application required for the same proposal, an initial deposit is required for each application (non notified applications).

If the consent is notified, a larger deposit will be required. We will advise if the application is to be notified.

Withdrawn applications will incur the cost for work done up to the date of withdrawal.

Applications returned due to inadequate information will incur the cost of work done in receiving the application, assessing the information and returning the application.

All collection costs incurred in the recovery of a debt will be added to the invoice amount due. Overdue invoices will incur an interest charge of 12% per annum.

Details of Council's charging policy are in its 2015/2025 Long-Term Plan.
(www.trc.govt.nz/council/plans-and-reports/strategy-policy-and-plans)

Official information

The information you provide with your application is official information. It is used to help process your resource consent application and assess the impact of your activity on the environment and other people.

Your information is held and administered by the Taranaki Regional Council in accordance with the Local Government Official Information and Meetings Act 1987 and the Privacy Act 1993. This means that your information may be disclosed to other people who request it in accordance with the terms of these Acts. It is therefore important you let us know if your application includes trade secrets, commercially sensitive material or any other information you consider should not be disclosed.

Please lodge the application by signing the front page and sending the completed form to:

Mail: Taranaki Regional Council, Private Bag 713, Stratford 4352.
Attention: Consents Administration Officer

Email: consents@trc.govt.nz (if application is emailed please do not mail a hard copy unless requested to do so by the consents department.)