

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.

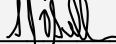
Lodge the application by signing below and sending the completed form to:

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 4744-2

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 _____ Email. _____
(if different from 2.2) *(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)

[Beach Road Opunake](#)

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

_____ Longitude _____ Latitude OR

[1673815E-5631907N \(NZTM\)](#)

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

[Sec 48 Opunake Suburban \(Discharge source\)](#)
[Adjacent to Sec 1 Blk V11 TN Opunake \(Discharge site\)](#)

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?

Tasman Sea

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.

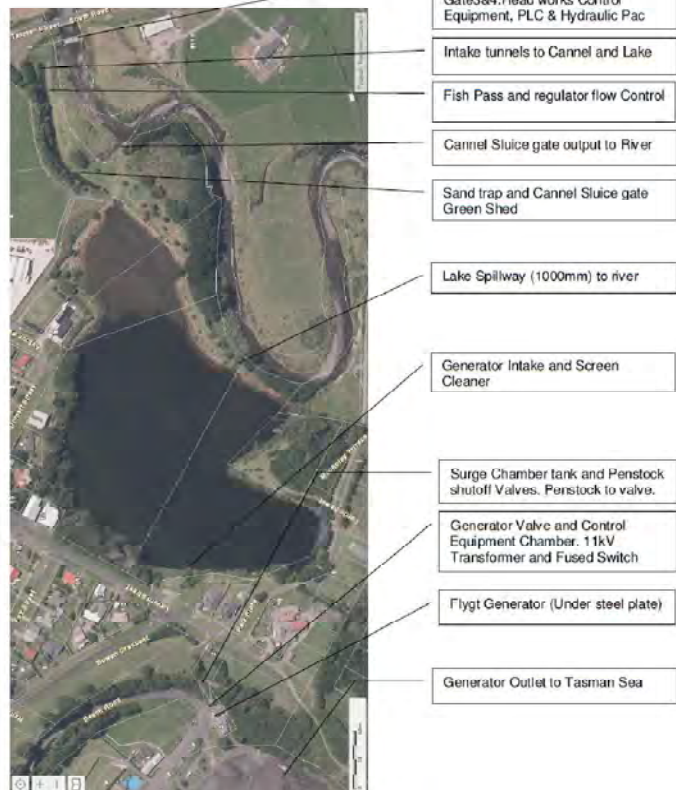
Aerial photograph (or map) included

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:

Opunake Hydro Electric scheme takes fresh water from Lake Opunake and discharges it to the Tasman Sea via the penstock and generator. The structure used for this is a concrete bulkhead with a tunnel back to the discharge tube. The Generator discharges at a rate 2.5m³/s dependant on lake level and tidal levels.

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 water discharge should be contaminate free, there may be some vegetation and suspended sedimentation consistent with fresh water from a lake/river

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 checked="" type="checkbox"/>	<input type="checkbox"/>
Generally solid but will release contaminants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sometimes 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 checked="" type="checkbox"/>	<input type="checkbox"/>	Metals	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Vegetation – lake weeds

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

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 water originates from the Waiaua River and enters the Lake Opunake storage lake. When the level or during peak times the generator will start and take water from the lake and discharge into the Tasman Sea.

The only treatment is the water enters via a screen cleaner to remove any larger items of Vegetation and rubbish from entering the generator penstock.

Solids:

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

Liquids:

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

- 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 14 – 24Hrs/Day
			days per week
			other _____

- 7.5 Give full details of the method of discharge.

The HEP Scheme, operates as a peak operating Power Station, the Lake takes water from Waiaua River and then discharges via a 16M penstock to the Generator and out to the tailrace to the Tasman Sea.

The lake level is monitored and controls start and stop the generator between pre set levels and Peak times generally 7am to 12pm and 4pm to 9pm

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

When the Waiaua River has consistent flow the generator can run at a constant rate

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 penstock and generator has been engineered and installed in this location since 1922, the site was specifically used to allow for the maximum head. The Penstock and Generator was upgraded in 1996, the discharge from the lake is via a screen cleaner to ensure no large objects enter the intake tunnel.

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.

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

OR

New Consent/No monitoring data

8.3 Provide an assessment of the effects on the environment, including with particular reference to:

- the contaminants identified in Question 5.6
- any effects on soil
- any effects on groundwater
- any likely change in the colour or clarity of receiving water
- distance away that any effects are likely to be noticeable
- any erosion/scour effect of the discharge
- any effects on ecology, amenity or maori cultural values

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 \$

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	-	4	7	4	4	-	2		
------------------	---	---	---	---	---	---	---	---	---	---	--	--

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.)