

NOTIFICATION OF APPLICATIONS FOR NEW RESOURCE CONSENTS

The following applications for resource consents have been received by the Northland Regional Council and the Far North District Council and are hereby publicly notified pursuant to Section 95 of the Resource Management Act 1991.

APPLICATIONS MADE TO THE NORTHLAND REGIONAL COUNCIL

APPLICANT: Ngawha Generation Limited

ADDRESS FOR SERVICE: S Berry
Berry Simons Environmental Law
PO Box 3144, Shortland Street, Auckland 1140

LOCATION: Ngawha Springs

ACTIVITY: Replacement consents for the ongoing operation and maintenance of the existing 25 MW geothermal electricity generation Ngawha Power Station.
New consents for the expansion of the existing Ngawha Power Station by installing an additional nominal 50 MWe of geothermal electricity generation in stages through the addition of two further geothermal power stations the same as, or similar to, those already in use at Ngawha, plus any associated steam field works such as new pipelines, geothermal water storage dams and wells.

TYPE OF CONSENT: Various Water Permits, Discharge Permits and Land-use Consents associated with the following:

(a) Geothermal Fluid Takes, Injection, and Drilling

- Water Permit – To take and use geothermal fluid from bores in the Ngawha Geothermal Field at rates not exceeding 28,000,000 tonnes per year.
- Discharge Permit – To discharge geothermal fluid and water to the Ngawha underground geothermal resource by injection at rates not exceeding 28,000,000 tonnes per year plus up to 3,300,000 tonnes per year for make-up injection.
- Land Use Consent – To construct, maintain or alter any bore / well within Top Energy property.
- Discharge Permit – To discharge water and / or drilling fluids containing contaminants into underground strata.

(b) Geothermal Fluid Takes, Injection, and Drilling

- Water Permit – To take and use geothermal fluid from bores in the Ngawha Geothermal Field at rates not exceeding 28,000,000 tonnes per year.
- Discharge Permit – To discharge geothermal fluid and water to the Ngawha underground geothermal resource by injection at rates not exceeding 28,000,000 tonnes per year plus up to 3,300,000 tonnes per year for make-up injection.
- Land Use Consent – To construct, maintain or alter any bore / well within Top Energy property.
- Discharge Permit – To discharge water and / or drilling fluids containing contaminants into underground strata. Reclaim approximately 9,500 square metres (0.95 Ha) of the coastal marine area.

(c) Surface Water Takes, Dams and Reservoirs

- Water Permit – To take surface water at rates related to stream flow for drilling and makeup water purposes from the Mangamutu (Ngawha) Stream.
- Water Permit – To take surface water at rates related to stream flow for drilling and makeup water purposes from the Mangatawai Stream.
- Land Use Consent – To construct, operate and maintain water intake structures and associated weirs in the Mangamutu and Mangatawai Streams.
- Land Use Consent – To use and maintain an existing dam structure in an unnamed tributary of the Mangatawai Stream.
- Water Permit – To dam, divert and discharge water associated with the existing Mangatawai dam and reservoir in an unnamed tributary of the Mangatawai Stream.
- Water Permit – To take surface water from the existing storage reservoir on an unnamed tributary of the Mangatawai Stream.
- Land Use Consent – To construct, use and maintain a new dam structure in an unnamed tributary of the Mangatawai Stream.
- Water Permit – To dam, divert and discharge water in an unnamed tributary of the Mangatawai Stream.
- Water Permit – To take surface water from a new storage reservoir on an unnamed tributary of the Mangatawai Stream.
- Land Use Consent – To construct, use and maintain a new dam structure in an unnamed tributary of the Mangamutu (Ngawha) Stream.
- Water Permit – To dam, divert and discharge water in an unnamed tributary of the Mangamutu (Ngawha) Stream.
- Water Permit – To take surface water from a new storage reservoir on an unnamed tributary of the Mangamutu (Ngawha) Stream.
- Land Use Consent – To construct, use and maintain a new dam structure in an unnamed tributary of the Mangamutu (Ngawha) Stream.

- Water Permit – To dam, divert and discharge water in an unnamed tributary of the Mangamutu (Ngawha) Stream.
- Water Permit – To take surface water from a new storage reservoir on an unnamed tributary of the Mangamutu (Ngawha) Stream.
- Discharge Permit – To discharge water from take points on tributaries of the Mangamutu (Ngawha) and Mangatawai Streams into the existing and new reservoirs of the dams on unnamed tributaries of the Mangatawai and Mangamutu (Ngawha) Streams.

(d) Discharges to land and surface water

- Discharge Permit – To discharge water and / or drilling fluids containing contaminants onto land (including circumstances where they may enter groundwater and/or temporary non-flowing water) via soakage and sediment retention facilities.
 - Discharge Permit – To discharge solid wastes (bore / well workover waste, mud and cuttings from drilling, sludge from waste holding ponds, and sludge from the power stations) containing contaminants onto land (including circumstances where they may enter groundwater and/or temporary non-flowing water via soakage and sediment retention facilities).
 - Discharge Permit – To discharge water (including stormwater) containing contaminants to land and to tributaries of the Ngawha, Mangatawai, Matawhero, Taikawhena and Orauta Streams, at a maximum rate of up to 1,500 cubic metres per day.
 - Discharge Permit – To discharge stormwater associated with land disturbance activities onto land (including circumstances where they may enter groundwater and/or temporary non-flowing surface water via soakage and sediment retention facilities) and into tributaries of the Ngawha, Mangatawai, Matawhero, Taikawhena and Orauta Streams.
 - Discharge Permit – To discharge water, geothermal fluid and contaminants onto land (including in circumstances where they may enter groundwater and/or temporary non-flowing water via soakage and sediment retention facilities) as part of pipeline draining and other miscellaneous discharge activities associated with the construction and operation of the Ngawha Geothermal Development.
- (e) Discharges to Air**
- Air Permit – To discharge geothermal vapour and non-condensable gases to air from the construction, operation and maintenance of the existing and proposed Ngawha geothermal power stations and associated pipelines and bores / wells.

APPLICATION NO.: APP.036992.01.01

PROCESSING OFFICER: Glenn Mortimer, Consultant, telephone (09) 438 4616.

The application includes an assessment of environmental effects. The application may be inspected at the Northland Regional Council's offices at Whangarei, Kaitiāia, and Opua and the Far North District Council's offices at Kaikohe and the John Butler Centre, Kerikeri.

Any person may make a written submission on this application. The submission must be in the prescribed form (Form 13). Copies of this form are available from any of the Northland Regional Council's offices. Please ensure that your submission is **signed and dated** (a signature is not required if you make your submission by email). If you are a trade competitor, then your submission must not relate to trade competition.

If you wish to make a submission on the above application you must do so by serving it on the Northland Regional Council on or before **Wednesday, 18 March 2015**. There are a number of ways in which you may serve your submission (Note: the date that you complete any of these four actions is the date that you are deemed to have 'served' your submission and this must be done on or before **Wednesday, 18 March 2015**):

- You may hand deliver your submission to any of the following Northland Regional Council offices during office hours – these are located at:
 - 36 Water Street, Whāngārei;
 - 61B Victoria Street, Dargaville;
 - Unit 10, Ōpua Industrial Marine Park, Ōpua; and
 - 192 Commerce Street, Kaitiāia.
- You may post your submission to Private Bag 9021, Whāngārei Mail Centre, Whāngārei 0148.
- You may fax a copy of your submission to (09) 470 1202.
- You may email your submission to mailroom@nrc.govt.nz

You must serve a copy of your submission on the applicant (at the address for service, or applicant's email address stated above) as soon as reasonably practicable after serving your submission on the Northland Regional Council.

APPLICATION MADE TO THE FAR NORTH DISTRICT COUNCIL

APPLICANT: Ngawha Generation Limited

ADDRESS FOR SERVICE: S Berry
Berry Simons Environmental Law
PO Box 3144, Shortland Street, Auckland 1140

LOCATION: Ngawha Springs

ACTIVITY: To construct, operate, and maintain geothermal power stations along with ancillary activities and structures associated with the power stations. The consent is required in terms of Rule 12.9.6.3 (An activity related to the use and development of renewable energy) of the Far North District Plan with the proposal also exceeding other permitted activity standards including those for excavation / filling, vegetation clearance, and setback from water bodies for the proposed roads and pipelines. The specific components of the application include:

- To construct, operate and maintain a proposed Geothermal Power Station to be known as OEC 4, generally located adjacent to the existing OEC 3 station.
- To construct, operate and maintain a proposed Geothermal Power Station to be known as OEC 5, generally located approximately 1.2 km north east of the existing OEC 3 station.
- To authorise all ancillary activities and structures ancillary to or associated with the construction, operation and maintenance of OEC 4 and OEC5, including storage and use of hazardous substances, geothermal pipelines on land owned by Ngawha Generation Limited (and therefore not subject to the NOR), transmission lines and roads including associated earthworks and vegetation removal.

- To authorise any earthworks on land which may constitute a HAIL site under the Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011.

This Land Use Consent should be read in conjunction with Resource Consents lodged with the Northland Regional Council and the Notice of Requirement lodged with the Far North District Council.

APPLICATION NO.: RC 2150210

PROCESSING OFFICER: Wayne Smith, Senior Resource Consents Planner, telephone (0800) 920 029

The application includes an assessment of environmental effects. The application may be inspected at the Far North District Council's offices at Kaikohe and the John Butler Centre, Kerikeri, and the Northland Regional Council's offices at Whangarei, Kaitiāia, and Opua.

Any person may make a written submission on this application to the Far North District Council. The submission must be in the prescribed form (Form 13). Copies of this form are available from any of the Far North District Council's offices. Please ensure that your submission is **signed and dated** (a signature is not required if you make your submission by email). If you are a trade competitor, then your submission must not relate to trade competition.

You may make a submission by delivering it to any of the Far North District Council's office or service centres during office hours; posting it to: Private Bag 752, Kaikohe 0440; faxing it to (09) 401 2137; or emailing it to ask.us@fndc.govt.nz, so that it is received by the Far North District Council on or before **Wednesday, 18 March 2015**. You must also serve a copy of your submission on the applicant (at the address for service, or by email stated above) as soon as reasonably practicable after serving your submission on the Far North District Council.