



Ministry for the
Environment
Manatū Mō Te Taiao

Contact Energy Limited Te Mihi Geothermal Power Station Project

**Summary of Submissions
April 2008**

Prepared by
Project Manager for the Board of Inquiry, Geothermal Power Station Proposal

Published in April 2008 by the
Ministry for the Environment
Manatū Mō Te Taiao
PO Box 10362, Wellington, New Zealand

ISBN: 978-0-478-30227-1

Publication number: ME 874

This document is available on the Ministry for the Environment's website:
www.mfe.govt.nz



Ministry for the
Environment
Manatū Mō Te Taiao

Contents

1	Introduction	1
2	Status of Submissions	3
2.1	Submitters' position	3
2.2	Hearing of submitters	3
3	Submission Details	4
3.1	Submitters' geographic location	4
3.2	Scope of submissions	4
4	Reasons for Submissions	5
4.1	Impact on environment	6
4.2	Impact on residents / cultural impact	7
4.3	Geothermal system	8
4.4	Policies / plans and consents	9
4.5	National energy portfolio	9
5	Decisions Sought	10
5.1	Approve application	10
5.2	Compensation for loss of property value	11
5.3	Decline application	11
5.4	Specific issues to be mitigated	12
5.5	Other decisions sought	13
6	List of Submissions	14
7	Appendix	15

Tables

Table 1:	Status of submissions	15
Table 2:	Submission details	16
Table 3:	Reasons for submissions	17
Table 4:	Summary of decisions sought	18
Table 5:	List of submissions	21

1 Introduction

Contact Energy Limited is proposing to build a new geothermal power station in the Wairakei-Tauhara Geothermal Field in an area known as 'Te Mihi' near Taupo.

The proposal will involve a number of associated activities including a new transmission line, a new switchyard, air discharges, and discharges to land and groundwater.

The resource consents applied for are listed below.

In January 2008 the Minister for the Environment, Hon Trevor Mallard called in the matters relating to Contact's Te Mihi geothermal power station proposal, under section 141B of the Resource Management Act 1991, and referred the matters to a Board of Inquiry.

The resource consent applications for the Te Mihi proposal were publicly notified by the Minister on the 9 February 2008 and submissions called for. Receipt of submissions closed at 5.00pm on Friday 7 March 2008.

The Minister received 24 submissions on Contact's Te Mihi proposal. In accordance with the Resource Management Act, submissions were provided to the Board of Inquiry.

This document provides a summary of the submissions received on Contact's Te Mihi proposal. The full submissions are available as PDF files on the Ministry for the Environment's website.

Taupo District Council

Application No. RM 070304: To construct, operate and maintain all structures and facilities associated with a geothermal power station on the Wairakei-Tauhara Geothermal System and including all ancillary equipment, except the new switchyard and 220kV transmission line equipment described in separate but associated land-use consent applications.

Application No. RM 070305: To construct, operate and maintain a new switchyard associated with, and adjacent to a new geothermal power station.

Application No. RM 070299: To construct, operate and maintain a 220kV transmission line, associated support structures, equipment and facilities, associated with a new geothermal power station on the Wairakei-Tauhara Geothermal System, including realignment of a section of the existing Poihipi Road Power Station transmission line and modification works necessary to enable connection of the new line to the existing Wairakei-Whakamaru B transmission line.

Environment Waikato

Discharges to land and groundwater

Application No. WRC 116786: Discharge Permit to discharge up to 95 kilotonnes per day of geothermal water, steam condensate, cooling water blow-down, suspended material, and added chemicals into land and underground water through reinjection wells within the Wairakei-Tauhara Geothermal System (the area within the yellow boundary shown on Plan 124922-RC01 but excluding the yellow hatched areas).

Application No. WRC 116787: Discharge Permit to discharge by irrigation up to 6,500 tonnes per day of cooling water blow-down and condensate onto land (and any seepage into underground water).

Application No. WRC 116788: Discharge Permit to discharge up to 50 cubic metres per day of water including contaminants and sewage into land and underground water through septic tanks and associated soakage facilities.

Discharges to air

Application No. WRC 116789: Discharge permit to discharge contaminants to air from a geothermal power station and associated structures.

Application No. WRC 116790: Discharge permit to discharge contaminants to air from the Poihipi Road Geothermal Power Station and associated structures including geothermal wells, pipelines and geothermal steamfield equipment, to commence on 1 January 2012.

Application No. WRC 116791: Discharge permit to discharge contaminants to air from geothermal wells, flash plants, pipelines and all associated geothermal steamfield equipment within the Wairakei-Tauhara Geothermal System.

2 Status of Submissions

The stated position of each of the 24 submitters is provided in Table 1 in the appendix. Table 1 outlines each submitter's position on the proposal and if they wished to be heard at the hearing in support of their submission.

Further summary information is provided in sections 2.1 and 2.2 below.

2.1 Submitters' position

The position of the submissions received on the proposal is shown in the table below.

Position	No. of submissions	Percentage
Support	3	12.5%
Neutral	8	33.35%
Oppose	6	25%
Mixed	5	20.8%
Not stated	2	8.35%
Total	24	100%

2.2 Hearing of submitters

Of the 24 submissions received, 16 (66.7%) wish to be heard.

3 Submission Details

Table 2 in the appendix outlines further administrative details of the submissions and is sorted by geographical information of the submitters. A further breakdown of this information is provided in sections 3.1 and 3.2 below.

3.1 Submitters' geographic location

The geographical information on submissions received is shown in the table below.

District	No. of submissions	Percentage
Auckland	1	4.15%
Waikato	4	16.7%
Rotorua	1	4.15%
Taupo	14	58.3%
Wellington	4	16.7%
Total	24	100%

3.2 Scope of submissions

Submissions were categorised by their scope and if they covered the entire range of applications or focused on specific aspects of the application. As shown by the table below the majority of the submissions were on all of the applications.

	No. of submissions	Percentage
Entire applications	22	91.7%
Specific aspects	2	8.3%
Total	24	100%

4 Reasons for Submissions

To help assess the reasons for submissions a number of broad categories were created. The five categories used are defined in the table below.

Category	Definition
Impact on environment	Includes impacts on natural and physical resources, such as ground and surface water. Includes impacts on roading.
Impact on residents / cultural impacts	Impacts on residents such as amenity, noise, visual, odour, water supply and property value. Cultural impacts. Wider subsidence issues also included.
Geothermal system	Impacts on the geothermal system. Includes any recommendations that affect the geothermal system, such as reinjection.
Policies / RMA and consents	Impacts on any relevant policies and plans such as local council plans and national policies. Impacts on existing consent holders. Includes references to climate change impacts.
National energy portfolio	Includes security of national supply. Replacing outdated technology with more advanced methods.

Table 3 in the appendix outlines the submission categories for each submission. Note that each submitter may have more than one reason for their submission, as seen in Table 3.

Inclusion in each category means that some aspect of the submission is relevant to that category, but does not mean that the submission covers all of the issues within that category as defined above.

Summary information is provided in the table below.

Submission topic	No. of submissions	Percentage
Impact on environment	14	58.3%
Impact on residents / cultural impacts	12	50%
Geothermal system	5	20.8%
Policies / plans and consents	7	29.2%
National energy portfolio	5	20.8%

Note as each submission can fall under more than one category the percentages represent the percentage that each category is mentioned out of the 24 submissions (ie, 58.3% of the 24 submissions included impact on the environment as a reason for making a submission).

Further information on the submissions within each of the five categories is provided in sections 4.1 to 4.5 below. In addition, Table 5 in the appendix provides additional summary information of the reason stated in each submission.

4.1 Impact on environment

Fourteen submissions were received that outlined possible impacts on the environment as a reason for making the submission.

Submission no.	Submitter	Summary of reasons
24	Birdsall, Anthony and Koster, Linda (NS/Y)	Risk of groundwater contamination, H ₂ S increase.
9	Department of Conservation (N/N)	Supports decreasing discharge to Waikato River.
7	Fish & Game NZ, Eastern Region (S/N)	No fisheries or game bird resources or their habitat will be adversely affected.
19	Geotherm Group Ltd (M/Y)	To ensure adverse impacts on the Geotherm Project are avoided, remedied or mitigated. Issues include combined discharges to air.
18	Houghton, Mr Ray (O/Y)	Cumulative effect of air discharge.
1	Macphal, Ms Sarah; Campbell, Mr Ian (O/N)	Impact on environment. (No clarification provided.)
10	McGrath JJ and JM and Family (M/Y)	Discharges to air will cause unacceptable pollution.
15	McLachlan, Mr Alistair, McLachlan, Ms Ava Marie; MacPower Ltd (M/Y)	Wish to ensure there are no adverse cumulative effects with other existing and consented uses including Geotherm, such as cumulative air emissions.
22	Tauhara North 3B Trust (M/Y)	Concerned about discharge of contaminants and waste water onto land and into the aquifers linked to Taupo nui a Tia and effects on surface features.
17	Taupo District Council (N/Y)	Board to give regard to environmental effects on local and wider environment, including continued discharge to the Waikato River.
14	Te Kapa o Te Rangiita ki Oruanui (N/Y)	Clarify issues in consent applications not resolved in pre-consultation process. Issues include integrity of groundwater.
11	Transit New Zealand, Hamilton Regional Office (O/Y)	The transportation assessment prepared does not offer appropriate conditions to avoid, remedy or mitigate the traffic effects at the Poihipi Rd/SH1 intersection if construction traffic uses the intersection.
16	Tuwharetoa Maori Trust Board (N/Y)	Clarify issues in consent applications not resolved in pre-consultation process. Issues include integrity of groundwater.
20	Waikato Raupatu Trustee Company Ltd (Tainui) (NS/Y)	Concerns with discharges of geothermal fluids into the river. Irrigation of condensate to pasture may lead to additional nitrogen run-off to the River causing algal blooms. Algal blooms directly impact the relationship of Waikato-Tainui with the River.

Note: Brackets show the submitters' position – (position/heard).

Key: Position is: S – Support; O – Oppose; N – Neutral; M – Mixed; NS – Not stated
 Heard is: Y – Yes or N – No.

4.2 Impact on residents / cultural impact

Twelve submissions were received that outlined impacts on neighbouring residents or cultural impacts as reasons for making the submission.

Submission no.	Submitter	Summary of reasons
24	Birdsall, Mr Anthony, and Koster, Mrs Linda (NS/Y)	Devaluation of property, visual impact and noise.
8	Dutton Price, Miss Lynley; Dutton Price, Miss Alison (O/N)	Devaluation of property, visual impact, noise, smell and possible seepage into their groundwater supply.
13	Ellery, Mr Grant and Mrs Francis (O/Y)	Loss of value. Construction noise and dust. Proximity of station to neighbours. Possible spring water contamination. Lack of consultation.
5	Hansen, Mr Graham and Mrs Isobel (O/N)	Construction and operation noise effects disrupt rural quiet. Loss of property value. Work already started.
18	Houghton, Mr Ray (O/Y)	Steam discharge affects rural landscape. Adverse traffic effects and safety concerns. Cumulative odour. Reverse sensitivity for future development.
1	Macphal, Ms Sarah; Campbell, Mr Ian (O/N)	Loss of value to property.
22	Tauhara North 3B Trust (M/Y)	Rights of Nga hapu o Ngati Tuwharetoa. Key feature of the Treaty of Waitangi claims concerned dispossession and loss of rangatiratanga over the geothermal resource, degradation of geothermal taonga and exclusion from use and development of the resource. Waitangi Tribunals report He Maunga Rongo: Report on Central North Island Claims important findings.
17	Taupo District Council (N/Y)	Board to give regard to local and wider environmental effects, including traffic, earthworks, visual, noise, hazardous substances, natural hazards, cultural and cumulative effects. Infield injection is required to stop current and prevent future subsidence.
14	Te Kapa o Te Rangiita ki Oruanui (N/Y)	Clarify issues in consent applications that were not resolved in pre-consultation process. Issues include staged reinjection, impacts on taonga, impacts on sites of significance in the cultural impact assessment and ability to exercise their relationship with their taonga.
16	Tuwharetoa Maori Trust Board (N/Y)	Clarify issues in consent applications that were not resolved in pre-consultation process. Issues include staged reinjection impacts on taonga, impacts on sites of significance in the cultural impact assessment and ability to exercise their relationship with their taonga.
2	Vanner, Mr Brett and Mrs Heather (N/N)	Construction of structures and potential for visible structures (such as pipes) to devalue property.
20	Waikato Raupatu Trustee Company Ltd (Tainui) (NS/Y)	Ensure consents if granted and other associated and varied consents are consistent with the Waikato River Settlement and re-aligned with its outcomes and objectives.

Note: Brackets show the submitters' position – (position/heard).

Key: Position is: S – Support; O – Oppose; N – Neutral; M – Mixed; NS – Not stated
Heard is: Y – Yes or N – No.

4.3 Geothermal system

Five submissions were received that included impacts on the geothermal systems as reasons for making the submission.

Submission no.	Submitter	Summary of reasons
4	Environment Waikato (N/Y)	Promote consistency with Council's geothermal policies and existing consents to ensure sustainable and efficient use of the geothermal resource.
19	Geotherm Group Ltd (M/Y)	Opposes any aspect of the project that adversely impacts on the Geotherm Project. Mentions reinjection sites and surrounding significant geothermal features.
10	McGrath, JJ and JM and Family (M/Y)	Reinjection should be to well or bores into the subterranean formations of same system as geothermal waters taken from. Refers to definition of geothermal systems by Judge Whiting.
15	McLachlan, Mr Alistair; McLachlan, Ms Ava Marie; MacPower Ltd (M/Y)	Wish to ensure Geotherm Group can exercise its consents and to ensure there are no adverse cumulative effects with other existing and consented uses, such as potential for reinjection to cause constraints on consented reinjection.
22	Tauhara North 3B Trust (M/Y)	Rights of Nga hapu o Ngati Tuwharetoa. Key feature of the Treaty of Waitangi claims concerned dispossession and loss of rangatiratanga over the geothermal resource, degradation of geothermal taonga and exclusion from use and development of the resource.

Note: Brackets show the submitters' position – (position/heard).

Key: Position is: S – Support; O – Oppose; N – Neutral; M – Mixed; NS – Not stated
 Heard is: Y – Yes or N – No.

4.4 Policies / plans and consents

Seven submissions were received that mentioned impacts on policies, plans or consent issues as reasons for making the submission.

Submission no.	Submitter	Summary of reasons
12	Energy Efficiency and Conservation Authority (S/Y)	Proposal is consistent with sustainable energy policies and strategies.
4	Environment Waikato (N/Y)	Promote consistency with Council's geothermal policies and existing consents. Have policy to manage system as an integrated whole.
19	Geotherm Group Ltd (M/Y)	Opposes any aspect of the project that adversely impacts on the Geotherm Project including existing Geotherm consents, and export to national grid.
21	Major Electricity Users' Group (N/N)	Call-in was unwarranted. Kyoto Protocol obligations, 90% renewable target and size are not sufficient reasons to call it in.
15	McLachlan, Mr Alistair; McLachlan, Ms Ava Marie; MacPower Ltd (M/Y)	Wish to protect Geotherm Group consents and to ensure consistency and no adverse impacts on exercising of existing consents.
6	Ministry of Economic Development (S/Y)	Contribution project will make to achieve the Government's energy policies and objectives.
17	Taupo District Council (N/Y)	Ensure that assessment of the application considers objectives and policies of the District Plan.

Note: Brackets show the submitters' position – (position/heard).

Key: Position is: S – Support; O – Oppose; N – Neutral; M – Mixed; NS – Not stated
Heard is: Y – Yes or N – No.

4.5 National energy portfolio

Five submissions were received that included impacts on the national energy portfolio as reasons for making the submission.

Submission no.	Submitter	Summary of reasons
9	Department of Conservation (N/N)	Supports use of more advanced technologies (deep reinjection) over existing Wairakei Station.
12	Energy Efficiency and Conservation Authority (S/Y)	Result in nationally significant benefits due to contribution to 90% renewable energy target, security of supply, and positive effect on climate change.
7	Fish & Game NZ, Eastern Region (S/N)	Alternatives to hydro generation should be promoted.
6	Ministry of Economic Development (S/Y)	Offers national benefits by making use of viable and renewable energy source, security of supply and avoiding greenhouse gas emissions.
3	Wind Farm Developments (Australia) Ltd (N/Y)	Not clear that any adverse effects on the Hawke's Bay wind farm project are satisfactorily avoided, remedied or mitigated. Contribution to national benefits will be reduced or not applicable if constrains output from the Hawke's Bay wind farm project.

Note: Brackets show the submitters' position – (position/heard).

Key: Position is: S – Support; O – Oppose; N – Neutral; M – Mixed; NS – Not stated
Heard is: Y – Yes or N – No.

5 Decisions Sought

Table 4 in the appendix outlines the summary of decisions sought from each submission. Five categories were used to broadly summarise the decisions sought by the submissions.

Decision sought	No. of submissions	Percentage
Approve application	3	12.5%
Compensation for loss of property value	3	12.5%
Decline application	2	8.3%
Specific issues to be mitigated	12	50%
Other	4	16.7%
Total	24	100%

Further information on each of the five categories is provided in sections 5.1 to 5.5.

5.1 Approve application

Three submitters (one implied) indicated they wish the applications to be approved in their entirety.

Submission no.	Submitter	Summary of reasoning
12	Energy Efficiency and Conservation Authority (S/Y)	Supports diverse electricity generation capacity to meet increasing demand.
7	Fish & Game NZ, Eastern Region (implied) (S/N)	Support development of diverse renewable energy (not just hydro). No fisheries or game bird resources will be affected.
6	Ministry of Economic Development (S/Y)	National benefits by using viable and renewable energy source, security of supply and reducing greenhouse gas emissions.

Note: Brackets show the submitters' position – (position/heard).

Key: Position is: S – Support; O – Oppose; N – Neutral; M – Mixed; NS – Not stated
 Heard is: Y – Yes or N – No.

5.2 Compensation for loss of property value

Three submitters indicated the need for compensation for the loss of property value and rural amenity and lifestyle.

Submission no.	Submitter	Summary of reasoning
8	Dutton Price, Miss Lynley; Dutton Price, Miss Alison (O/N)	Loss of lifestyle and devaluation in property.
13	Ellery, Mr Grant and Mrs Francis (O/Y)	Disruption and loss of property value. Request shelter belt to screen plant and noise. Provision of alternative water supply if water gets contaminated.
5	Hansen, Mr Graham and Mrs Isobel (O/N)	Construction noise disruption to lives and property value.

Note: Brackets show the submitters' position – (position/heard).

Key: Position is: S – Support; O – Oppose; N – Neutral; M – Mixed; NS – Not stated
Heard is: Y – Yes or N – No.

5.3 Decline application

Two submitters indicated they wish the entire applications to be declined.

Submission no.	Submitter	Summary of reasoning/decision sought
18	Houghton, Mr Ray (O/Y)	Adversely affect the landscape and amenity values. Increase of traffic on the SH1 and Poihipi intersection and compromise safety. Odour and reverse sensitivity issues. If consent granted then applicant should be required to mitigate traffic effects at intersection. Change to intersection layout.
11	Transit New Zealand, Hamilton Regional Office (O/Y)	Poihipi Road/SH1 intersection has known safety and capacity issues. Proposal does not offer appropriate conditions to avoid, remedy or mitigate the traffic effects. If consent granted then require upgrade to intersection or divert construction traffic.

Note: Brackets show the submitters' position – (position/heard).

Key: Position is: S – Support; O – Oppose; N – Neutral; M – Mixed; NS – Not stated
Heard is: Y – Yes or N – No.

5.4 Specific issues to be mitigated

Twelve submitters detailed specific issues they wish to have mitigated and/or addressed.

Submission no.	Submitter	Summary of reasoning/decision sought
24	Birdsall, Mr Anthony, and Koster, Mrs Linda (NS/Y)	Monitoring of groundwater and Contact to provide water supply if contaminated. Locate station on eastern boundary. Structures screened.
4	Environment Waikato (N/Y)	Consents should be consistent with council geothermal policy and existing consents.
19	Geotherm Group Ltd (M/Y)	Inclusion of conditions to ensure adverse impacts on the Geotherm Project are avoided, remedied or mitigated. Issues include reinjection sites, combined H ₂ S and noise emissions, geothermal features and export to national grid.
10	McGrath, JJ and JM and Family (M/Y)	Reinjection into same geothermal system. Confine operations to area stated.
15	McLachlan, Mr Alistair; McLachlan, Ms Ava Marie; MacPower Ltd (M/Y)	Inclusion of conditions to ensure does not impact on the Geotherm Project. Issues include cumulative air and noise emissions, reinjection of geothermal fluids, transmission capacity, impacts on existing consent holders, extension of land area and recent drilling of a new well.
22	Tauhara North 3B Trust (M/Y)	Consultation and regular updates on reinjection plans and monitoring adjacent to interests of the Trust.
17	Taupo District Council (N/Y)	Conditions on traffic, earthworks, visual, noise, hazardous substances, natural hazards, cultural and cumulative effects. The 6,500 tpd of cooling water blowdown and condensate onto land should instead be reinjected.
14	Te Kapa o Te Rangiiti ki Oruanui (N/Y)	Clarify issues not resolved in pre-consultation process. Issues include staged reinjection impacts on taonga, groundwater integrity, impacts on sites of significance in the CIA and ability to exercise their relationship with their taonga. Pre-hearing meeting requested and decision on hold until it occurs.
16	Tuwharetoa Maori Trust Board (N/Y)	Clarify issues not resolved in pre-consultation process. Issues include staged reinjection impacts on taonga, groundwater integrity, impacts on sites of significance in the CIA and ability to exercise their relationship with their taonga. Pre-hearing meeting requested and decision on-hold until it occurs.
2	Vanner, Mr Brett and Mrs Heather (N/N)	Give careful consideration to construction of visible structures and consider burying pipes.
20	Waikato Raupatu Trustee Company Ltd (Tainui) (NS/Y)	Include condition to ensure that within 12 months of the Crown settling any claim under the provisions of the Treaty of Waitangi Act (1975) the consent holder will review conditions of the consent to ensure consent is in alignment with the provisions of any such settled claim.
3	Wind Farm Developments (Australia) Ltd (N/Y)	Require condition ensuring project shall not result in the loss of generation from any existing or approved renewable generation projects as at the 7/03/08.

Note: Brackets show the submitters' position – (position/heard).

Key: Position is: S – Support; O – Oppose; N – Neutral; M – Mixed; NS – Not stated
 Heard is: Y – Yes or N – No.

5.5 Other decisions sought

Four submitters did not fall into any of the above categories and are listed below.

Submission no.	Submitter	Summary of decision sought
9	Department of Conservation (N/N)	Supports efforts to decrease discharge to the Waikato River. No relief sought.
1	Macphal, Ms Sarah; Campbell, Mr Ian (O/N)	None stated.
21	Major Electricity Users' Group (N/N)	Request Board give little weight to reasons for Minister calling in the proposal.
23	Toyota, Anna and Karz (M/N)	None stated.

Note: Brackets show the submitters' position – (position/heard).

Key: Position is: S – Support; O – Oppose; N – Neutral; M – Mixed; NS – Not stated
 Heard is: Y – Yes or N – No.

6 List of Submissions

Table 5 in the appendix gives an overall summary of each submission, sorted alphabetically.

7 Appendix

Table 1: Status of submissions

Submission no.	Submitter	Position					Heard	
		Support	Oppose	Neutral	Mixed	Not stated	Yes	No
24	Birdsall, Mr Anthony and Koster, Mrs Linda					Yes	Yes	
9	Department of Conservation			Yes				No
8	Dutton Price, Miss Lynley; Dutton Price, Miss Alison		Yes					No
13	Ellery, Mr Grant and Mrs Francis		Yes				Yes	
12	Energy Efficiency and Conservation Authority	Yes					Yes	
4	Environment Waikato			Yes			Yes	
7	Fish & Game NZ, Eastern Region	Yes						No
19	Geotherm Group Ltd				Yes		Yes	
5	Hansen, Mr Graham and Mrs Isobel		Yes					No
18	Houghton, Mr Ray		Yes				Yes	
1	Macphal, Ms Sarah; Campbell, Mr Ian		Yes					No
21	Major Electricity Users' Group			Yes				No
10	McGrath, JJ and JM and Family				Yes		Yes	
15	McLachlan, Mr Alistair; McLachlan, Ms Ava Marie; MacPower Limited				Yes		Yes	
6	Ministry of Economic Development	Yes					Yes	
22	Tauhara North 3B Trust				Yes		Yes	
17	Taupo District Council			Yes			Yes	
14	Te Kapa o Te Rangiita ki Oruanui			Yes			Yes	
23	Toyota, Anna and Karz				Yes			No
11	Transit New Zealand, Hamilton Regional Office		Yes				Yes	
16	Tuwharetoa Maori Trust Board			Yes			Yes	
2	Vanner, Mr Brett and Mrs Heather			Yes				No
20	Waikato Raupatu Trustee Company Ltd (Tainui)					Yes	Yes	
3	Wind Farm Developments (Australia) Ltd			Yes			Yes	
	Total	3	6	8	5	2	16	8
	Percentage	12.5%	25.0%	33.3%	20.8%	8.3%	66.7%	33.3%

Table 2: Submission details

Submission no.	Submitter	Location	Entire / part application	Further details provided?	Position	Heard
19	Geotherm Group Ltd	Auckland	Entire	Yes	Mixed	Yes
Auckland District total		1				
4	Environment Waikato	Hamilton	EW only	Yes	Neutral	Yes
11	Transit New Zealand, Hamilton Regional Office	Hamilton	Entire	Yes	Oppose	Yes
15	McLachlan, Mr Alistair; McLachlan, Ms Ava Marie; MacPower Ltd	Hamilton	Entire	Yes	Mixed	Yes
20	Waikato Raupatu Trustee Company Ltd (Tainui)	Ngaruawahia	Entire	Yes	Not stated	Yes
Waikato District total		4				
7	Fish & Game NZ, Eastern Region	Rotorua	Entire	Yes	Support	No
Rotorua District total		1				
1	Macphal, Ms Sarah; Campbell, Mr Ian	Taupo	Entire	No	Oppose	No
2	Vanner, Mr Brett and Mrs Heather	Taupo	TDC only	Yes	Neutral	No
5	Hansen, Mr Graham and Mrs Isobel	Taupo	Entire	Yes	Oppose	No
8	Dutton Price, Miss Lynley; Dutton Price, Miss Alison	Taupo	Entire	No	Oppose	No
10	McGrath, JJ and JM. and Family	Taupo	Entire	Yes	Mixed	Yes
13	Ellery, Mr Grant and Mrs Francis	Taupo	Entire	Yes	Oppose	Yes
14	Te Kapa o Te Rangiiti ki Oruanui	Taupo	Entire	Yes	Neutral	Yes
17	Taupo District Council	Taupo	Entire	Yes	Neutral	Yes
18	Houghton, Mr Ray	Taupo	Entire	Yes	Oppose	Yes
22	Tauhara North 3B Trust	Taupo	Entire	Yes	Mixed	Yes
23	Toyota, Anna and Karz	Taupo	Entire	No	Mixed	No
24	Birdsall, Mr Anthony and Koster, Mrs Linda	Taupo	Entire	No	Not stated	Yes
9	Department of Conservation	Turangi	Entire	Yes	Neutral	No
16	Tuwharetoa Maori Trust Board	Turangi	Entire	Yes	Neutral	Yes
Taupo District total		14				
3	Wind Farm Developments (Australia) Ltd	Wellington	Entire	Yes	Neutral	Yes
6	Ministry of Economic Development	Wellington	Entire	Yes	Support	Yes
12	Energy Efficiency and Conservation Authority	Wellington	Entire	Yes	Support	Yes
21	Major Electricity Users' Group	Wellington	Entire	Yes	Neutral	No
Wellington District total		4				

Table 3: Reasons for submissions

Submission no.	Submitter	Position	Impact on environment	Impact on residents / cultural impacts	Geothermal system	Policies / plans and consents	National energy portfolio
24	Birdsall, Mr Anthony and Koster, Mrs Linda	Not stated	Yes	Yes			
9	Department of Conservation	Neutral	Yes				Yes
8	Dutton Price, Miss Lynley; Dutton Price, Miss Alison	Oppose		Yes			
13	Ellery, Mr Grant and Mrs Francis	Oppose		Yes			
12	Energy Efficiency and Conservation Authority	Support				Yes	Yes
4	Environment Waikato	Neutral			Yes	Yes	
7	Fish & Game NZ, Eastern Region	Support	Yes				Yes
19	Geotherm Group Ltd	Mixed	Yes		Yes	Yes	
5	Hansen, Mr Graham and Mrs Isobel	Oppose		Yes			
18	Houghton, Mr Ray	Oppose	Yes	Yes			
1	Macphal, Ms Sarah; Campbell, Mr Ian	Oppose	Yes	Yes			
21	Major Electricity Users' Group	Neutral				Yes	
10	McGrath, JJ and JM and Family	Mixed	Yes		Yes		
15	McLachlan, Mr Alistair; McLachlan, Ms Ava Marie; MacPower Ltd	Mixed	Yes		Yes	Yes	
6	Ministry of Economic Development	Support				Yes	Yes
22	Tauhara North 3B Trust	Mixed	Yes	Yes	Yes		
17	Taupo District Council	Neutral	Yes	Yes		Yes	
14	Te Kapa o Te Rangiita ki Oruanui	Neutral	Yes	Yes			
23	Toyota, Anna and Karz	Mixed					
11	Transit New Zealand, Hamilton Regional Office	Oppose	Yes				
16	Tuwharetoa Maori Trust Board	Neutral	Yes	Yes			
2	Vanner, Mr Brett and Mrs Heather	Neutral		Yes			
20	Waikato Raupatu Trustee Company Ltd (Tainui)	Not stated	Yes	Yes			
3	Wind Farm Developments (Australia) Ltd	Neutral					Yes
	Total		14	12	5	7	5
	Percentage (of each topic in the total number of submissions)		58.3%	50.0%	20.8%	29.2%	20.8%

Table 4: Summary of decisions sought

Submission no.	Submitter	Position	Approve application	Compensation for loss of property value	Decline application	Specific issues to be mitigated	Other	Comments
24	Birdsall, Mr Anthony and Koster, Mrs Linda	Not stated				Yes		Monitoring of groundwater and Contact to provide water if contaminated. Locate station on Eastern boundary. Structures screened.
9	Department of Conservation	Neutral					Yes	Supports efforts to decrease discharge to the Waikato River. No relief sought.
8	Dutton Price, Miss Lynley; Dutton Price, Miss Alison	Oppose		Yes				
13	Ellery, Mr Grant and Mrs Francis	Oppose		Yes				Shelter belt to screen plant and noise. Provision of alternative water supply if contaminated.
12	Energy Efficiency and Conservation Authority	Support	Yes					
4	Environment Waikato	Neutral				Yes		Consents should be consistent with Council geothermal policy and existing consents.
7	Fish & Game NZ, Eastern Region	Support	Yes (implied)					
19	Geotherm Group Ltd	Mixed				Yes		Inclusion of conditions to ensure adverse impacts on the Geotherm Project are avoided, remedied or mitigated. Issues include reinjection sites, combined H ₂ S and noise emissions, geothermal features and export to national grid.
5	Hansen, Mr Graham and Mrs Isobel	Oppose		Yes				Alternatively if granted applicant should be required to mitigate the traffic effects at the intersection. Change to intersection layout is required.
18	Houghton, Mr Ray	Oppose			Yes			
1	Macphal, Ms Sarah; Campbell, Mr Ian	Oppose					Yes	None stated.
21	Major Electricity Users' Group	Neutral					Yes	Request Board give little weight to reasons for Minister calling in the proposal.

Submission no.	Submitter	Position	Approve application	Compensation for loss of property value	Decline application	Specific issues to be mitigated	Other	Comments
10	McGrath, JJ and JM and Family	Mixed				Yes		Reinjection into same geothermal system. Confine operations to area stated.
15	McLachlan, Mr Alistair; McLachlan, Ms Ava Marie; MacPower Ltd	Mixed				Yes		Inclusion of conditions to ensure no impact on the Geotherm project. Issues include cumulative air and noise emissions, reinjection of geothermal fluids, transmission capacity, impacts on existing consent holders, extension of land area and recent drilling of a new well.
6	Ministry of Economic Development	Support	Yes					Approve application for land-use consent.
22	Tauhara North 3B Trust	Mixed				Yes		Consultation, communication and regular updates on reinjection plans and monitoring adjacent to interests of the Trust.
17	Taupo District Council	Neutral				Yes		Conditions on traffic, earthworks, visual, noise, hazardous substances, natural hazards, cultural and cumulative effects. The 6,500 tpd cooling water blowdown and condensate onto land should be reinjected.
14	Te Kapa o Te Rangitihi ki Oruanui	Neutral				Yes		Clarify issues not resolved in pre-consultation process. Issues include staged reinjection impacts on taonga, groundwater integrity, impacts on sites of significance in the cultural impact assessment and ability to exercise their relationship with their taonga. Pre-hearing meeting requested and decision on hold.
23	Toyota, Anna and Karz	Mixed					Yes	None stated.
11	Transit New Zealand, Hamilton Regional Office	Oppose			Yes			Alternatively upgrade road or divert construction traffic.

Submission no.	Submitter	Position	Approve application	Compensation for loss of property value	Decline application	Specific issues to be mitigated	Other	Comments
16	Tuwharetoa Maori Trust Board	Neutral				Yes		Clarify issues not resolved in pre-consultation process. Issues include staged reinjection impacts on taonga, groundwater integrity, impacts on sites of significance in the cultural impact assessment and ability to exercise their relationship with their taonga. Pre-hearing meeting requested and decision on hold.
2	Vanner, Mr Brett and Mrs Heather	Neutral				Yes		Give careful consideration to construction of visible structures and consider burying pipes.
20	Waikato Raupatu Trustee Company Ltd (Tainui)	Not stated				Yes		Include a condition to ensure that within 12 months of the Crown settling any claim made under the provisions of the Treaty of Waitangi Act (1975) the consent holder will review conditions of the consent to ensure consent is in alignment with the provisions of any such settled claim.
3	Wind Farm Developments (Australia) Ltd	Neutral				Yes		Require condition ensuring project shall not result in the loss of generation from any existing or approved renewable generation projects as at the 7/03/08.
	Total		3	3	2	12	4	
	Percentage		12.5%	12.5%	8.3%	50.0%	16.7%	

Table 5: List of submissions

Submission no.	Submitter	Position / heard	Reason	Relief sought
24	Birdsall, Mr Anthony and Koster, Mrs Linda	Not stated Wish to be heard	Risk of groundwater contamination. Devaluation of property. Visual impact and noise. H ₂ S increase.	Local groundwater bores monitored with Contact to supply water if contaminated. Station relocated to eastern boundary. Structures screened – banks/tree planting.
9	Department of Conservation	Neutral Do not wish to be heard	Supports resulting decrease in discharge to the Waikato River (and increased deep reinjection) by decommissioning Wairakei. Supports use of more advanced technology than Wairakei.	None.
8	Dutton Price, Miss Lynley; Dutton Price, Miss Alison	Oppose Do not wish to be heard	Devaluation of property. Visual impact. Noise and smell. Pollution of water supply.	Compensation for loss of lifestyle and devaluation of property.
13	Ellery, Mr Grant and Mrs Francis	Oppose Wish to be heard	Devaluation of property (so a private company can make profits for shareholders). Inadequate consultation – work started before consultation. Disruptions of rural lifestyle – construction noise, dust, too close. Likely contamination of water bore by reinjection.	Compensation for disruption and loss of property value. Shelterbelt for visual and noise screening. Provision of alternative water supply if current supply contaminated.
12	Energy Efficiency and Conservation Authority	Support Wish to be heard	New Zealand demand for energy will increase. Generation capacity needed. Proposal consistent with sustainable energy policies and strategies. Result in nationally significant benefits due to contribution to 90% renewable energy target, security of supply and positive effect on climate change.	Approve applications.
4	Environment Waikato	Neutral (EW applications) Wish to be heard	To promote consistency with councils geothermal policies and existing consents.	Consents to be consistent with council geothermal policy. Conditions to be enforceable and compatible with existing consents.
7	Fish & Game NZ, Eastern Region	Support Do not wish to be heard	Alternatives to hydro generation should be promoted. No fisheries or game bird resources or their habitat will be adversely affected.	Not identified.

Submission no.	Submitter	Position / heard	Reason	Relief sought
19	Geotherm Group Ltd	Mixed Wish to be heard	<p>Opposes any aspect of the project that adversely impacts on Geotherm Project.</p> <p>Specific reinjection locations not defined. Modelling not cover all reasonably feasible reinjection scenarios.</p> <p>Contact has not allowed for different development options under Geotherm consents.</p> <p>Need to calibrate model against actual emissions. Modelling of H₂S emissions needs to take additional factors into account.</p> <p>Cumulative noise effects with exercise of Geotherm consents not assessed.</p> <p>Significant geothermal features in area (eg, Craters of the Moon).</p> <p>Constraints on national grid and ability for Geotherm to export from the site.</p>	<p>Reinjection should be limited to those locations modelled. Condition to ensure reinjection does not adversely affect Geotherm Consent.</p> <p>Condition to protect range of development options available to Geotherm.</p> <p>Ambient monitoring. Condition to ensure combined effects with consented Geotherm discharge does not adversely affect air quality or Geotherm consent.</p> <p>Conditions to ensure cumulative noise levels from Te Mihi and existing consented activities do not exceed District Plan levels and impact on Geotherm's ability to meet its consent noise limits.</p> <p>Conditions to assist in determination of any impacts on these areas, such as a monitoring programme, established in consultation with other users.</p> <p>Conditions to ensure project does not adversely affect Geotherm's ability to export electricity (inefficient use under s7(b) RMA). Discounting of benefits of Contact and/or Geotherm project if it does.</p>
5	Hansen, Mr Graham and Mrs Isobel	Oppose Do not wish to be heard	<p>Construction and operation noise effects will disrupt rural quiet.</p> <p>Reduction in property value.</p> <p>Work already commenced before consents being granted.</p>	<p>Compensation for disruption and loss of property value.</p>
18	Houghton, Mr Ray	Opposes Wish to be heard	<p>Discharge of steam will detract from rural landscape. Cumulative adverse effect with the existing discharge.</p> <p>Adverse traffic effects and safety concerns.</p> <p>Cumulative odour effects on neighbours.</p> <p>Reverse sensitivity – further development potential impacted by need for Contact's written consent as affected party and restricted covenants.</p>	<p>Decline the full proposal.</p> <p>Mitigate traffic effects of 200 employees using intersection. Taupo District Council and Transit solution. Change to intersection layout.</p>
1	Macphal, Ms Sarah; Campbell, Mr Ian	Oppose Do not wish to be heard	<p>Impact on environment.</p> <p>Loss of value of property.</p>	<p>None stated.</p>

Submission no.	Submitter	Position / heard	Reason	Relief sought
21	Major Electricity Users' Group	Neutral Do not wish to be heard	<p>Call-in was unwarranted. Reliance on New Zealand's obligations under the Kyoto Protocol obligations is not sufficiently material to call it in and is a minor effect to be considered by the Environment Court.</p> <p>The 90% renewable target is a "political vision" (not a national policy statement in terms of the RMA) and only one of a number of possible future scenarios. Relying on ad hoc political targets as criteria for call-in or putting weight on these reasons will allow key developments to be dictated by Ministerial whim. Board of Inquiry should test robustness of effects across other scenarios than 90% renewable target.</p> <p>While this is a large geothermal project other large geothermal projects have been consented recently without call-in.</p>	Board of Inquiry should give little weight to the Minister's reasons for the call-in when balancing effects.
10	McGrath JJ and JM and Family	Oppose Environment Waikato applications Wish to be heard	<p>Object to discharges to land and groundwater.</p> <p>Air discharges will cause unacceptable pollution.</p> <p>Should confine operation to areas identified in applications.</p> <p>Definition of geothermal system by Judge Whiting.</p>	<p>Re-injection should be to well or bores into the subterranean formations of same system as geothermal waters taken from.</p> <p>Not stated.</p>
15	McLachlan, Mr Alistair; McLachlan, Ms Ava Marie; MacPower Ltd	Oppose in part	<p>Wish to protect Geotherm Group consents and to ensure there are no adverse cumulative effects with other existing and consented uses.</p> <p>Air quality – current discharges of gas from Poihipi power station exceed current consent limits.</p> <p>Reinjection – potential constraint on Geotherm power station reinjection.</p> <p>Reinjection – contact presently discharges contaminants without landowners' authorisations.</p> <p>Noise – cumulative with effects of other activities both occurring and consented.</p> <p>Transmission – query adequacy of transmission capacity to meet project and Geotherm and other existing and consented generators.</p> <p>Where consent has potential to inhibit or adversely affect existing consents. Cumulative effects with existing users.</p>	<p>Conditions to meet concerns:</p> <p>Air – ensure that cumulative adverse effects have appropriate limits.</p> <p>Reinjection – control reinjection so as not to constrain Geotherm consents or other existing consents on the same system and require that no generation activities occur until Contact has all necessary authorisations from landowners for reinjection of power station fluids.</p> <p>Noise – controls on cumulative effects.</p> <p>Transmission – require Contact to prove that adequate transmission exists for project, Geotherm and other consents.</p> <p>Require consent to ensure it does not adversely affect the exercising of Geotherm's consents and is consistent with controls on other consented activities. Appropriate controls on cumulative effects generally.</p>

Submission no.	Submitter	Position / heard	Reason	Relief sought
		Wish to be heard	<p>Project involves extension of land areas associated with Poihipi power station and activities.</p> <p>Contact has recently drilled a new well within a short distance of the Geotherm boundary, contrary to undertakings given by Contact to Reconsenting Hearing 2001.</p>	<p>Extension of land areas – ensure such expansion is warranted and consistent with existing Court decisions re that station. Specify uses to which particular land areas may be put consistent with past decision and the demonstrated needs for any expansion.</p> <p>Board of Inquiry should check use to be made of new well (on Geotherm boundary) and which power station it is associated with and conditions should address proximity of any new well to Geotherm boundary.</p>
6	Ministry of Economic Development	<p>Support</p> <p>May wish to be heard in clarification</p>	<p>National benefits of a viable and renewable resource by making use of viable and renewable energy source, security of supply and avoiding greenhouse gas emissions.</p> <p>Board of Inquiry should take into account the contribution Te Mihi will make to achieve the Government's energy objectives.</p>	Approve the application for land-use consent.
22	Tauhara North 3B Trust	<p>Mixed</p> <p>Wish to be heard</p>	<p>Rights of Nga hapu o Ngati Tuwharetoa. Key feature of the Treaty of Waitangi claims concerned dispossession and loss of rangatiratanga over the geothermal resource, degradation of geothermal taonga and exclusion from use and development of the resource.</p> <p>Waitangi Tribunals report <i>He Maunga Rongo: Report on Central North Island Claims</i> has important findings.</p> <p>Concerned about the discharge of contaminants and waste water onto land and into the aquifers linked to Taupo nui a Tia and effects on surface features.</p>	Consultation and communication and regular update on reinjection plans and monitoring adjacent to the interests of the Trust.

Submission no.	Submitter	Position / heard	Reason	Relief sought
17	Taupo District Council	Neutral	<p>Part 1 – Taupo District Council consents</p> <p>Board has regard to environmental effects on local and wider environment, including traffic, earthworks, visual, noise, hazardous substances, natural hazards, cultural and cumulative effects.</p> <p>Ensure that assessment of the application considers the objectives and policies of the District Plan. With appropriate conditions of consent the adverse effects of the proposal can be appropriately mitigated.</p> <p>Traffic effects.</p> <p>Earthworks and construction effects.</p> <p>Visual and landscape effects.</p> <p>Noise effects.</p> <p>Hazardous substance storage and use – minor with appropriate management.</p> <p>Natural hazards.</p> <p>Existing infrastructure.</p> <p>Cultural effects.</p> <p>Cumulative effects.</p>	<p>Subject to appropriate conditions, consents should be granted. If appropriate conditions are not imposed, land-use consents applications under the Taupo District Plan should be declined.</p> <p>Control traffic / Traffic Management Plan.</p> <p>Earthworks Management Plan.</p> <p>Landscape Management Plan.</p> <p>Consideration of noise effects. Mitigation measures implemented.</p> <p>Hazardous Substances and Emergency Management Plan, Council approval prior to works.</p> <p>Development within geothermal area to be assessed.</p> <p>Effects should include decommissioning Wairakei plant.</p> <p>Protocol for discovery of historical sites during construction.</p> <p>Can be mitigated.</p>
		Wish to be heard	<p>Part 2 – Environment Waikato consents</p> <p>Primary concern is effect on Taupo town being located above a geothermal system and possible subsidence.</p> <p>Infield injection is required to stop current and prevent future subsidence.</p> <p>Contact has not modelled effects of increased reinjection on subsidence (identified in AEE) and this should have been included in AEE – refer Court decisions.</p> <p>Contact plans to continue discharges to the Waikato River which is inappropriate in the modern plant being proposed.</p>	<p>The 6,500 tpd of cooling water blowdown and condensate onto land should instead be reinjected.</p>

Submission no.	Submitter	Position / heard	Reason	Relief sought
14	Te Kapa o Te Rangiita ki Oruanui	<p>Neither supports nor opposes (neutral)</p> <p>Wish to be heard</p>	<p>Clarify issues in consent applications that were not resolved in pre-consultation process. Issues are:</p> <p>Clarification of Land Trusts within the consented area.</p> <p>Consider staged reinjection for particular surface features and potential for enhancement of taonga/surface features.</p> <p>Exclusion zones for reinjection – possible enhancement of taonga/surface features.</p> <p>Discharges to land and integrity of groundwater.</p> <p>Sewage discharge in areas/site of significance in cultural impacts assessment.</p> <p>Air modelling in areas/sites of significance.</p> <p>Cultural impacts assessment should include air discharge from Poihipi Road station.</p> <p>Geothermal steamfield.</p> <p>Te Rau o te huia stream / traditional fishery.</p> <p>Lack of consultation prior to lodging s127 variation.</p> <p>Geothermal resource is taonga and have customary interests, including a right to develop. Decisions made now on future allocation may affect their relationship with taonga.</p>	<p>Clarify Land Trusts within consent application area.</p> <p>Consider taonga or surface features in Spa area and Onekeneke valley which may benefit from staged reinjection.</p> <p>Clarification of exclusion zones for reinjection, exclude Wairakei Valley?</p> <p>Clarify chemical constituents of discharge water.</p> <p>Identification of septic tank locations in cultural impact assessment.</p> <p>Drawing showing discharge modelling on cultural impact assessment map.</p> <p>Cultural impact assessment report for air discharge from Poihipi Road station.</p> <p>Identification of historical sites in relation to steam field.</p> <p>Clarify – monitoring, take and use from stream.</p> <p>Request pre-hearing meeting to discuss issues. Place the application on hold until the applicant can provide an opportunity to discuss the issues raised by Te Kapa o Te Rangiita ki Oruanui.</p>
23	Toyota, Anna and Karz	<p>Support TDC consents and 116791 / oppose EW (except 116791)</p> <p>Do not wish to be heard</p>	No information provided.	None stated.

Submission no.	Submitter	Position / heard	Reason	Relief sought
11	Transit New Zealand, Hamilton Regional Office	Oppose Wish to be heard	Construction traffic will utilise the Poihipi Rd/SH1 intersection which has known safety and capacity issues. The transportation assessment prepared by Traffic Design Group does not offer appropriate conditions to avoid, remedy or mitigate the traffic effects at the Poihipi Road/SH1 intersection.	Application is declined. Alternatively, require the upgrade of the intersection of Poihipi Road and SH1 in accordance with Stage 1a of the Western Kinloch Arterial Designation to the satisfaction of TDC (in consultation with Transit). Or ensure no construction traffic uses this intersection.
16	Tuwharetoa Maori Trust Board	Neither supports nor opposes (neutral) Wish to be heard	<p>Opportunity for Te Kapa o Te Rangiita ki Oruanui to clarify their issues not resolved in pre-consultation process.</p> <p>Clarification of Land Trusts within the consented area.</p> <p>Consider staged reinjection for particular surface features and potential for enhancement of taonga/surface features.</p> <p>Exclusion zones for reinjection – possible enhancement of taonga/surface features.</p> <p>Discharges to land and integrity of groundwater.</p> <p>Sewage discharge in areas/site of significance in cultural impacts assessment.</p> <p>Air modelling in areas/sites of significance.</p> <p>Cultural impacts assessment should include air discharge from Poihipi Road station.</p> <p>Geothermal steamfield.</p> <p>Te Rau o te huia stream / traditional fishery.</p> <p>Lack of consultation prior to lodging s127 variation.</p> <p>Geothermal resource is taonga and have customary interests, including a right to develop. Decisions made now on future allocation may affect their relationship with taonga.</p>	<p>Clarify Land Trusts within consent application area.</p> <p>Consider taonga or surface features in Spa area and Onekenek valley which may benefit from staged reinjection.</p> <p>Clarification of exclusion zones for reinjection, exclude Wairakei Valley?</p> <p>Clarify chemical constituents of discharge water.</p> <p>Identification of septic tank locations in cultural impact assessment.</p> <p>Drawing showing discharge modelling on cultural impact assessment map.</p> <p>Cultural impact assessment report for air discharge from Poihipi Road station.</p> <p>Identification of historical sites in relation to steam field.</p> <p>Clarify – monitoring, take and use from stream.</p> <p>Request pre-hearing meeting to discuss issues.</p> <p>Place the application on hold until the applicant can provide an opportunity to discuss the issues raised by Te Kapa o Te Rangiita ki Oruanui.</p>
2	Vanner, Mr Brett and Mrs Heather	Neutral (TDC applications) Do not wish to be heard	Construction of structures and potential for visible structures (such as pipes) to devalue property.	<p>Give careful consideration to construction of visible structures.</p> <p>Place pipes underground if possible.</p>

Submission no.	Submitter	Position / heard	Reason	Relief sought
20	Waikato Raupatu Trustee Company Ltd (Tainui)	Not stated	<p>The Waikato River is <i>te tupuna awa</i>, the ancestral river of the Waikato-Tainui.</p> <p>Concerns with discharges of geothermal fluids into the river.</p> <p>Irrigation of condensate to pasture may lead to additional nitrogen run-off to the river causing algal blooms. Algal blooms directly impact relationship of Waikato-Tainui with the River.</p>	<p>Ensure the consents if granted and other associated and varied consents are consistent with the Waikato River Settlement and realigned with its outcomes and objectives.</p> <p>Include a clause as follows: <i>"Within 12 months of the Crown settling any claim made under the provisions of the Treaty of Waitangi Act (1975) WRC may, following service of notice on the consent holder, commence a review of the conditions of this consent pursuant to section 128(1)(a) of the RMA, for the purpose of ensuring that this consent is in alignment with the provisions of any such settled claim."</i></p>
		Wish to be heard	Agreement in principle reflects a commitment by Crown and Waikato-Tainui to enter new era of co-management of the River.	<p>Conditions to cover staged reduction in operation of Wairakei.</p> <p>Reinjection of steam condensate from both Wairakei and Te Mihi to the Wairakei-Tauhara field.</p>
3	Wind Farm Developments (Australia) Ltd	Neutral Wish to be heard	WFD is a third owner of the Hawke's Bay Wind Farm Ltd wind farm, approved for 75 turbines on the Maungaharuru Range. It is not clear that any adverse effects on the Hawke's Bay project are satisfactorily avoided, remedied or mitigated. Te Mihi's contribution to national benefits will be reduced or not applicable if the development results in any constraining of output from the Hawke's Bay Wind Farm project.	Should the Board of Inquiry approve the proposal WFD requires a consent condition that <i>"the project shall not result in the loss of generation from any existing or approved renewable generation projects as at the 7/03/08"</i> .