

To: The Chief Executive
 Environment B.O.P.
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Further Submission on: Proposed Bay of Plenty Regional Water and Land Plan

Name: New Zealand Geothermal Association

Address: The Secretary,
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 Taupo

Submission N ^o	Submitter Name	Section Number & Title	Support/ Oppose	Reasons
10.0005	Bay of Plenty Electricity	2.1.2.o6	Support	Maintaining mauri implies that no changes to natural processes are permitted, which is not consistent with the intent of the RMA
38.0008	Tauranga District Council	2.1.2.o6	Support	The deletion of this Objective is supported as it appears that the word "mauri" is of uncertain meaning and could be interpreted as promoting a preservationist approach as set out by the submitter.
13.0031	Bay of Plenty Conservation Board	7	Oppose	The relief specified by the submission is not clear. The NZGA does not believe that geothermal <u>features</u> are a resource to be used, however, the geothermal <u>energy</u> is a resource available to be used for the benefit of the community. This needs to be done sensitively to minimise adverse effects on surface features. Further, some features should be completely protected from human development. This has

				been done in the Plan by prohibiting development in some fields where features are outstanding.
13.0033	Bay of Plenty Conservation Board	7.1.1.i44	Oppose	The dictionary (Concise Oxford 6 th ed.) definition of “Deplete” is to “empty out or exhaust”: extraction will not and should not do this. Further, not every take of geothermal water, heat or energy will even have a noticeable adverse effect. The wording of the Plan at present is appropriate and should not be amended, or the word ‘deplete’ should be replaced with ‘affect’.
13.0034	Bay of Plenty Conservation Board	7.1.1.i46	Oppose	The wording of the Plan as notified is appropriate and should not be amended. (Drilling of monitor bores would have negligible effects, for example).
13.0035	Bay of Plenty Conservation Board	7.1.1.i47	Oppose	No amendments should be made to this section of the Plan. (Discharge to geothermally affected aquifers does not ‘contaminate’ those aquifers).
27.0011	Century Resources	7.1.3 p105(a)	Support	It is not standard practice to reinject all gases. If gas had a particular discharge issue, this should be dealt with on a case by case basis rather than as a requirement in the Plan.
30.0010	Environment Waikato	7.1.3	Support	NZGA supports the promotion of both downhole heat exchangers and geothermal heat pumps as beneficial applications in relation to energy efficiency.
63.0103	Carter Holt Harvey	7.1.3 p102	Support	Support for the classification of the Kawerau Geothermal Field as Geothermal Management Group 3.

I do wish to be heard in support of my submission.

If others make a similar submission I would be prepared to consider presenting a joint case with them at the hearing

[Signature of person making submission]
Andy Bloomer, information officer

[Date]

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