

4 December 2007

Te Aroha Jockey Club (Inc)
P.O. Box 6
TE AROHA 2971

Dear Sir/Madam

Resource Consent Application 117493

Your resource consent application has been considered in accordance with the provisions of the Resource Management Act 1991.

Please find enclosed the decision report and resource consent certificate.

You may lodge an objection to this decision by notifying Environment Waikato of your objection within 15 working days of notice of this decision being received, in accordance with Section 357 of the Resource Management Act and Regulations respectively.

You may lodge an appeal with the Environment Court if you wish. Further information on this option is available from Environment Waikato on request.

Important: If you decide to object to or appeal against this decision the enclosed consent certificate is null and void, and should be destroyed.

You should also be aware of the following general information regarding the holding of a resource consent:

Exercising the consent

Only the holder of the consent (or their agent) may exercise this consent, and then only for the purpose specifically authorised by the consent. Those exercising the consent must comply with the conditions of the consent at all times.

If the consent has not been exercised within five years from the commencement date of the consent, the consent will lapse unless approval has been obtained from Environment Waikato to extend the period.

Charges payable

The majority of consent holders will incur annual charges for holding consents, and may also incur costs associated with monitoring, inspecting and reporting on the exercise of this consent.

Annual charges are set every year as part of the Council's annual plan process. These charges will continue to be incurred by the holder of the consent until such time as the consent expires or is surrendered.

Surrender of the consent

If you no longer wish to perform the activities authorised by the consent you may wish to apply to surrender the consent (charges are payable even if you are not currently exercising the consent).

Expiry of the consent

If you re-apply within 6 months of the expiry date of your consent you may continue to carry out the activity while your replacement consent application is processed.

Sale of your property

If you sell the property or the operation to which this consent applies, you may wish to transfer the consent to the new owner (charges will continue to be incurred by the holder of the consent until such time as this is carried out).

Disclosure of information to third parties

The information you provided in your application (including personal information) is official information. It will be used to assist in the management of the region's natural and physical resources. Your application, the details of this consent and any ongoing communications between you and Environment Waikato will be held at the offices of Environment Waikato and may be accessed upon request by a third party.

Access to information held by Environment Waikato is administered in accordance with the Local Government Official Information and Meetings Act 1987 and the Privacy Act 1993. Your information may be disclosed in accordance with the terms of these Acts. This may include disclosure in response to an on-line request to access information through Environment Waikato's website (www.ew.govt.nz).

Environment Waikato may withhold access to information in certain circumstances. It is important that you advise Environment Waikato about any concern you may have about disclosure of any of the information you have provided in this application (e.g. protection of personal information, trade secrets, confidential information or information which, if released, may cause serious offence to tikanga Maori). While Environment Waikato may still have to disclose information under the above legislation, it can take into account any concern you wish to raise.

Please do not hesitate to contact staff on 0800 800 402 if you have any queries regarding the above advice.

Yours faithfully

Andrea Tainui
Administration Support, Resource Use Group

Consent Evaluation Report

Applicant :	Te Aroha Jockey Club (Inc)	File Number:	60 23 18A
Address of Site:	Stanley Road South - Te Aroha	Project Code:	RC7548
Consent Type(s): Water permit	Ground water take	Application Number(s):	117493

1 Introduction

Te Aroha Jockey Club (Inc) has applied for a resource consent to take groundwater for irrigation purposes. The well is located on a property described legally as Lot 7 DPS 86335, on Stanley Road, Te Aroha. This is to replace an existing consent (authorisation no. 100744).

2 Background and Description of Proposal

2.1 Background

A water permit for the taking of groundwater has existed on this property since 1992. The most recent resource consent 100744, was granted in March 1998 and authorised the abstraction of 144 cubic metres of groundwater per day at a rate of 1.06 litres per second (L/sec) for irrigation purposes. Resource consent 100744 expires on the 31 January 2008 and the applicant has applied to replace this resource consent.

During the term of the previous consent there have been no complaints regarding water levels or irrigation as recorded on Council's complaints database (RUG Calls) regarding this site.

2.2 Proposal

2.2.1 Resource Consent Application 117493

The applicant has applied to take groundwater from a well (Located no. 64_746) for irrigation of 5 hectares of racing and training tracks. The water will be taken at a rate of 6 cubic metres per hour (1.67 L/sec) up to a maximum of 144 cubic metres per day. The yield of the well is limited and not high enough to deliver a suitable flow to the irrigation system, therefore water is pumped from the well into a storage pond. The capacity of the pond allows for a large volume of water to be stored, so that irrigation can be undertaken infrequently and has the available water required for irrigation.

The estimated days that irrigation would be undertaken is 40 days however the estimated volume of water taken over a season is estimated at 120 days. This is due to the amount of water required to fill the pond even though irrigation is undertaken for a limited amount of time. This is to ensure that there is an adequate volume in storage and for the larger rate that irrigation is undertaken. Therefore it is recommended that the applicant be restricted to the 120 day requirement of 17,280 cubic metres and not the 40 day equivalent.

2.2.2 Production Well

The production well (Located no. 64_746) has a diameter of 150 mm and was drilled February 1992 by Ken Garnett Drilling Ltd. The bore was drilled to a depth of 8 metres with casing extending to 5 metres below ground. At the time of drilling a pumping test was carried out to determine well yield. The initial static water level was measured at 4 metres below ground level, and drawdown was 3 metres. The rate at which water was taken was 192 cubic metres per day. It is recorded on file that the pump installed in the well is set at 7 metres below ground.

Information for the bore is shown in Appendix one.

2.2.3 Water Use History

As a requirement of the current consent the consent holder is required to record their use at weekly intervals for volume and pumping hours. During the term of the consent only one set of records has been supplied. This was supplied for the month of October 2007.

No records are held on file for the term of the consent, giving the site a partial compliance rating. The applicant however has supplied current usage since a new meter was installed in September of this year at the time of lodging the application. Given that the volume of use has not changed it is recommended through consent conditions weekly recording and regular provision of records will be required.

3 Status of Activities under the Plans

Section 14 of the Resource Management Act, 1991 states that no person may take, use, dam or divert any water unless the taking, use, damming, or diversion is expressly allowed by a rule in a regional plan [and in any relevant proposed regional plan] or by a resource consent.

On the 28 September 2007 the Waikato Regional Plan (WRP) became operative, there are outstanding variations to the WRP which include variation 6 (Water allocation) which have not completed the first schedule of the RMA process and therefore remains inoperative.

Waikato Regional Plan (WRP)

Under the Waikato Regional Plan proposed variation 6, the activity meets the conditions of the *discretionary activity* rule for groundwater takes (Rule 3.3.4.17). Rule 3.3.4.17 is not fully operative due to the variation being notified in October 2006. Consequently, the proposed groundwater take is therefore considered on a **discretionary basis** under section 14 of the Resource Management Act, 1991. That is, requires resource consent.

4 Consultation/Affected Party Approvals

4.1 Iwi

The applicant has not consulted with tangata whenua, which I consider is appropriate for the proposed activity because I do not consider tangata whenua to be an affected party due to the minor adverse effects of the proposed activity. The applicant has applied for the same as what is currently authorised by resource consent 100744 therefore no increase in the potential effects are expected from this application.

This is in accordance with the Waikato Regional Council's procedures for consulting with Iwi (which are set out in Resource Use Group Practice Note B7 'Iwi Consultation Principles and Practices').

4.2 Other Parties

Prior to the application being lodged the applicant consulted with neighbouring landowners, whose response to the proposal is recorded in Table 1 below.

Table 1: Consulted parties

Name	Address (of site)	Situation	Response
I Bradshaw	40a Stanley Rd South	Landowner	Approved
M Horn	40 Stanley Rd South	Landowner	Approved
R Yetton	40b Stanley Rd South	Landowner	Approved
B Brownlee	4664 Main Rd, Waihou	Landowner	Approved
PJ Rodewald	29 Racecourse Rd	Landowner	Approved
C Smith	40 Racecourse Rd	Landowner	Approved
D Grooby	37 Racecourse Rd	Landowner	Approved
N Gordon	52 Racecourse Rd	Landowner	Approved
J E Carter	McCabes Rd	Landowner	Approved
C Adams	138a McCabe Rd	Landowner	Approved
H Sandhu	262a Stanley Rd	Landowner	Approved

Te Aroha Earthwatch were advised of the application on the 7 November 2007. No response has been received from Te Aroha Earthwatch at the time of writing this report.

4.3 Reasons for Non-notification

A decision was made under delegated authority, prior to the completion of this report, that the application could be considered on a non-notified basis. A copy of this decision is held on file within the document titled "*Notification / Non-Notification Decision – Decision Guideline*".

5 Process Matters

5.1 Section 124 Coverage

Resource consent 100744 expires 31 January 2008 and the applicant has now applied to replace this consent. The application was not made within the required timeframes to allow for s124 coverage therefore any taking of groundwater after the existing consent expires will be unauthorised, if a decision has not been made on this application.

5.2 Application Matters

Resource consent application 117493 was received, reviewed and considered complete under s88 of the RMA on the 5 November 2007. The application was placed on hold seeking clarification of details of the application on the 7 November 2007, this was provided on the 12 November 2007. There are no other process matters to report.

6 Statutory Considerations

In considering this application I have had regard to section 104 of the RMA. I consider the actual or potential effects of the activity to be minor. In coming to this conclusion I have considered the following:

Subject to Part II, when considering an application for a resource consent and any submissions received, the consent authority shall have regard to -

- a) any actual and potential effects on the environment of allowing the activity;
- b) any relevant provisions of:
 - i) a national policy statement
 - ii) a New Zealand coastal policy statement
 - iii) a regional policy statement or proposed regional policy statement
 - iv) a plan or proposed plan; and
- c) any other matters the consent authority considers relevant and reasonably necessary to determine the application'.

As discussed previously the proposed activity is classified as a discretionary activity in the Waikato Regional Plan. However, the relevant rule in the Plan is currently not operative, therefore the default classification of a discretionary activity applies and resource consent is required under section 14 of the Resource Management Act, 1991.

Section 104(B) of the Resource Management Act, 1991 states:

'After considering an application for a resource consent for a discretionary activity or non-complying activity, a consent authority -

- a) *may grant or refuse the application; and*
- b) *if it grants the application, may impose conditions under section 108'.*

6.1 Assessment of Environmental Effect

It is recognised that potential adverse effects associated with groundwater takes are drawdown of the groundwater table or de-watering of the groundwater resources, which in turn may lead to decreased water supplies for neighbouring groundwater users utilising the same aquifer resource.

Accordingly issues assessed with regard to groundwater takes are:

- Interference Effects on neighboring groundwater users
- Aquifer Sustainability, and
- Stream depletion effects

Consideration shall also be given to water use efficiency.

6.1.1 Interference Effects

As shown in Table 2 there is one other well within one kilometre of the applicant's production well. This well is not authorised to take above the permitted activity volume of 15 m³/day therefore it is assumed that this well is used for stock and domestic purposes or not used at all.

This bore has been in existence since prior to the drilling of the Te Aroha Jockey Club well, there have been no complaints with regards to groundwater levels or a neighbours ability to obtain water since the issuing of previous consents. This proposal is for the same volume as currently authorised therefore no increase in the level of effects is anticipated.

Table 2: Neighbouring wells within one kilometre from Located no. 64_746

Located Key	Location Name	Bore Depth (m)	Property Owner	Distance (m)
64_746	TE AROHA JOCKEY CLUB (INC)	8	Applicant	0
64_491	TOWERS MJ	10.6	Matamata Piako District Council	806

In considering interference effects on neighbouring users I do not consider that the proposed take would compromise a neighbour's ability to obtain water and that the effects of the take would be no more than minor.

6.1.2 Aquifer sustainability

Variation 6 defines available allocation in the Northern Hauraki aquifer area as 166052.5 (x1000) m³ per year at the Tier one level. Where there is a defined level of allocation it has been recognised that there is an increasing demand on the aquifer. The WRC will review this level if any of the matters outlined in Method 3.3.4.6 are relevant. No review of the allocable volume in the area has occurred therefore it is considered that the allocation has not reached 70% of the Tier one level outlined above.

Groundwater monitoring well (Located no. 64_75) is located within three kilometres from the site. This well has similar depth to the applicant's well, and has been monitored since 1989 through to the present year. Given the wells shallow depth there is a more varying response in water levels to changes in seasonal use and rainfall recharge. Water levels have remained relatively stable therefore I do not consider that sustainability is of concern.

It is considered appropriate to require through consent conditions that access to the production well be required for the purposes of water level measurement or pumping tests should the need arise. This is to allow WRC staff to monitor aquifer levels or determine through pumping tests the level of connectivity the production well may have with other wells or streams, if more comprehensive monitoring of the aquifer were to be required.

6.1.3 Stream Depletion Effects

Policy 5 of the WRP (Variation 6: Water Allocation document) requires that groundwater takes that have the potential to impact on surface water bodies be classified as both a surface water take and a groundwater take. The applicant's well is located 200 metres from the Mangawhengu Stream a tributary of the Waihou River. Water is drawn from the shallow unconfined aquifer of which some water may be sourced via leakage from the Mangawhengu Stream. It is considered that this take is predominantly groundwater however it cannot be ruled out that water is not sourced from the stream. It is considered that the volume would be insignificant and therefore will not be classified as a surface water take, therefore can be solely assessed against groundwater policies, rules and objectives.

6.1.4 Water Use Efficiency

It is also recognised that when assessing resource consent applications that the volume of water requested is consistent with actual water requirements and that the take is deemed to promote the efficient use of water. Encouraging more efficient use of water provides more economic benefit to both the applicant and the region by allowing for economic growth in the area.

Water is pumped from the storage pond to irrigate five hectares, I spoke with Graeme Amies on the 29 November to discuss the irrigation regime from the pond. He said he did not know how much the pond was designed to hold nor the size of the pump used to irrigate. He did indicate that each application which would be every other day and was aimed at applying approximately 5 mm, this was based on sprinkler output. To apply this application depth approximately 250 m³ of water will be required. The consent application is for 144 m³ per day therefore to apply the required application depth irrigation can only be undertaken once every couple of days. I consider that using this irrigation regime that the proposed take is considered adequate.

6.2 Policy Statements and Plans

Section 14 of the Resource Management Act 1991 (RMA) places restrictions relating to water. Specifically no person may take, use, dam, or divert any water unless expressly allowed by a rule in a regional plan and in any relevant proposed regional plan or resource consent. Section 104 of the RMA also requires consideration of any regional plans and regional policy statements, in this case the Waikato Regional Policy Statement and the Waikato Regional Plan proposed Variation 6.

6.2.1 The Regional Policy Statement

The Regional Policy Statement (RPS) promotes the maintenance of groundwater levels, recognising that groundwater resources are an integral part of the water cycle and that effects on this resource will have an effect on other parts of the cycle. Sections of the RPS that are most relevant to this proposal are as follows:

- **Section 3.4.5 Water Quality**

Objective: *Net improvement of water quality across the Region.*

- **Section 3.4.6 Flow Regimes**

Objective: *The range of uses of water reliant on the characteristics of flow regimes maintained or enhanced.*

Policy Two: Modification of Flow Regimes

Allow changes to existing flow regimes while avoiding, remedying and mitigating adverse effects on the environment.

- **Section 3.4.7 Efficient Use of Water**

Objective: *The efficient use of water that is available to be taken from water bodies.*

Policy One: Efficient Use of Water

Ensure that the water which is available to be taken from water bodies is used efficiently.

I consider that the proposed activity does not compromise the objectives of the RPS relating to groundwater resources. In particular, I consider that the applicant is efficiently using water and not adversely affecting the groundwater resource to the point where dewatering of the aquifer or compromising the ability of groundwater discharges to the base flows of surface water is affected. The environmental effects assessment indicates that groundwater resources in the area are not stressed, and in my opinion the proposed activity is likely to be sustainable and is consistent with the RPS.

6.2.2 Regional Plan

The Waikato Regional Plan recognises that ground water takes can cause drawdown effects that affect the ability of other users to access the resource, and may reduce the sustainable yield of the resource. Accordingly, the Plan encourages that ground water takes be managed to ensure sustainable yield and to ensure continued use of ground water by future generations.

Sections 3.3 and 3.4 of the PRP were withdrawn on the notification of the WRP Variation 6 (Water allocation) document. Variation 6 outlines implementation methods to assist compliance with relevant objectives and policies. In particular rule 3.3.4.17, defines the proposed activity as a *discretionary activity* (requiring resource consent) as discussed previously. This rule is not operative due to the variation document being notified in October 2006. Nevertheless it does give an indication of the future direction that is likely to be taken by Council with respect to ground

water takes of this size, and requires consideration as directed by section 104 of the RMA. I have therefore considered the rules and policies of Variation 6 of the PRP, in my assessment of this consent application and in proposing conditions.

Rules relevant to this application:

Chapter 3.3 - Take

3.3.4.17 Discretionary Activity Rule – Ground Water Takes

The taking of ground water that, when assessed in combination with all other authorised takes from the same aquifer:

- a) does not comply with **Rules 3.3.4.8, 3.3.4.10 or 3.3.4.11**; or
 - b) does not exceed the Tier 2 sustainable yield in Table 3-6; or
 - c) is from an aquifer that is not listed in Table 3-6
- is a **discretionary activity** (requiring resource consent).

The taking of groundwater does not comply with Rule 3.3.4.8 as it exceeds the permitted activity volume of 15 m³ of water, therefore has been considered under rule 3.3.4.17 and is classified as a discretionary activity requiring resource consent.

The activity is located within the Northern Hauraki aquifer area which has a defined level of allocation as outlined in Table 3-6 of the variation 6 document. There is no Tier 2 sustainable yield associated with this area therefore is classified as a discretionary activity.

3.4.5.4 Permitted Activity Rule – Use of Water for Crop and Pasture Irrigation

Except as restricted by **Rules 3.4.5.5 and 3.4.5.6** the use (as restricted by s14 of the RMA) of water and any associated discharge of water onto or into land and the use of land for irrigated crop and pasture purposes is a **permitted activity** subject to the following conditions:

- a) The water shall not be applied in a way or at a rate that causes the water holding capacity of the soil within the plant root zone (rhizosphere) to be exceeded.
- b) The rate of irrigation shall not exceed the infiltration rate of soil or cause any run-off or ponding of irrigated water.
- c) A nutrient management plan of the type specified in Table 3-9 must be used to plan water irrigation and must be made available to the Waikato Regional Council on request.
- d) The activity shall not result in any direct application of contaminants to any water body.
- e) Any discharge of contaminants into air arising from the activity shall comply with the permitted activity condition in Section 6.1.8 except where the matters addressed in Section 6.1.8 are already addressed by conditions on resource consents for the site.
- f) The activity shall not result in the contamination of land.

The soil type the subject property is situated on, consists of silty loam. The applicant has installed a sprinkler irrigation system which has only a limited output. I do not consider that the infiltration rate of the soil will be exceeded to the point where run off or ponding could occur.

It will be largely dependent on the applicant to monitor rain events to determine how much water should be applied to ensure that the water holding capacity is not exceeded.

Policies relevant to this application:

Chapter 3.3 - Take

Policy 10: Common Expiry Date for the Taking of Water

- a) The Waikato Regional Council shall establish and implement common expiry dates for all resource consents for the take of surface and ground water as detailed in Table 3-3.
- b) All consents granted after the date on which this chapter of the Waikato Regional Plan was publicly notified shall have a term no longer than the period to the next common expiry date specified for the relevant catchment in Table 3-3, except those consents:
 - i) for municipal / domestic supply
 - ii) for the primary purpose of electricity generation.
- c) Those consents provided for in part b) (i and ii) of this policy shall include review dates which coincide with the common expiry dates for the relevant catchments listed in Table 3-3.

Table 3-3 recommends a common expiry to be 1 July 2012 for all takes in the Waihou River catchment. This would give the consent a term of five years, I consider that this term is inappropriate therefore it is recommended that a ten year term with a review set in 2012 would be adequate.

Policy 11: Water Take and Use Recording and Reporting

As a means of assessing compliance with consents for the taking and use of water, the Waikato Regional Council will require resource consent holders, through conditions to:

- a) Install a tamper-proof water-measuring device to manufacturer's specifications with:
 - i) a pulse output; and
 - ii) a minimum accuracy of +/- 5 percent under field conditions
- b) Provide an "as built" plan of the installed water-measuring device prior to giving effect to any consent to take water
- c)
- d) Record and report water take and use data on a daily basis for all consented ground water takes (the method of recording, and the reporting frequency will be determined by the Waikato Regional Council as appropriate for the circumstances of the particular take and specified in the consent conditions),
- e) Complete a calibration(s) of the water measuring device and a water use audit(s) during the term of the consent at a frequency and to the standard specified in the consent conditions.

The applicant shall be required to record the volume of water taken and hours of pumping on a weekly basis. I consider that requiring weekly readings is adequate for this proposal as there is no increase in the potential effects of the take.

A requirement of this policy is also to provide an 'as built' plan of the water measuring device. A condition to provide this has been included in the attached schedule.

Chapter 3.4 - Use

Policy 1: Manage the Use of Water

Manage, through permitted activities and resource consents, the use of water, any associated discharge of water onto or into land and any associated use of land in a manner that ensures that:

- a) Water quality is maintained and/or enhanced in accordance with the policies in Chapter 3.2 of this Plan,
- b) Any adverse changes to natural flow regimes are avoided as far as practicable and otherwise mitigated,
- c) Adverse effects on the relationship tangata whenua as Kaitiaki have with water are avoided, remedied or mitigated,
- d)
- e)
- f)
- g) Adverse effects on ground water quality are avoided as far as practicable and otherwise mitigated.
- h) Does not result in an adverse effect relating to the objectives in Chapter 5.2 of this plan.

Policy 2: Efficient Use of Water

Promote the efficient use of water by:

- a) Requiring the amount of water taken and used to be reasonable and justifiable with regard to the intended use and justified by way of a water management plan.
- b) Requiring consideration of water conservation and minimisation methods as integral parts of water take and use consent applications to ensure no significant wastage of water resources.
- c)
- d)
- e)

The applicant has applied to take 144 m³ per day to fill a pond for irrigation purposes. The applicant proposes to take water as required to fill the pond which can sometimes be taken continuously depending on the time of year. The well from which water is taken has a low yield therefore storage is required to enable enough available water at times when irrigation is undertaken every second day during the summer period. The application volume is approximately 250 m³ which enables a 5 mm application depth. I consider the proposed regime and the volume sought is an efficient use of water.

6.3 Other Matters

There are no other matters to report.

6.4 Relevant Part II Considerations

All resource consent application must be considered subject to Part II (sections 5 to 8) of the Resource Management Act, 1991. Section 5 outlines the purpose of the RMA outlined below.

Section 5: Purpose

1. *The purpose of this Act is to promote the sustainable management of natural and physical resources.*
2. *In this Act, sustainable management means managing the use, development, and protection of natural and physical resources in a way, or at a rate, which enables people and communities to provide for their social, economic, and cultural well-being and for their health and safety while –*
 - (a) *sustaining the potential of natural and physical resources (excluding minerals) to meet the reasonably foreseeable needs of future generations; and*
 - (b) *safeguarding the life-supporting capacity of air, water, soil, and ecosystems; and*
 - (c) *avoiding, remedying, or mitigating any adverse effects of activities on the environment.*

Of sections 6 - 8 the following are relevant to this application:

- Section 6: Matters of national importance
 - (e) the relationship of Maori and their culture and traditions with their ancestral lands, water, sites, waahi tapu, and other taonga
- Section 7: Other matters
 - (b) the efficient use and development of natural and physical resources
 - (f) maintenance and enhancement of the quality of the environment
 - (g) any finite characteristics of natural and physical resources
- Section 8: Treaty of Waitangi

The proposed activity has been considered in relation to the matters outlined in Part II of the Resource Management Act, 1991 and in my opinion the proposal is not contrary to any of the matters identified.

7 Discussion/Conclusions

The applicant has applied for a groundwater take, for up to 144 cubic metres of groundwater per day, at a rate not exceeding 1.67 litres per second to fill a storage pond for irrigation purposes in the vicinity of Stanley Road South, Te Aroha. Significant adverse effects are not expected as a result of groundwater abstraction from the applicant's well.

As proposed in Policy 10 of the water module variation to the PRP (notified in October 2006), all surface water and groundwater takes in the Waihou River Catchment will have a common expiry date of 1 July 2012. As discussed previously it has been recommended that a consent duration of ten years is adequate and ensures the applicant's continued supply. Therefore the consent shall expire in 2018.

I am satisfied that the applicant's proposal, if carried out in accordance with the attached conditions will not have any significantly adverse effects on the surrounding groundwater resource.

8 Monitoring

The WRC is responsible for managing and monitoring the cumulative effects of water takes on ground water aquifers in the Region. Measuring water use is an important part of this responsibility, and therefore a standard requirement of most resource consents to take ground water requires that water intakes are fitted with a water measuring device capable of recording cumulative water use. The applicant has advised a water meter is installed. Nevertheless a condition requiring a water measuring device to record water use has been recommended.

The WRC further requires holders of water take consents to record actual water use and hours of pumping and to submit these records to the WRC by 01 June of each year. A condition has been recommended requiring weekly record keeping of water use and pumping hours.

In order to fulfil obligations under the Resource Management Act, 1991, WRC staff will monitor the activity authorised by this consent. Such monitoring inspections are likely to occur on an annual basis initially and if good compliance is achieved, may then be reduced to a biennial or triennial basis. All costs associated with monitoring are recovered from the consent holder on a reasonable and actual basis.

9 Recommended Decision

I recommend that in accordance with s104B resource consent application 117493 be granted in accordance with the duration and conditions prescribed in the attached Resource Consent Certificate for the following reasons:

- The activity will have no more than minor actual or potential adverse effects on the environment
- The activity is not contrary to any relevant plans or policies
- The activity is consistent with the purpose and principles of the Resource Management Act 1991

Virginia Comer
Resource Officer, Rural Services Programme

Date

10 Decision

That the resource consent application is granted in accordance with the above recommendations.

Mark Davenport
Programme Manager, Rural Services Programme

Date

Acting under authority delegated subject to the provisions of the Resource Management Act 1991 which at the time of decision had not been revoked.

Appendix One

Bore Report

Construction Details

Bore Id: 64_746
Driller: Ken Garnett Drilling Ltd
Date Completed: 3/02/1992
Map Reference: T13:493-010
Observed WQ: OK
Casing:
Bore Depth: 8 m
Casing Depth: 5 m
Screen Interval: 5 to 8 m
Purpose: Consent Current: Take water from an underground source to irrigate race course

Accuracy: +/- 6 m
Geothermal: Unknown
Screen:
Bore Diameter: 150 mm
Casing Diameter: 150 mm
Slot Size:

Comments: Well Location: Stanley road TeAroha \ Driller: J P Garnett \ Permit No: 1154

Sample Results

Sample	Date	Parameter	Result	Detection Limit
66372	3/02/1992	Bore Drawdown (max) (flow test) Maximum Bore drawdown as determined by the flow test method. Used by Located	3 m	
66372	3/02/1992	Bore Pumping Rate (flow test) Bore Pumping Rate as determined by the flow test method. Used by Located	192 m3/day	
66372	3/02/1992	Static Bore Water Level (flow test) The static bore or well water level as determined by the flow test method. Used by Located	4 m	

Stratigraphic Log

Depth (m)	Primary Lithology	Secondary Lithology	Description
0 - 1	Clay		
1 - 7	Pumice		

DISCLAIMER: Environment Waikato (Waikato Regional Council) provides this information in good faith and has exercised all reasonable skill and care in controlling the content of this information, and accepts no liability in contract, tort or otherwise, for any loss, damage, injury or expense (whether direct, indirect or consequential) arising out of the provision of this information or its use by you.

Resource Consent Certificate

Resource Consent: 117493
Consent Type: Water permit
Consent Subtype: Ground water take

Pursuant to the Resource Management Act 1991, the Waikato Regional Council hereby grants consent to:

Te Aroha Jockey Club (Inc)
P.O. Box 6
TE AROHA 2971

(hereinafter referred to as the Consent Holder)

Activity authorised: Take up to 144 cubic metres of ground water per day for racecourse and training track irrigation purposes
Location: Stanley Avenue South - Te Aroha
Map Reference: NZMS 260 T13:493-010
Consent Duration: This consent will commence on the 1 February 2008 and expire on 1 July 2018
Site of Take and Use: Lot 7 DPS 86335

Subject to the conditions overleaf:

- 1) The abstraction of groundwater shall be performed as specified in the resource consent conditions below and in accordance with the application for this resource consent lodged 5 November 2007 and any documentation supporting the application.
- 2) This resource consent is granted by the Waikato Regional Council subject to its officers or agents being permitted access to the property at all reasonable times for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.

Operational Limits

- 3) The maximum volume of water taken shall not exceed **144 cubic metres in any 24 hour period**.
- 4) The maximum rate of abstraction shall not exceed **1.67 litres per second**.
- 5) The maximum annual volume of water to be abstracted for irrigation purposes shall not exceed **17,280 cubic metres**.

Metering, Monitoring and Reporting

- 6) A water measuring device shall be installed to record the quantity of water taken on a cumulative basis from the production well (Located no. 64_746). The meter shall have a reliable calibration to water flow which shall be maintained to an accuracy of +/- 5%. Access to the meter shall be provided to Waikato Regional Council staff at all reasonable times.
- 7) Calibration of the water measuring device shall be undertaken by the consent holder, at the request of Waikato Regional Council, if during the term of this consent the accuracy is determined to be less than that required by condition 6. The calibration shall be undertaken by an independent qualified person and evidence documenting the calibration shall be forwarded to the Waikato Regional Council within one month of the calibration being completed.
- 8) The consent holder shall maintain a record of:
 - weekly pumping hours (the actual number and period of hours over which water was taken), and
 - weekly water usage (total weekly volume).These records shall be made available to the Waikato Regional Council at all reasonable times. These records shall be forwarded to the Waikato Regional Council by 1 June for each year that the consent is current.
- 9) The consent holder shall provide to the Waikato Regional Council an 'as built' plan of the water measuring device prior to the exercise of this consent.

Well Access

- 10) Access to the bore to perform pumping tests, and for the measurement of static water levels and water quality sampling, shall be provided to the staff and agents of the Waikato Regional Council at all times.

Review

- 11) The Waikato Regional Council may in the year 2013, serve notice on the consent holder under section 128 (1) of the Resource Management Act 1991, of its intention to review the conditions of this resource consent for the following purposes:
- to review the effectiveness of the conditions of this resource consent in avoiding or mitigating any adverse effects on the environment from the exercise of this resource consent and if necessary to avoid, remedy or mitigate such effects by way of further or amended conditions
 - to review the adequacy of and the necessity for monitoring undertaken by the consent holder (inclusive of any requirement for electronic metering)
 - to ensure the volume authorised by this resource consent is consistent with actual water needs
 - to take into account any changes to the Waikato Regional Plan and/or Policies.

Note: Costs associated with any review of the conditions of this resource consent will be recovered from the consent holder in accordance with the provisions of section 36 of the Resource Management Act 1991.

Administration

- 14) The consent holder shall pay to the Waikato Regional Council any administrative charge fixed in accordance with section 36 of the Resource Management Act 1991, or any charge prescribed in accordance with regulations made under section 360 of the Resource Management Act.

*For and on behalf of the
Waikato Regional Council*



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Advice notes

1. In accordance with section 125 RMA, this consent shall lapse five (5) years after the date on which it was granted unless it has been given effect to before the end of that period.
2. Where a resource consent has been issued in relation to any type of construction (e.g. dam, bridge, jetty) this consent does not constitute authority to build and it may be necessary to apply for a Building Consent from the relevant territorial authority.
3. This resource consent does not give any right of access over private or public property. Arrangements for access must be made between the consent holder and the property owner.
4. This resource consent is transferable to another owner or occupier of the land concerned, upon application, on the same conditions and for the same use as originally granted (s.134-137 RMA).
5. The consent holder may apply to change the conditions of the resource consent under s.127 RMA.
6. The reasonable costs incurred by Waikato Regional Council arising from supervision and monitoring of this/these consents will be charged to the consent holder. This may include but not be limited to routine inspection of the site by Waikato Regional Council officers or agents, liaison with the consent holder, responding to complaints or enquiries relating to the site, and review and assessment of compliance with the conditions of consents.