

Proposed Plan Change 1A

to the

Regional Plan: Water for Otago



August 2005

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Introduction

Proposed Plan Change 1A to the Regional Plan: Water for Otago (Water Plan) has been publicly notified. It is a package of miscellaneous amendments to the Water Plan consisting of matters consequential to recent Resource Management Amendment Acts, and minor changes to correct wording and to clarify meaning. There is an accompanying Section 32 report available from the Dunedin office of the Otago Regional Council.

How to make a submission

Submissions can be made on any aspect of Proposed Plan Change 1A. Please note that submissions must be received by **5.00pm Wednesday 14 September 2005**. There is a submission form attached to the back of this document. Your submission can be:

Posted to: Proposed PC1A to Water Plan
Resource Planning Unit
Otago Regional Council
Private Bag 1954
DUNEDIN

Faxed to: (03) 479 0015
Subject: Proposed PC1A to Water Plan
Attn: Resource Planning Unit

Emailed to: info@orc.govt.nz
Subject: Proposed PC1A to Water Plan
Attn: Resource Planning Unit

Delivered to: Otago Regional Council
70 Stafford Street
DUNEDIN
Subject: Proposed PC1A to Water Plan
Attn: Resource Planning Unit

If you wish to discuss any aspect of Proposed Plan Change 1A to the Water Plan, please ring one of the following numbers:

Within the Dunedin area 474 0827
Outside the Dunedin area 0800 474 082

Once Proposed Plan Change 1A is publicly notified, any person may lodge a submission in writing. After the closing date for submission, the Otago Regional Council will prepare a summary of the submissions and this summary will be publicly notified. There will be an opportunity to make a further submission in support of, or in opposition to, the submissions already made. A hearing will be held if a person making a submission asks to be heard in support of his or her submission. The Otago Regional Council will give its decision on the proposal (including its reasons for accepting or rejecting submissions). Any person who has made a submission will have the right to appeal the decision on the proposal to the Environment Court.

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1. Summary of proposed changes

Proposed Plan Change 1A (PC1A) to the Regional Plan: Water for Otago (Water Plan) is the first plan change to the Water Plan since it was made operative on 1 January 2004. Proposed PC1A is a package of minor, miscellaneous amendments to correct wording, clarify meaning and incorporate provisions introduced to the Resource Management Act 1991 (RMA) by the Resource Management Amendment Act 2003 (RMAA) and the Resource Management (Energy and Climate Change) Amendment Act 2004 (RMECCAA).

Proposed changes to correct wording and clarify meaning in the Water Plan, range from the addition of cross-references to the insertion of new words in the Glossary. Other proposed changes update clauses in the Water Plan in relation to provisions introduced by the RMAA and the RMECCAA. These include changes resulting from amendments made to sections 6 and 7 of the RMA, and the introduction of limited notification to the RMA.

An evaluation of alternatives, benefits and costs for proceeding with Proposed PC1A has been carried out in accordance with Section 32 of the RMA. The 'Section 32 Report' is available from the Dunedin office of the Otago Regional Council (ORC).

2. Detail of proposed changes

The proposed changes are listed in the following tables under the broad headings of General Plan changes, Resource Management Amendment Act related changes and Map related changes. The majority of the proposed changes are shown using track changes, i.e. words proposed to be added are shown underlined and words proposed to be deleted are shown ~~struck through~~.

2.1 General Plan changes

Reference No.	Provision	Issue/Problem	Proposed changes to Water Plan
1	New	What map series do the grid references in the Water Plan relate to?	Add the following statement to the inside front cover of the Plan: <u>All grid references used in this Plan are based on the NZMS 260 Series.</u>
2	Principal reasons for adopting Policy 5.4.3, pg 43	Principal reasons for adopting Policy 5.4.3 should be more consistent with the Explanation to Policy 5.4.3.	Change the bottom paragraph of the Principal reasons for adopting Policy 5.4.3 to read: Activities that can affect the lawful uses of lakes and rivers and their margins need to be managed so that any adverse effects are avoided; <u>in preference to remedied or mitigated.</u>
3	Policy 6.4.5, pg 63	A semi-colon has been used incorrectly.	Change Policy 6.4.5(b) to read: In the case of any resource consent to take surface water from within the Taieri above Paerau and between Sutton and Outram, Shag, Kakanui, Water of Leith, Lake Hayes, Waitahuna and Lake Tuakitoto catchment areas as defined in Schedule 2A ₂ , upon the operative date of this Plan subject to the review of consent conditions under Section 128 to 132 of the Resource Management Act; and
4	Policy 6.4.12, pg 70	Cross-reference to Other method 15.3.2.1 is missing.	Add Other method 15.3.2.1 to the list of cross-references for Policy 6.4.12: <u>Other methods: 15.2.2.1, 15.3.2.1</u>
5	Principal reasons for adopting Policy 7.7.5, pg 92	The Principal reasons for adopting Policy 7.7.5 are poorly worded.	Change the Principal reasons for adopting Policy 7.7.5 to: This policy is adopted to ensure that the cumulative effects of discharges, the assimilative capacity of the water body and the effects of any takes of water considered under Policy 6.4.4, 6.4.6, 6.4.7 or 6.4.9(b), will not be considered in the absence of the effects of discharges to the same receiving water body <u>will all be considered when assessing applications for resource consents.</u>
6	Issue 8.2.3, pg 104	Cross-reference to Policy 5.4.10 is missing.	Add Policy 5.4.10 to the list of cross-references for Issue 8.2.3: <u>Policies: 5.4.10, 8.4.2, 8.5.2, 8.8.1</u>

Reference No.	Provision	Issue/Problem	Proposed changes to Water Plan
7	Explanation to Policy 9.2.3, pg 122	Last sentence of the Explanation is poorly worded.	<p>Proposed changes to Water Plan</p> <p>Change the last sentence of the Explanation to Policy 9.2.3 to read: Some groundwater resources are protected from the infiltration of contaminants by a relatively thin layer of soil or impervious sediment, which can be compromised or removed by excavation can remove or compromise.</p>
8	Policy 9.4.2, pg 125	Policy 9.4.2 should be more consistent with Policy 5.4.2.	<p>Change the beginning of Policy 9.4.2 to read: In managing the taking of water from any groundwater aquifer, to give priority will be given to the avoidance of to avoiding, in preference to remedying or mitigating:</p>
9	Policy 6.4.12, pg 69 Policy 9.4.12, pg 130	Policy 6.4.12 and 9.4.12 should be more consistent with how water allocation committees are being set-up and managed in practice.	<p>Change Policy 6.4.12 to read: To promote the establishment of, and to, establish and support appropriate water allocation committees to assist in the management of water rationing and flow monitoring during periods of water shortage.</p> <p>Change Policy 9.4.12 to read: To promote, establish and support appropriate water allocation committees to assist in the management of the taking or using of groundwater.</p>
10	Explanation to Policy 9.4.12, pg 131	The Explanation to Policy 9.4.12 should be more consistent with the Explanation to Policy 6.4.12.	<p>Change the second paragraph of the Explanation to Policy 9.4.12 to read: <u>The committees will be made up of local representatives of people taking water from within the catchment affected by the restriction regime. The Otago Regional Council will appoint such committees, as subcommittees of the Council, for the purpose of developing and managing rationing regimes. The Council will support them by providing information on water levels, and advice on options for rationing to suit particular circumstances, and by enforcing compliance with rationing regimes, as provided for by Policy 9.4.13. The rationing regimes require approval of the Otago Regional Council.</u></p>

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11	Policy 9.4.12, pg 131	Cross reference to Other method 15.3.2.1 is missing.	Add Other method 15.3.2.1 to the list of cross-references for Policy 9.4.12: <i>Other methods: 15.2.2.1, 15.3.2.1</i>
12	Explanation to Policy 9.4.21, pg 136	Explanation to Policy 9.4.21 is poorly worded.	Change the first sentence of the Explanation to Policy 9.4.21 to read: This Plan will support <u>The Council supports</u> codes of practice and management guidelines that reduce the adverse effects of land use activities on groundwater quality.
13	Table 2 in Chapter 11, pg 154	The word 'replacement' has been used when referring to structures in Chapter 13 of the Plan but it has not been used when referring to structures in Chapter 14 of the Plan. Both chapters should have consistent wording. This results in subsequent changes to Chapters 11 and 16 of the Plan.	Change the second column of the row in Table 2 referring to Defences against water to read: 14.3 The erection, reconstruction , placement, <u>extension</u> , alteration, <u>extension</u> , <u>replacement</u> , <u>reconstruction</u> , <u>removal</u> or demolition or removal of a defence against water
	Heading to Section 14.3, pg 218		Change the heading to Section 14.3 to read: 14.3 The erection, placement, extension, alteration, replacement, reconstruction, placement, alteration, extension, removal or demolition of a defence against water other than on the bed of any lake or river
	Rule 14.3.2.1, pg 218		Change Rule 14.3.2.1 to read: Except as provided for in Rule 14.3.1.1, the erection, <u>placement</u> , <u>extension</u> , <u>alteration</u> , <u>replacement</u> , <u>reconstruction</u> , <u>removal</u> , of any defence against water, other than on the bed of any lake or river, is a <i>discretionary</i> activity.
	Specific information		Change the heading of Specific information requirement 16.3.13 to read:

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	<p>requirement 16.3.13, pg 243</p>		<p>The erection, placement, extension, alteration, replacement, reconstruction, placement, alteration, extension, removal, or demolition or removal of a defence against water</p> <p>Change Specific information requirement 16.3.13(3)(a) to read: The material to be used to erect, or <u>place</u>, or extend, or alter, or <u>replace</u>, or reconstruct, or place, or alter, or extend the defence against water</p> <p>Change Specific information requirement 16.3.13(10) to read: In the case of extension, alteration, <u>replacement</u>, or reconstruction, a description of the current legal status of the defence against water including compliance with any district rule or proposed district rule.</p>
14	<p>Rule 12.1.3.1, pg 160 Rule 12.2.3.4, pg 172 Rule 12.5.2.1, pg 180 Rule 12.8.2.1, pg 187 Rule 12.9.2.1, pg 190 Rule 12.10.2.1, pg 191 Rule 12.11.3.1, pg 194 Rule 13.1.2.1, pg 198 Rule 13.2.2.1, pg 202 Rule 13.3.2.1,</p>	<p>There are now two forms of notification under the Resource Management Act 1991 (RMA) – full public notification and limited notification. Limited notification was introduced into the RMA in order to streamline notification processes and reduce costs. Unfortunately, the existing non-notification statements used for controlled and restricted discretionary rules in the Plan do not currently apply to the limited notification process.</p>	<p>Change the last paragraph of:</p> <ul style="list-style-type: none"> ▪ Rule 12.1.3.1 ▪ Rule 12.2.3.4 ▪ Rule 12.5.2.1 ▪ Rule 12.8.2.1 ▪ Rule 12.9.2.1 ▪ Rule 12.10.2.1 ▪ Rule 12.11.3.1 ▪ Rule 13.1.2.1 ▪ Rule 13.2.2.1 ▪ Rule 13.3.2.1 ▪ Rule 13.4.2.1 ▪ Rule 13.7.2.1 ▪ Rule 14.1.1.1 ▪ Rule 14.2.2.1 <p>to read: Applications will <u>may</u> be considered without notification under section 93 and without the need to obtain <u>obtain</u> written <u>approval</u> of affected persons in accordance with the Resource Management</p>

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	<p>pg 203 Rule 13.4.2.1, pg 205 Rule 13.7.2.1, pg 213 Rule 14.1.1.1, pg 216 Rule 14.2.2.1, pg 217</p> <p>Rule 12.1.4.8, pg 165</p> <p>Rule 13.5.2.1, pg 210</p>		<p><u>Act, unless the Council considers that special circumstances apply service under section 94(1) on persons who, in the opinion of the consent authority, may be adversely affected by the activity.</u></p> <p>Change the beginning of Rule 12.1.4.8(i) to read: Applications for resource consent to which this Rule applies, to take water from a river, need not be notified and may be considered without the need to obtain the written approval of affected persons <u>may be considered without notification under section 93 and without service under section 94(1) on persons who, in the opinion of the consent authority, may be adversely affected by the activity, if the application is to take water from:</u></p> <p>Change the last paragraph of Rule 13.5.2.1 to read: Except in the case of extraction from the wet bed of a lake or river, applications <u>will</u> may be considered without notification under section 93 and <u>without</u> and without the need to obtain written approval of affected persons in accordance with the Resource Management Act, unless the Council considers that special circumstances apply <u>service under section 94(1) on persons who, in the opinion of the consent authority, may be adversely affected by the activity.</u></p>

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15	<p>Rule 12.1.2.6, pg 159</p> <p>Section 2.2.2, pgs 168 & 169</p>	<p>Rule 12.1.2.6 is for the taking of water for the purpose of land drainage but it is contained in section 12.1, which is for the taking of surface water. People wanting to take groundwater for the purpose of land drainage will not think to look in section 12.1, as they will go straight to section 12.2, which is for the taking of groundwater. The Rule is not found in section 12.2 so people think it requires consent.</p>	<p>Change the beginning of Rule 12.1.2.6 to read: The taking of surface water for the purpose of land drainage is a permitted activity, providing:</p> <p>Add the following Rule to section 12.2.2: <u>12.2.2.4 The taking of groundwater for the purpose of land drainage is a permitted activity, providing:</u></p> <p>(a) <u>There is no alteration of the water level of any wetland identified in Schedule 9 or any wetland higher than 800 metres above sea level; and</u></p> <p>(b) <u>The taking does not result in the lowering of the level of water in any lake or river;</u></p> <p>(c) <u>The water is not taken from any wetland identified in Schedule 10; and</u></p> <p>(d) <u>The taking does not cause flooding of any other person's property, erosion, land instability, sedimentation or property damage.</u></p>
16	<p>Rule 12.1.4.2, pg 161</p>	<p>Catchments are not listed in a logical order.</p>	<p>Change the beginning of Rule 12.1.4.2 to read: Taking of surface water as primary allocation in the following Schedule 2A catchment areas: Lake Hayes (Map B1), <u>Taieri Catchment upstream of Paerau (Map B4) Shag (Map B3),</u> <u>Shag (Map B3) Taieri Catchment upstream of Paerau (Map B4),</u> <u>Waitahuna (Map B5) Taieri Catchment Sutton to Outram (Maps B4 and B5),</u> Water of Leith (Map B5), Taieri Catchment Sutton to Outram (Maps B4 and B5) Waitahuna (Map B5), and Lake Tuakitoto (Map B5):</p>

Reference No.	Provision	Issue/Problem	Proposed changes to Water Plan
17	Rule 12.2.2.2, pg 168	Rule 12.2.2.2 should be more consistent with Rule 12.1.2.4.	Proposed changes to Water Plan Add condition (h) of Rule 12.1.2.4 to Rule 12.2.2.2 to read: <u>(g) The taking of groundwater is not suspended. The Otago Regional Council may, by public notice, suspend the taking of water under this rule if the taking of water, under a resource consent has had to cease in accordance with Rule 12.2.3.5, for the aquifer from which the taking of water under this rule is occurring.</u>
18	12.2.3.4, pg 171	Reference to Rule 12.2.3.3 is missing.	Change the beginning of Rule 12.2.3.4 to read: In considering any resource consent for the taking of groundwater in terms of Rules 12.2.3.1 and 12.2.3.2 and 12.2.3.3, the Otago Regional Council will restrict the exercise of its discretion to the following:
19	Rule 12.2.3.5, pg 172	Rule 12.2.3.5(ii) is poorly worded.	Change Rule 12.2.3.5(ii) to read: It is a term of any taking of groundwater under Rule and 12.2.3.3 that, when the aquifer levels are equal to or less than those set by those rules, the Otago Regional Council may, by public notice, suspend the taking of groundwater to enable the restrictions to be met.
20	Rule 12.3.2.3, pg 175	Condition (a) of Rule 12.3.2.3 should be built into the beginning of that Rule.	Change Rule 12.3.2.3 to read: Except as provided for by Rules 12.3.1.4, 12.3.2.1 and 12.3.2.2, the diversion of water carried out for the purposes of allowing the erection, placement, repair or maintenance of a lawful structure, is a permitted activity, providing: (a) The diversion is carried out for the purpose of allowing the erection, placement, repair or maintenance of a lawful structure; and (b)(a) The course of the water always remains within the bed of the lake or river; and (e)(b) The course of the water is returned to its normal course following the completion of the repair or maintenance, and no more than one month after the diversion occurs; and (d)(c) No lawful take of water is adversely affected as a result

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21	<p>Rules: 12.6.1.2, pg 181 12.6.1.4, pg 181</p> <p>12.8.1.1, pg 184</p> <p>12.8.1.2, pg 185 12.8.1.3, pg 186 12.8.1.4, pg 186</p>	<p>Use of the term ‘domestic purposes’ is misleading because the RMA uses the term ‘domestic needs’, which means the same thing in the context of the Water Plan.</p>	<p>(e)(d) No wetland identified in Schedule 9 nor any wetland higher than 800 metres above sea level is adversely affected; and</p> <p>(f)(e) The diversion does not cause any erosion, land instability, sedimentation or property damage.</p> <p>Change Rules 12.6.1.2(b)(ii) and 12.6.1.4(d)(ii) to read: Is used to supply water for domestic purposesneeds or drinking water for livestock; and</p> <p>Change Rule 12.8.1.1(c) to read: The discharge occurs more than 100 metres from any bore used to supply water for domestic purposesneeds or drinking water for livestock; and</p> <p>Change Rules 12.8.1.2(d), 12.8.1.3(d) and 12.8.1.4(c) to read: The discharge occurs more than 50 metres from any bore used to supply water for domestic purposesneeds or drinking water for livestock; and</p>
22	<p>Rule 12.7.1.2, pg 183</p>	<p>Rule 12.7.1.2 overlaps with Rule 12.8.1.1, which causes confusion.</p>	<p>Change the beginning of Rule 12.7.1.2 to read: <u>Except as provided for by Rule 12.8.1.1, the</u> land-based discharge of any pesticide, onto land is a <i>permitted</i> activity, providing:</p>
23	<p>Note under Heading 13.6, pg 211</p>	<p>The Pest Plant Management Strategy has been superseded by the Pest Management Strategy for Otago. The Pest Management Strategy no longer bans plants from sale, distribution and propagation. It is covered by the Biosecurity Act 1993 through declaration of unwanted organisms.</p>	<p>Change the note under Heading 13.6 to read: The Otago Regional Council’s Pest Plant-Management Strategy <u>2001</u> addresses the management of pest plants in Otago under the Biosecurity Act 1993. The Strategy bans<u>Biosecurity Act 1993 bans</u> a number of aquatic plants <u>that have been declared unwanted organisms</u>, from sale, distribution and propagation.</p>

Reference No.	Provision	Issue/Problem	Proposed changes to Water Plan
24	Rule 13.6.1.1; pg 211	A pest alga called <i>Didymo Didymosphenia geminata</i> has been identified in Southland and should be prohibited from introduction to Otago. There have been limited scientific studies carried out on the effects of <i>Didymo</i> on water bodies. However, it is thought to behave like an invasive species and could have potential negative effects on aesthetics, biodiversity, contact recreation, water supplies, angling, boating and water quality.	Change condition (j) and add a new condition to Rule 13.6.1.1 to read: (j) Water Lettuce <i>Pistia stratiotes</i> ; or (k) <i>Didymo Didymosphenia geminata</i> .
25	Rule 13.6.2.1, pg 211	There is inconsistency in the terms used within the Rule. The beginning of the Rule refers to 'introduction or planting' whereas some of the conditions only refer to 'introduction'. Those conditions should also refer to 'planting'.	Change Rule 13.6.2.1(c) to (e) to read: (c) All reasonable steps are taken to minimise the release of sediment to the lake or river during the introduction or <u>planting</u> , and there is no conspicuous change in the colour or visual clarity of the water body beyond a distance of 100 metres downstream of the introduction or <u>planting</u> ; and (d) The introduction or <u>planting</u> does not cause any flooding or erosion; and (e) The site is left tidy following the introduction or <u>planting</u> .
26	Principal reasons for adopting Rules 13.6.1.1 to 13.6.3.1, pg 212	Inconsistency in the second paragraph of the Principal reasons for adopting Rules 13.6.1.1 to 13.6.3.1 after the other changes have been made to Section 13.6.	Change the second paragraph of the Principal reasons for adopting Rules 13.6.1.1 to 13.6.3.1 to read: The Pest Plant Management Strategy for Otago bans the distribution of the those plants listed in Rule 13.6.1.1 is is banned under the <u>Biosecurity Act 1993</u> as they have been <u>declared unwanted organisms</u> . It is therefore appropriate to prohibit their introduction to the beds or the waters of Otago's lakes or rivers.

Reference No.	Provision	Issue/Problem	Proposed changes to Water Plan
27	Rule 13.7.1.1, pg 212 Rule 13.7.2.1, pg 213	We need to have some control over the removal of <i>Didymo Didymosphenia geminata</i> , a newly identified pest plant (actually an alga), if it is ever found to be in Otago. There have been limited scientific studies carried out on the effects of <i>Didymo</i> on water bodies. However, it is thought to behave like an invasive species and could have potential negative effects on aesthetics, biodiversity, contact recreation, water supplies, angling, boating and water quality.	Proposed changes to Water Plan Add the following condition to Rule 13.7.1.1 and 13.7.2.1: (xi) <i>Didymo Didymosphenia geminata</i> Change condition (a) of Rule 13.7.1.1 to read: Except in the case of <i>Lagarosiphon major</i> in Lake Wanaka or Lake Dunstan, containment is utilised to ensure no weed or <u>alga</u> fragments escape; and
28	Rule 14.1.1.1, pg 216	It should be made clear that the ORC needs to know the location of bores in relation to other bores and activities.	Change Rule 14.1.1.1(a) to read: The location of the bore, <u>including its relationship to other bores and other activities</u> ; and
29	Other method 15.5.1.2, pg 229	Other method 15.5.1.2 is poorly worded.	Change clause (iii) of Other method 15.5.1.2 to read: Maintaining a register of codes of practice and guidelines, supplied by industries that if adhered to, would <u>empty-assist with compliance</u> with specified rules in this Plan.
30	Clause 8 of Specific information requirements 16.3.1, pg 237	Only water takes under Rules 12.1.5.1 and 12.2.4.1 (where discretion is unrestricted) should have an assessment of the effects of the activity on natural and human use values, natural character, and amenity values of the affected water body.	Change the beginning of clause 8 of Specific information requirement 16.3.1 to read: In the case of any resource consent application for the taking of water under Rule 12.1.4.5 12.1.5.1 or 12.2.4.1, an assessment of the effects of the activity on:
31	Section 18.1, third paragraph, second sentence, pg 254	Sentence requires clarification.	Change the second sentence of the third paragraph of Section 18.1 to read: Land use activities can, amongst other things, result in increased sedimentation, nutrient runoff and a restriction <u>of flows</u> reduction in flows (with resultant restriction of takes).

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32	Schedule 1, fifth paragraph, second sentence, pg 263	The sentence is poorly worded.	Change the second sentence of the fifth paragraph of Schedule 1 to read: The natural character and amenity values of lakes and rivers are also important natural and human use values, and which are given effect particular regard to by Policies 5.4.8 and 5.4.9.
33	Schedule 1, sixth paragraph, second sentence, pg 263	The date specified is incorrect.	Change the sentence of Schedule 1 to read: It reflects information available at 28 February 1998 during the preparation process of this Plan. There is now additional information available for many water bodies however, and there may still be lakes or rivers for which there is no or insufficient information.
34	Schedule 1A, pg 267 Schedule 1B, pg 301 Schedule 1D, pg 308 Schedule 12, pgs 369, 372	Schedule 1A and 1B refer to 'Big Kuri Creek'. Schedule 1D refers to 'Kurinui Creek'. They are both the same creek. Schedule 12 uses both 'Big Kuri Creek' and 'Kurinui Creek'.	Change reference to Big Kuri Creek in Schedule 1A, Schedule 1B and Schedule 12 (pg 369) to read: <u>Kurinui</u> (Big Kuri) Creek Change reference to Kurinui Creek in Schedule 1D to read: <u>Kurinui</u> (Big Kuri) Creek Change reference to Kurinui Creek (Big Kuri) in Schedule 12 (pg 372) to read: 7 Kurinui (Big Kuri) Creek (Big Kuri)
35	Schedule 4, pg 318	The aquifer maximum height and restriction levels for the Calder Bore are incorrect. The original figures were calculated using an assumed datum but now we have a measured datum to base the figures on.	Change the Aquifer maximum height (metres above datum) for the Calder Bore to read: 188.66 <u>172.29</u> Change the 25% restriction or allocation committee response for the Calder Bore to read: 186.66 <u>170.29</u> Change the 50% restriction for the Calder Bore to read: 186.16 <u>169.79</u> Change the 100% restriction for the Calder Bore to read:

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36	Schedule 12, pgs 369, 372	Schedule 12 refers to 'Little Kuri Creek' and 'Kuriiti Creek' but they are both the same creek.	<p><u>185-66169.29</u></p> <p>Change reference to Little Kuri Creek in Schedule 12 (pg 369) to read: <u>Kuriiti (Little Kuri) Creek</u></p> <p>Change reference to Kuriiti Creek (Little Kuri) in Schedule 12 (pg 372) to read: 8 Kuriiti (Little Kuri) Creek (Little Kuri)</p>
37	Schedule 13, pg 387	There is an error with the date specified for the Taieri River Trust Bylaw.	<p>Make the following change to the table: Taieri River Trust Bylaw No. 1 19881960</p>
38	Explanation to Policy 8.7.1, pg 114 Explanation to Policy 8.7.2, pg 115 Principal reasons for adopting Policy 8.7.2, pg 115 Rule 12.10.1.1, pg 190 Rule 12.11.2.2, pg 193 Rule 13.6.2.1, pg 211 Schedule 1A, pg 266	The Pest Plant Management Strategy for Otago is now obsolete and the Pest Management Strategy for Otago is more up-to-date.	<p>Change the reference to the Pest Plant Management Strategy for Otago in:</p> <ul style="list-style-type: none"> ▪ the second paragraph of the Explanation to Policy 8.7.1 ▪ the first paragraph of the Explanation to Policy 8.7.2 ▪ the first sentence of the Principal reasons for adopting Policy 8.7.2 ▪ Rule 12.10.1.1(c) ▪ Rule 12.11.2.2(c) ▪ Rule 13.6.2.1(b) <p>to read: Pest Plant Management Strategy for Otago <u>2001</u></p> <p>Change the reference to the Pest Plant Management Strategy for Otago in the Schedule 1A table, page 266 to read: Pest Plant Management Strategy for the <u>Otago Region-2001</u></p>
39	Policy 8.6.5 (including its	Aquifer names should have their first letters capitalised.	<p>Change Policy 8.6.5, its Explanation and the first sentence of its Principal reasons for adopting to read:</p>

Reference No.	Provision	Issue/Problem	Proposed changes to Water Plan
	<p>Explanation and Principal reasons for adopting), pg 113</p>		<p>With respect to the Kakanui-Kauru alluvium Alluvium and Shag alluvium Alluvium groundwater aquifers, to require that any extraction of material from the bed of a lake or river does not adversely affect the aquifer.</p> <p>Explanation When considering the extraction of bed material from the Kakanui and Shag Rivers, or other surface water bodies in close proximity to the Kakanui-Kauru alluvium Alluvium and Shag alluvium Alluvium aquifers Aquifers, regard must be had to the effect of that extraction on the groundwater resource. The Kakanui-Kauru alluvium Alluvium and Shag alluvium Alluvium aquifers Aquifers are identified on Maps C10 and C11.</p> <p>Principal reasons for adopting This policy is adopted to maintain the volume and yield of groundwater from the Kakanui-Kauru alluvium Alluvium and Shag alluvium Alluvium aquifers Aquifers.</p>
<p>Explanation to Issue 9.2.5, pg 123</p> <p>Policy 9.4.9 (including its Explanation), pg 129</p>		<p>Change the second sentence of the Explanation to Issue 9.2.5 to read: The groundwater of the Waiareka Volcanic aquifer Aquifer, for example, is naturally saline.</p> <p>Change the first sentence of Policy 9.4.9 and the last two sentences of its Explanation to read: To manage the taking of water from the Kakanui-Kauru alluvium Alluvium and Shag alluvium Alluvium aquifers Aquifers in accordance with minimum flow regimes.</p> <p>Explanation This means that takes of water from the Kakanui-Kauru alluvium Alluvium and Shag alluvium Alluvium</p>	

Reference No.	Provision	Issue/Problem	Proposed changes to Water Plan
	<p>Policy 9.4.15 (including its Explanation and Principal reasons for adopting), pg 132</p>		<p><u>aquifers</u> will cease when the minimum flows established in this Plan for the Kakanui and Shag Rivers have been reached, in accordance with Policy 6.4.11. Maps C10 and C11 show the Kakanui-Kauru <u>alluvium</u> and Shag <u>Alluvium</u> <u>aquifers</u>.</p> <p>Change Policy 9.4.15, its Explanation and the first sentence of its Principal reasons for adopting to read: To require that new bores in the Papakaio and Lower Taieri <u>aquifers</u> are constructed of materials suitable to resist corrosion and in a manner that enables their complete shutdown.</p> <p>Explanation This policy establishes requirements for the construction of bores within the Papakaio and Lower Taieri <u>aquifers</u>. These requirements will enable bores to have an adequate working life, minimise water quality problems associated with corrosion, and control expected artesian conditions. Construction of new bores in these aquifers will require appropriate equipment and expertise. Map C15 shows the location of the Lower Taieri <u>aquifer</u>. Map D1 shows the Papakaio <u>aquifer</u>.</p> <p>Principal reasons for adopting This policy is adopted to ensure that the construction of bores within the Papakaio and Lower Taieri <u>aquifers</u> is appropriate for the aquifer conditions.</p> <p>Change Policy 9.4.16, its Explanation and the first sentence of its Principal reasons for adopting to read: Unless provision has been made to permanently decommission and seal the bore, to require the structural</p>
	<p>Policy 9.4.16 (including its Explanation and Principal</p>		

Reference No.	Provision	Issue/Problem	Proposed changes to Water Plan
	<p>reasons adopting), pg 133</p>		<p>condition and control mechanisms of all existing bores in the Papakaio and Lower Taieri aquifers to be certified as being secure against uncontrolled artesian discharge at no more than 5 year intervals.</p> <p>Explanation This policy establishes the need to monitor existing bores within the Papakaio and Lower Taieri aquifers to ensure that they are in sound working order, due to pressure in the aquifer and the corrosive nature of the water. The condition of the bore is considered secure when it is able to resist corrosion and be completely shut down. Map C15 shows the location of the Lower Taieri aquifer. Map D1 shows the Papakaio aquifer.</p> <p>Principal reasons for adopting This policy is adopted to ensure that there is the facility to safely and effectively control the pressures experienced in the Papakaio and Lower Taieri aquifers.</p>
<p>Explanation to Policy 9.4.23, pg 137</p>	<p>Change the last sentence of the Explanation to Policy 9.4.23 to read: The Otago Regional Council currently supports users of Papakaio and Waiaireka Volcanic aquifer groundwater, in their management of irrigation, through the provision of information and technical support where necessary, and will take the same approach where similar problems arise elsewhere in the region.</p>		<p>Change Rule 12.2.3.1(i) to read: The minimum flows in this rule apply to the taking of groundwater from the Shag Alluvium aquifer (as identified on Map C11), and from the Kakanui-Kauru Alluvium</p>

Reference No.	Provision	Issue/Problem	Proposed changes to Water Plan
			<p><u>aquifer</u> <u>Aquifer</u> (as identified on Map C10), under a resource consent.</p> <p>Change Rule 12.2.3.1(iii)(a) & (b) to read: The taking of groundwater from:</p> <p>(a) The Shag alluvium <u>Alluvium</u> aquifer <u>Aquifer</u>, is subject to the minimum flow set in Schedule 2A for the Shag catchment area; or</p> <p>(b) The Kakanui-Kauru alluvium <u>Alluvium</u> aquifer <u>Aquifer</u>, is subject to the minimum flow set in Schedule 2A for the Kakanui catchment area,</p> <p>Change the beginning of Rule 12.2.3.1(iv) to read: Except as provided in paragraph (iii) of this rule, the taking of groundwater from the Shag alluvium <u>Alluvium</u> aquifer <u>Aquifer</u> is subject to a minimum flow which is not less than either:</p> <p>Change Rule 12.2.3.1(v) to read: Except as provided in paragraph (iii) of this rule, the taking of groundwater within the first supplementary allocations specified in Schedule 2B from the Kauru-Kakanui alluvium <u>Alluvium</u> aquifer <u>Aquifer</u> is subject to minimum flows specified in Schedule 2B.</p> <p>Change the sentence after (c) of Rule 12.2.3.1(vii) to read: for the taking of groundwater from the Shag or Kakanui-Kauru alluvium <u>Alluvium</u> aquifers <u>Aquifers</u>.</p> <p>Change Rule 12.2.3.4(d) to read: In the case of takes from the Shag and Kakanui Kauru alluvium <u>Alluvium</u> aquifers <u>Aquifers</u>, the primary and supplementary allocation limits for the catchment area, including any identified in Schedule 2; and</p>
	<p>Rule 12.2.3.4, pgs 171, 172</p>		

Reference No.	Provision	Issue/Problem	Proposed changes to Water Plan
	<p>Rule 14.2.1.1, pg 217</p> <p>Rule 14.2.2.1, pg 217</p> <p>Schedule 1A, pg 267</p>		<p>Change Rule 12.2.3.4(e) to read: In the case of takes from the Shag and Kakanui-Kauru alluvium aquifers <u>Aquifers</u>, the minimum flows to be applied to the take of water, if consent is granted, including any identified in Schedule 2; and</p> <p>Change Rule 12.2.3.4(f) to read: In the case of takes from the Shag and Kakanui-Kauru alluvium aquifers <u>Aquifers</u>, where the minimum flow is to be measured, if consent is granted; and</p> <p>Change Rule 14.2.1.1(a) to read: The drilling does not occur on land over an aquifer identified in Maps C1-C17 or the Papakaio aquifer <u>Aquifer</u> on Map D1; and</p> <p>Change the beginning of Rule 14.2.2.1 to read: The drilling of land over an aquifer identified in Maps C1-C17 or the Papakaio aquifer <u>Aquifer</u> on Map D1, other than for the purpose of creating a bore and other than on the bed of any lake or river, is a controlled activity.</p> <p>Change part of the table to read: Kakanui River (note, the Kakanui-Kauru Alluvium aquifer <u>Aquifer</u> forms an integral part of the water body)</p> <p>Shag River (note, the Shag Alluvium aquifer <u>Aquifer</u> forms an integral part of the water body;)</p>
40	<p>Definition of Minimum flow in the Glossary, pg 404</p>	<p>The definition only refers to rivers but in some cases consents for the taking of groundwater, or water from a lake, close to a river, have to abide by the minimum flow for that river.</p>	<p>Change the definition of Minimum flow in the Glossary to read: The flow below which the holder of any resource consent to take water must cease taking water from that river.</p>

Reference No.	Provision	Issue/Problem	Proposed changes to Water Plan
41	New definition of Residual flow in the Glossary, pg 407	There is no definition of Residual flow in the Glossary. It should mimic Policy 6.4.7 (see Appendix 1, pg 37).	Add the following definition to the Glossary after the definition of 'Registered historic place' and before the definition of 'Resource consent': <u>Residual flow</u> Refer to Policy 6.4.7.
42	New definition of Water allocation committee in the Glossary, pg 410	There is no definition of Water allocation committee in the Glossary. It should mimic Policies 6.4.12 and 9.4.12 (see Appendix 1, pg 37).	Add the following definition to the Glossary after the definition of 'Water' and before the definition of 'Water body': <u>Water allocation committee</u> Refer to Policies 6.4.12 and 9.4.12.
43	New definition of Water user group in the Glossary, pg 410	There is no definition of Water user group in the Glossary. It should mimic Policy 5.4.12 (see Appendix 1, pg 38).	Add the following definition to the Glossary after the definition of 'Water supply values' and before the definition of 'Wet bed': <u>Water user group</u> Refer to Policy 5.4.12.

2.2 Resource Management Amendment Act related changes

Reference No.	Provision	Issue/Problem	Proposed changes to Water Plan
44	Section 2.2.2.2, pg 10	No longer consistent with the RMA.	<p>Add the following to the italicised part of Section 2.2.2.2:</p> <p><i>(f) The protection of historic heritage from inappropriate subdivision, use, and development.</i></p>
45	Section 2.2.2.3, pg 10	No longer consistent with the RMA.	<p>Change the italicised part of Section 2.2.2.3 to read:</p> <p>(a) <i>Kaitiakitanga:</i></p> <p>(aa) <i>The ethic of stewardship:</i></p> <p>(b) <i>The efficient use and development of natural and physical resources:</i></p> <p>(ba) <i>The efficiency of the end use of energy:</i></p> <p>(c) <i>The maintenance and enhancement of amenity values:</i></p> <p>(d) <i>Intrinsic values of ecosystems:</i></p> <p>(e) <i>Recognition and protection of the heritage values of sites, buildings, places, or areas Repealed:</i></p> <p>(f) <i>Maintenance and enhancement of the quality of the environment:</i></p> <p>(g) <i>Any finite characteristics of natural and physical resources:</i></p> <p>(h) <i>The protection of the habitat of trout and salmon:</i></p> <p>(i) <i>The effects of climate change:</i></p> <p>(j) <i>The benefits to be derived from the use and development of renewable energy.</i></p>
46	Note at the beginning of the Glossary, pg 394	Not all of the RMA terms in the Glossary are defined by Section 2 of the RMA.	<p>Change the note at the beginning of the Glossary to read:</p> <p>Terms marked with an asterisk * are terms defined by Section 2 of the Resource Management Act 1991.</p>
47	Definition of Contaminant in the Glossary, pg 397	No longer consistent with the RMA.	<p>Change the beginning of the definition of Contaminant in the Glossary to read:</p> <p>Includes any substance (including gases, odorous compounds, liquids, solids, and micro-organisms) or energy (excluding noise) or heat, that either by itself or in combination with the same, similar, or other substances, energy or heat:</p>

Reference No.	Provision	Issue/Problem	Proposed changes to Water Plan
48	Definition of Controlled activity in the Glossary, pg 397	No longer consistent with the RMA.	<p>Proposed changes to Water Plan</p> <p>Change the definition of Controlled activity in the Glossary to read:</p> <p>An activity which—</p> <p>(a) Is provided for, as a controlled activity, by a rule in a plan or proposed plan; and</p> <p>(b) Complies with standards and terms specified in a plan or proposed plan for such activities; and</p> <p>(c) Is assessed according to matters the consent authority has reserved control over in the plan or proposed plan; and</p> <p>(d) Is allowed only if a resource consent is obtained in respect of that activity.</p> <p><u>If an activity is described in the Resource Management Act 1991, regulations, or a plan or proposed plan as a controlled activity,=</u></p> <p><u>(a) A resource consent is required for the activity; and the consent authority has no power to decline that resource consent; and</u></p> <p><u>(b) The consent authority must specify in the plan or proposed plan matters over which it has reserved control; and</u></p> <p><u>(c) The consent authority’s power to impose conditions on the resource consent is restricted to the matters that have been specified under paragraph (b); and</u></p> <p><u>(d) The activity must comply with the standards, terms, or conditions, if any, specified in the plan or proposed plan.</u></p>
49	Definition of Discretionary activity in the Glossary, pg 398	No longer consistent with the RMA.	<p>Change the definition of Discretionary activity in the Glossary to read:</p> <p>An activity—</p> <p>(a) Which is provided for, as a discretionary activity, by a rule in a plan or proposed plan; and</p> <p>(b) Which is allowed only if a resource consent is obtained in respect of that activity; and</p> <p>(c) Which may have standards and terms specified in a plan</p>

Reference No.	Provision	Issue/Problem	Proposed changes to Water Plan
50	Definition of Permitted activity in the Glossary, pg 406	No longer consistent with the RMA.	<p>of proposed plan; and</p> <p>In respect of which the consent authority may restrict the exercise of its discretion to those matters specified in the plan or proposed plan for that activity.</p> <p><u>If an activity is described in the Resource Management Act 1991, regulations, or a plan or proposed plan as a discretionary activity, –</u></p> <p>(a) <u>A resource consent is required for the activity; and</u></p> <p>(b) <u>The consent authority may grant the resource consent with or without conditions or decline the resource consent; and</u></p> <p>(c) <u>The activity must comply with the standards, terms or conditions, if any, specified in the plan or proposed plan.</u></p> <p>Change the definition of Permitted activity in the Glossary to read:</p> <p>An activity that is allowed by a plan without a resource consent if it complies in all respects with any conditions (including any conditions in relation to any matter described in Section 108 or Section 220) specified in the plan.</p> <p><u>If an activity is described in the Resource Management Act 1991, regulations, or a plan or proposed plan as a permitted activity, a resource consent is not required for the activity if it complies with the standards, terms, or conditions, if any, specified in the plan or proposed plan.</u></p>
51	Definition of Prohibited activity in the Glossary, pg 406	No longer consistent with the RMA.	<p>Change the definition of Prohibited activity in the Glossary to read:</p> <p>An activity which a plan expressly prohibits and describes as an activity for which no resource consent shall be granted; and which includes any activity prohibited by Section 105(2) of the Historic Places Act 1993.</p> <p><u>If an activity is described in the Resource Management Act 1991, regulations, or a plan as a prohibited activity, no application may be made for that activity and a resource consent</u></p>

Reference No.	Provision	Issue/Problem	Proposed changes to Water Plan
52	Definition of Public notice in the Glossary, pg 407	No longer consistent with the RMA.	<p>Change the definition of Public notice in the Glossary to read:</p> <p>(a) When given by a Minister of the Crown in relation to any matter other than a restricted coastal activity, a notice published in one or more daily newspapers circulating in the main metropolitan areas:</p> <p>(b) When given by a local authority, consent authority, or requiring authority (including the Minister of Conservation in the case of a restricted coastal activity decision), a notice published in—</p> <p>(i) One or more daily newspapers circulating in the region or district of the local authority or to which the consent or requirement relates; or</p> <p>(ii) One or more other newspapers that have at least an equivalent circulation in that region or district,</p> <p>together with such other public notice (if any) as the Minister, local authority, consent authority, or requiring authority thinks desirable in the circumstances; and</p> <p>“publicly notify” and “public notification” have corresponding meanings</p> <p><u>A notice published in a newspaper circulating in the entire area likely to be affected by the proposal to which the notice relates.</u></p>
53	New definition of Restricted discretionary activity in the Glossary, pg 408	There is no definition of Restricted discretionary activity in the Glossary.	<p>Add the following definition to the Glossary after the definition of ‘Resource consent’ and before the definition of ‘Reticulated system, or reticulation’:</p> <p><u>Restricted discretionary activity*</u></p> <p><u>If an activity is described in the Resource Management Act 1991, regulations, or a plan or proposed plan as a restricted discretionary activity,—</u></p> <p>(a) <u>A resource consent is required for the activity; and</u></p> <p>(b) <u>The consent authority must specify in the plan or proposed plan matters to which it has restricted its discretion; and</u></p>

Reference No.	Provision	Issue/Problem	Proposed changes to Water Plan
			<p>(c) <u>The consent authority's powers to decline a resource consent and to impose conditions are restricted to matters that have been specified under paragraph (b); and (d) The activity must comply with standards, terms, or conditions, if any, specified in the plan or proposed plan.</u></p>

2.3 Map related changes

Reference No.	Provision	Issue/Problem	Proposed changes to Water Plan
54	Map A6	It is difficult to distinguish between Community Water Supply Takes 51 and 54.	Insert a map frame labelled as Inset 1 showing a close up of Community Water Supply Takes 51 and 54 (see attached Map A6 on page 32 to see change).
55	Rule 12.2.2.2, pg 168	There is inconsistency in the labelling of groundwater protection zones between the Plan and the Maps. Clear distinction needs to be made between 'Aquifers', 'Groundwater Protection Zones' and 'Groundwater Zones'. The Dunstan Flats Aquifer was never intended to have Groundwater Protection Zones; it was always meant to have Groundwater Zones. Rules are less stringent for the discharge of human sewage over Groundwater Zones than they are for Groundwater Protection Zones.	<p>Change Rule 12.2.2.2(b)(v) to read: Dunstan Flats <u>Groundwater Zone B</u> (as identified on Map C4);</p> <p>Change Rule 12.2.2.2(c)(i) to read: Lower Waitaki Plains <u>Groundwater Protection Zone B</u> (as identified on Map C9);</p> <p>Change Rule 12.2.2.2(c)(vi) to read: Dunstan Flats <u>Groundwater Zone A</u> (as identified on Map C4);</p> <p>Change Rule 12.2.2.2(d)(i) to read: Lower Waitaki Plains <u>Groundwater Protection Zone A</u> (as identified on Map C9); and</p> <p>Change the Map C Index title to read:</p> <p style="text-align: center;">Map C Index</p> <p>- <u>Aquifers, Groundwater Zones and Groundwater Protection Zones</u> Refer to Schedule 3A, Rules in 12.2, and Policies 9.4.1, 9.4.15-16 and 9.4.18-20</p>
	Map C Index		Change the Map C Index title to read: Manuherikia Claybound, Manuherikia Alluvium, Dunstan Flats and
	Map C4		Change the Map C4 title to read: Manuherikia Claybound, Manuherikia Alluvium, Dunstan Flats and

Reference No.	Provision	Issue/Problem	Proposed changes to Water Plan
56	<p>Schedule 10, pg 360</p> <p>Map G5</p>	<p>The wrong grid reference is specified in Schedule 10 for Additional Wetland no. 98 – Upper Waianakarua Estuary and this error has been copied over to Map G5, which shows the location of the wetland.</p>	<p>Earnsclough Terrace Aquifers, and Groundwater Protection Zones</p> <p>Change the Map C4 key labels for the hatched zones to read: Groundwater Protection-Zone A Groundwater Protection-Zone B</p> <p>Change the grid reference for Additional Wetland no. 98 in Schedule 10 to read: J42 146416 485</p> <p>Reposition Additional Wetland no. 98 on Map G5 using the amended grid reference J42 416 485 (see attached Map G5 on page 33 to see change).</p>

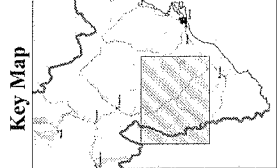
Map A6



Map Scale
1:250,000

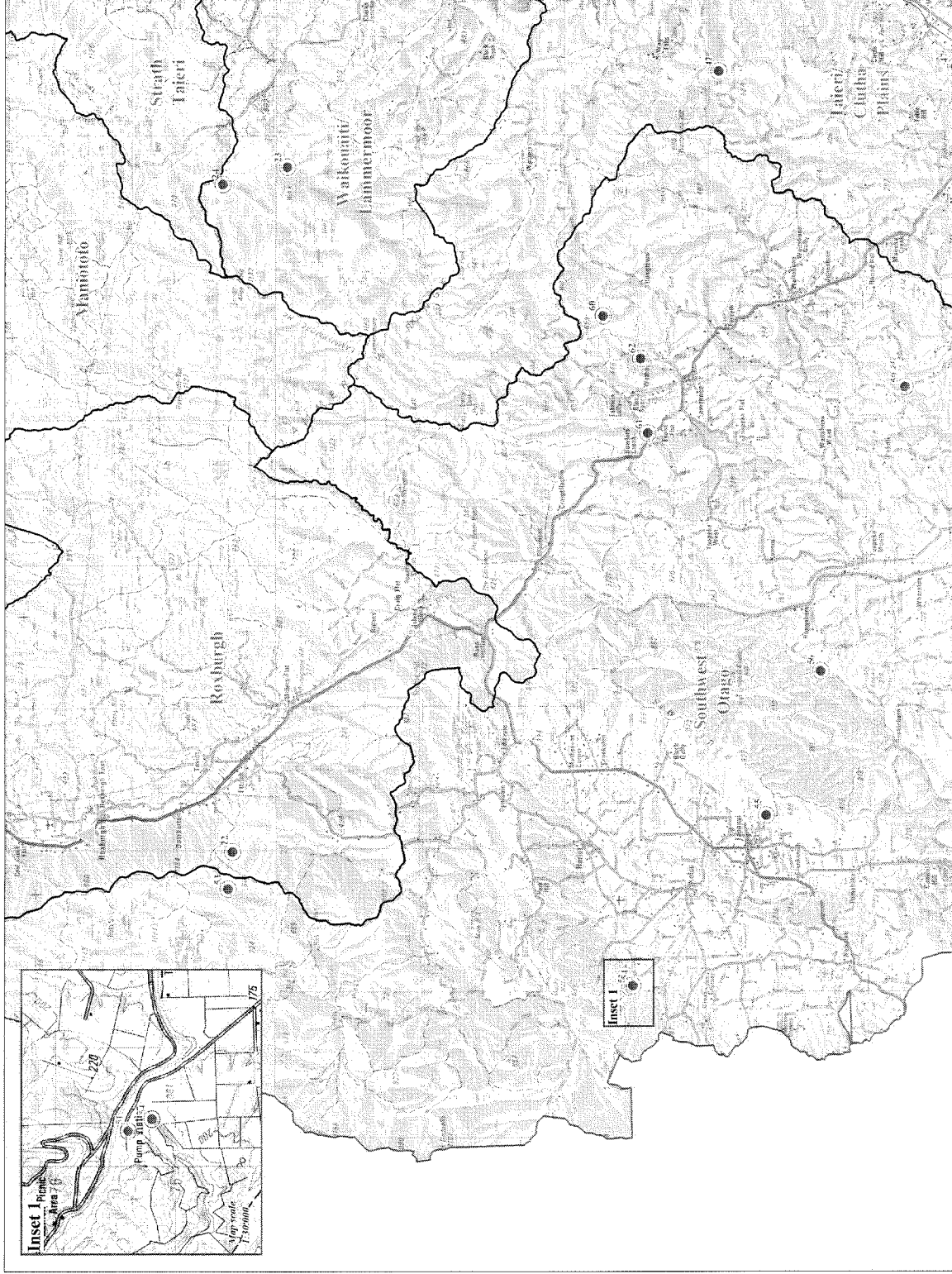
- Key**
- Regional Boundary
 - Subregional Boundary
 - Community Water Supply Take from Lakes and Rivers
 - Community Water Supply Take from Groundwater Aquifers

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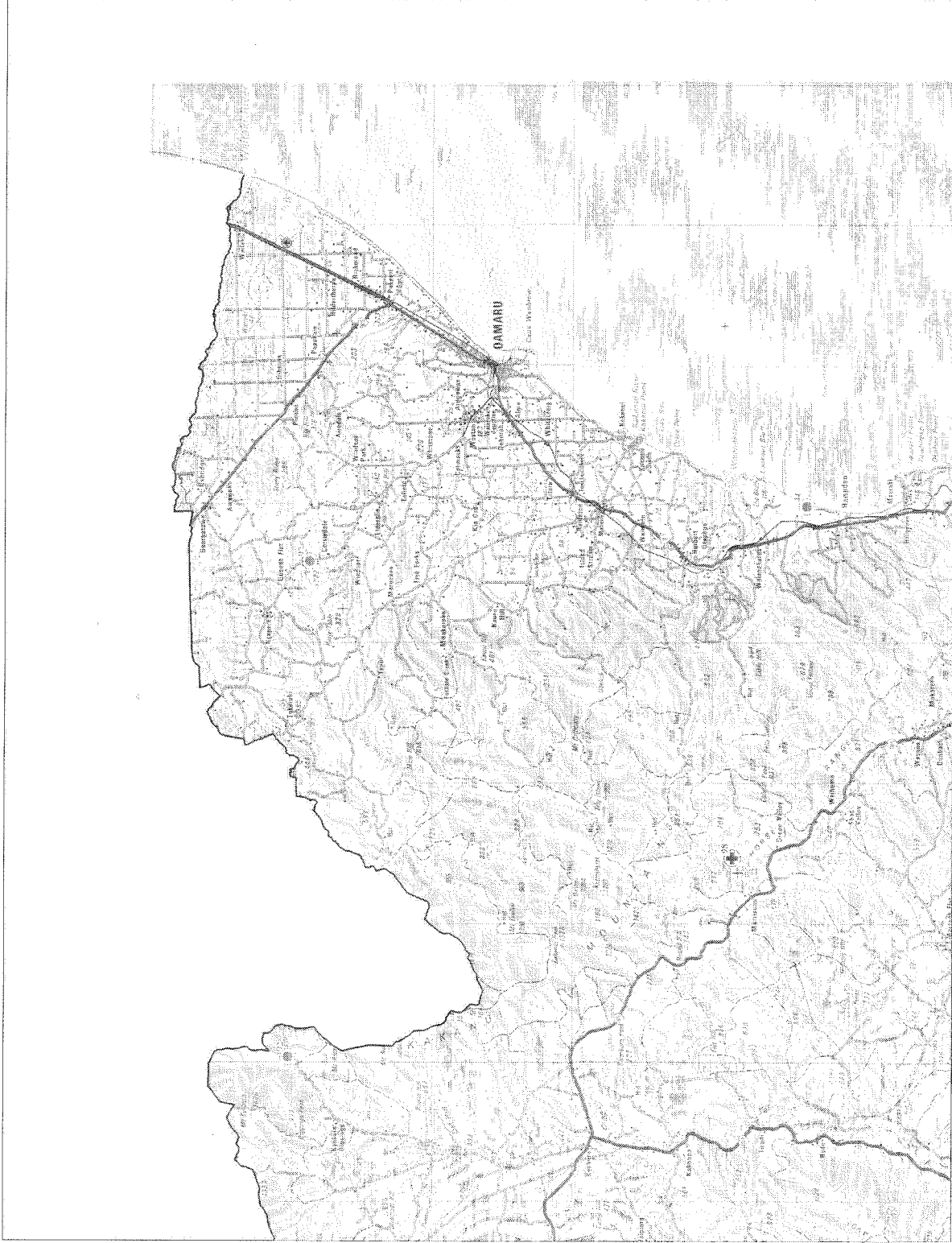
Please note: This map is not shown to scale

Community Water Supply Takes also showing Subregional Boundaries



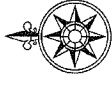
Please note: This map is not shown to scale

Additional Wetlands



Map G5

Grid North

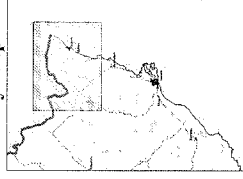


Map Scale
1:250,000

Key

- Regional Boundary
 - Additional Wetland to be deleted
 - Additional Wetland to be added
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Key Map



Form 5

**Submission on Proposed Plan Change 1A to the Regional Plan: Water for Otago
Clause 6 of First Schedule, Resource Management Act 1991**

To: Otago Regional Council

Name of submitter: *[full name]*

This is a submission on:

Proposed Plan Change 1A to the Regional Plan: Water for Otago

The specific provisions of the proposal that my submission relates to are:

[give details]

My submission is:

[include –

- *whether you support or oppose the specific provisions or wish to have them amended; and*
- *reasons for your views]*

I seek the following decision from the local authority:

[give precise details]

I wish/do not wish *[circle preference]* to be heard in support of my submission.

If others make a similar submission, I will consider presenting a joint case with them at a hearing.

[Cross out if you would not consider presenting a joint case]

.....
Signature of submitter

(or person authorised to sign on behalf of submitter)

.....
Date

Address for service of
submitter:

Telephone:

Fax/email:

Contact person: *[name and
designation, if applicable]*

Appendix 1 – Policies extracted from the Regional Plan: Water

Residual flow policy

6.4.7 The need to maintain a residual flow at the point of take will be considered with respect to any take of water, in order to provide for the aquatic ecosystem and natural character of the source water body.

Explanation

This policy requires an assessment of whether there is any need to apply a condition on any consent to take water requiring the passing of a residual flow at the point of take. Such a residual flow condition may be applied in addition to a minimum flow applied under this Plan.

A residual flow condition may be applied to any take for community water supply purposes, or on a take from a tributary stream that has different flow characteristics from the main stem.

Residual flows will be applied and monitoring arrangements made on a case-by-case basis having regard to any effects on aquatic ecosystem values and the natural character of the source water body.

Principal reasons for adopting

This policy is adopted to enable the taking of water while providing for instream values of the source water body, particularly with respect to community water supplies and takes from tributaries that have different flow characteristics from the main stem under low flow conditions.

See also: Policy 7.7.5

Rules: 12.1.3.1, 12.1.4.2 to 12.1.5.1

Water allocation committee policies

6.4.12 To promote the establishment of, and to support appropriate water allocation committees to assist in the management of water rationing and flow monitoring during periods of water shortage.

Explanation

Water allocation committees can assist the Otago Regional Council to manage the region's water resources when flows approach minimum flows established by this Plan. These committees can effectively manage water rationing to avoid or delay reaching the minimum flow.

The committees will be made up of local representatives of people taking water from within the catchment affected by the minimum flow regime. The Otago Regional Council will appoint such committees, as subcommittees of the Council, for the purpose of developing and managing rationing regimes. It will support them by providing hydrological information, and advice on options for rationing to suit particular circumstances, and by enforcing compliance with rationing regimes, as provided for by Policy 6.4.13. The rationing regimes require approval of the Otago Regional Council.

Principal reasons for adopting

This policy is adopted to ensure that effective water rationing decisions can be made. Where possible it is intended to take full advantage of local knowledge of water user needs, to ensure local circumstances are taken into account. This is because details of rationing are

best arranged among water users to avoid unnecessary conflict in periods of water shortage. The committee membership and committees' rationing regimes require the approval of Council before they can operate as committees of Council.

Other methods: 15.2.2.1

9.4.12 To establish and support appropriate water allocation committees to assist in the management of the taking or using of groundwater.

Explanation

Water allocation committees can assist the Otago Regional Council to manage Otago's groundwater resources. In particular, where levels approach those identified in Schedule 4 for the restriction of groundwater takes, such groups can:

- (a) Effectively manage water rationing to avoid or delay reaching the restriction levels;
- (b) Manage the implementation of the take restrictions in accordance with Schedule 4.

The Otago Regional Council will appoint such committees, as subcommittees of the Council, for the purpose of developing and managing rationing regimes. The Council will support them by providing information on water levels, and advice on options for rationing to suit particular circumstances.

Principal reasons for adopting

This policy is adopted to ensure effective water allocation decisions can be made. Where possible, it is intended to take full advantage of local knowledge of water user needs, to ensure local circumstances are taken into account. This will facilitate appropriate management of the taking and use of groundwater and enable users to get involved in that management.

Other methods: 15.2.2.1

Water user group policy

5.4.12 To promote the establishment of, and support, appropriate water user groups to assist in the management of water resources.

Explanation

Water user groups can assist the Otago Regional Council to manage Otago's surface and groundwater resources. In the same way that it supports landcare groups, the Otago Regional Council can support water user groups by providing hydrological and biological information, and advice on options for managing particular activities that may affect water quantity, water quality and the nature of flow and sediment processes. Such a group can provide advice to the Council, for example on the likely effects on a water body of a new take.

Principal reasons for adopting

This policy is adopted to take full advantage of local knowledge of water user needs to ensure local circumstances are taken into account in the maintenance or enhancement of natural and human use values. This will facilitate appropriate management of surface and groundwater and, where necessary, any interactions between them, and enable users to get involved in that management.

Other methods: 15.2.3.1, 15.2.8.3, 15.3.1.1, 15.3.2.1, 15.4.2.1, 15.4.2.2, 15.4.3.1, 15.4.3.2, 15.5.1.1, 15.5.1.2, 15.7.1.1, 15.9.1.1 to 15.9.1.3