Before the Hearings Panels At Greater Wellington Regional Council

Under	Schedule 1 of the Resource Management Act 1991						
In the matter of	Proposed Change 1 to the Regional Policy Statement for the Wellington Region						
Hearing Topic	Hearing Stream 5 – Freshwater / Te Mana o te Wai						

Statement of evidence of Torrey James McDonnell on behalf of Porirua City Council (Planning)

Date: 2 November 2023

INTRODUCTION:

- 1 My full name is Torrey James McDonnell. I am employed as a Principal Planner by Incite Wellington.
- I have prepared this statement of evidence on behalf of Porirua City Council ("PCC") to provide planning evidence in support of its submission to Greater Wellington Regional Council's ("the Council") Proposed Change 1 ("Change 1") to the Regional Policy Statement for the Wellington Region ("RPS").
- 3 Specifically, this statement of evidence relates to the matters in Hearing Stream 5, Freshwater/Te Mana o te Wai.
- 4 I am authorised to provide this evidence on behalf of PCC. I am giving this evidence as a planning expert, and the views I express in this evidence are my own.

QUALIFICATIONS AND EXPERIENCE

- 5 I hold the qualifications of Bachelor of Science (Majoring in Geography) and a Master of Planning both from Otago University.
- 6 I currently work for Incite Resource and Environmental Consultants, based in the Wellington office. I provide expert advice on a variety of resource management matters, including national policy development, growth/spatial planning, district and regional plan policy development, and district and regional consenting.
- I worked for PCC as a Principal Policy Planner from 2017 to 2023. I was involved in the preparation of the 2020 Porirua Proposed District Plan ("PDP"), the 2022 Variation 1 to the PDP, and the 2022 Plan Change 19 to the Operative District Plan.
- 8 I also led the collation of PCC's submission on RPS Change 1.

- 9 Prior to PCC, my work experience included working as a Senior Analyst for the Ministry for the Environment developing national direction under the RMA; and working as a planner for the Transit New Zealand Otago/Southland regional office where my main duties included both consenting and policy input.
- 10 I am a full member of the New Zealand Planning Institute.

Code of conduct

- 11 I have read the Code of Conduct for Expert Witnesses set out in the Environment Court's Practice Note 2023. I have complied with that Code when preparing my written statement of evidence and I agree to comply with it when I give any oral evidence.
- 12 My qualifications as an expert are set out above. Except where I state I rely on the evidence of another person, I confirm that the issues addressed in this statement of evidence are within my area of expertise, and I have not omitted to consider material facts known to me that might alter or detract from my expressed opinions.

SCOPE OF EVIDENCE

- My statement of evidence addresses the following matters arising from
 PCC's submission on Change 1 as grouped in the Section 42A Hearing
 Report Hearing Stream 5: Te Mana o te Wai ("Section 42A Report"):
 - Issue 5: Objective 12 and Te Mana o te Wai Statements;
 - Issue 6: Policy 12 Management of water bodies regional plans;
 - Issue 8: Urban development effects on freshwater and the coastal marine area (Policy 14, Policy FW.3, Policy 42, and Method FW.2;

- Issue 9: Earthworks and vegetation disturbance (Policy 15 and Policy 41);
- Issue 10: Managing water takes and use (Policy 17, Policy 44, and Method 48);
- Issue 11: Protecting and restoring the ecological health of water bodies (Policy 18, Policy 40, and Policy 43);
- Issue 12: Reducing water demand (Policy FW.1 and FW.2);
- Issue 13: Policy FW.4 Financial Contributions for urban development;
- Issue 14: Policy FW.5 Water supply planning for climate change and urban development; and
- Issue 15: Policy FW.6: Allocation of responsibilities for land use and development controls for freshwater.
- 14 In preparing my evidence, I have reviewed the following:
 - The Section 32 Evaluation of provisions for Proposed Change 1 to the Regional Policy Statement for the Wellington Region (Section 32 Evaluation Report);
 - Section 42A Hearing Report Hearing Stream 5 Freshwater Te Mana o te Wai;
 - The National Policy Statement on Freshwater Management 2020 ("NPS-FM");
 - The National Policy Statement for Urban Development 2020 ("NPS-UD");

- National Environmental Standards for Freshwater 2020 ("NES-FW");
- Natural Resources Plan for the Wellington Region (Operative July 2023) ("NRP");
- Change 1 to the Natural Resources Plan for the Wellington Region (Notified October 2023);
- Te Awarua-o-Porirua Whaitua Implementation Programme (2019);
- Te Awarua-o-Porirua Whaitua Implementation Programme: Ngāti Toa Rangatira Statement (2019);
- Te Whanganui-a-Tara Whaitua Implementation Programme (2021);
- Te Mahere Wai o te Kāhui Taiao (2021);
- HS5 GWRC Legal Submission; and
- HS5 GWRC Technical Evidence from Stu Farrant.
- 15 I have included recommended amendments to Change 1 provisions addressed in my evidence in Appendix A.

EVIDENCE

Issue 5: Objective 12 and Te Mana o te Wai Statements

Objective 12 - Porirua City Council [S30.012]

16 The reporting officer recommends accepting PCC's submission in part. PCC seeks that: Amend the objective so that it is clear what the outcomes sought are. These amendments should provide clarity as to the status and purpose of the iwi statements including their weighting and status compared to the other FW objectives and how any conflicts should be managed. Ensure that any new statements that are inserted into the RPS by way of submission or subsequent variation are able to be achieved and implemented as above.

- 17 The reporting officer agrees with PCC that Objective 12 should be clear about the outcome that is sought and articulate a clear objective about the application of Te Mana o te Wai in the region.¹ They recommend the replacement of Objective 12 with a new regionally-specific objective, and two new policies.
- 18 I agree with the deletion of the notified version of Objective 12 as thissimply restates direction in the NPS-FM.
- 19 Section 3.2 of the NPS-FM requires that every regional council must engage with communities and tangata whenua to determine how Te Mana o te Wai applies to water bodies and freshwater ecosystems in the region and express this an objective. As such, I support the approach taken by the reporting officer as articulated in paragraph 170 of the section 42A Report to draw on the Whaitua Implementation Plans in drafting this objective and policies as these provide an expression of community and mana whenua views on how Te Mana o Te Wai should be given effect to in their region.
- I consider one further change is required to make it clear that Te Mana
 o Te Wai can only be given effect to in a district plan insofar as it falls
 under the statutory functions on a territorial authority under Section
 31 of the RMA. As written, it reads as though Te Mana o Te Wai should

be given full effect to at both a regional and district level, which is not possible. The NPS-FM is largely to be implemented by regional councils under Section 30 of the RMA and the NPS-FM. I have provided some recommended wording changes to Objective 12 in Appendix A to address this matter.

21 In regard to the points made on the framing of the mana whenua statements, the reporting officer does not consider that it is appropriate for anyone other than mana whenua/tangata whenua to amend the content of the statements.² The reporting officer does recommend a structural change as follows:³

In my view, to ensure the statements are given the consideration they require – that is to direct an action on behalf of those implementing the RPS – it is more appropriate to provide policy direction about the statements, rather than doing this through an objective. Objectives provide the outcome, whereas policies provide the means to achieve the objective. I therefore recommend two new policies are added to the RPS to provide policy direction about how the mana whenua/tangata whenua statements of Te Mana o Te Wai must be considered in plan changes, notices of requirement, and resource consent processes.

I support the change to include a policy that references the statements in an Appendix. This resolves the structural issue of having objectives and policies within an objective and will reduce the uncertainty created by the framing of the statements in an objective in Change 1 as notified.

Issue 6: Policy 12 – Management of water bodies – regional plans

² Para 184

³ Para 183

Policy 12 - Porirua City Council [S30.038]

- 23 PCC seeks amendments to provide clear direction to plan users and provide regional context to the NPS-FM requirements, in addition to specific wording changes (see Appendix A of this statement). The reporting officer recommends accepting PCC's submission.
- 24 PCC's submission says that they support that these matters are addressed in a regional plan in accordance with the regional council's s30 functions. However, this policy unnecessarily duplicates requirements set out already in the NPS- FM, the role of an RPS should be to articulate what national direction means at a regional level.
- 25 The reporting officer agrees at paragraph 214 of the section 4A Report that Policy 12 does not provide sufficient regional context in the implementation of the NPS-FM, and that further local context would be appropriate and recommends wording changes and inclusion of a map of Freshwater Management Unit (FMU) areas. This includes agreement with relief sought by PCC with respect to removing the phrase "and include these as rules" from subclause (g).
- 26 I consider that the policy as amended by the reporting officer still largely duplicates the NPS-FM. For example, clauses 12(d) through 12(i) replicate the National Objectives Framework (NOF) process set out in Subpart 2 of the NPS-FM, without providing any additional regionally specific policy direction.
- 27 I agree in principle with the changes recommended by the reporting officer to clause (c) of Policy 12, as these provide regional direction as outlined in the associated Section 32AA evaluation. However, I disagree that each Whaitua is necessarily an FMU as there may be multiple FMU within a Whaitua, including future Whaitua processes.
- 28 I recommend wording changes to Policy 12 as set out in Appendix A to remove duplication with the NPS-FM.

Issue 8: Urban development effects on freshwater and the coastal marine area (Policy 14, Policy FW.3, Policy 42, and Method FW.2

Policy 14 - Porirua City Council [S30.039]

- 29 The reporting officer recommends accepting PCC's submission in part. PCC seeks that the policy be amended so that it provides clear and appropriate direction to plan users in line with objectives, in addition to specific wording changes (see Appendix A of this statement).
- 30 PCC's reasons for this relief are:

Council supports that these matters are addressed in a regional plan in accordance with the Regional Council's s30 functions. Council generally supports the intent of this policy. However, this policy needs to be drafted as a policy rather than a statement, and listed items need to grammatically link to the chapeau of the policy. It also duplicates a number of other policies in the RPS, for example, clause (e) duplicates Policy 15, clause (i) duplicates (and is inconsistent with) Policy 18(o).

- 31 The reporting officer agrees with some of the amendments sought by PCC and disagrees with others, as set out in paragraphs 315, 326 and 341 of the section 42A Report. In addition, there are substantial amendments recommended to Policy 14 in response to other submissions.
- 32 I generally support Policy 14. I agree with PCC that it is appropriate that these matters are regulated by regional plans to maintain and improve fresh water in the region.
- I recommend wording changes to clause (h) in Policy 14 in Appendix A,
 as I consider that clause (h) should remain similar to the notified
 version. The location of lot boundaries does not have actual adverse

effects on freshwater as these are just legal boundaries on a map. Further, subdivision including the decision on whether or not an esplanade reserve or esplanade strip is required is a territorial authority function. I consider that this clause should direct the management of the location and design of the development itself.

- 34 I support the inclusion of 'Method FW.XX: Best practice guidance for managing urban development effects on freshwater' as recommended by the reporting officer. I consider that it is critical for the success of Policy 14 that there is best practice guidance available.
- 35 For example, in relation to Water Sensitive Urban Design (WSUD), in my opinion Plan Change 1 to the NRP is light on detail on how WSUD is to be implemented. It is not clear what specifications will apply to WSUD (as there are no technical guidelines incorporated into the NRP), how development will be monitored where no resource consent is required, and how and by whom physical WSUD assets will be maintained. If there is an expectation that territorial authorities will play a role, there will need to be Memorandum of Understanding (or similar) and a transfer of functions. I note that many of these assets will be located in land owned by or vested in territorial authorities such as roading corridors and reserves. For WSUD to deliver on the outcomes as sought through the RPS provisions, a coordinated regional implementation programme is needed.

36 I consider that Policy 14(m) should be amended to provide a pathway for works in wetlands where there is a functional or operational need, and where the effects management hierarchy can be applied, similar to the recommendation from the reporting officer in Policy 14 (ia). Otherwise, the "avoid" policy direction will likely translate into a regional rule that does not provide a consenting pathway for urban development. This would be inconsistent with the NES-FW which provides for certain activities related to urban development within and around wetlands as a restricted discretionary activity.

- 37 Porirua has identified both brownfield and greenfield land to provide long-term housing supply as required by the NPS-UD. Much of the greenfield land set aside for future urban growth in Porirua is currently hilly farmland that is too steep for wetlands to naturally occur. The current definition of wetland captures modified gullies that have low ecological value, and would otherwise have been a stream when the land was in a natural state.
- 38 I consider that providing a pathway through Policy 14 would enable urban development required to meet the NPS-UD, while still providing for the protection of natural wetlands. The effects management hierarchy provides a mechanism to offset environmental effects for a net positive ecological gain where works in wetlands cannot be avoided.
- 39 In my view, regional policy statements and plans should only be more stringent than the NES-F, where a wetland is specifically identified as having outstanding values. Otherwise, the NES-FW approach should be applied to ensure national consistently.
- 40 I recommend wording changes to Policy 14 as set out in Appendix A.
- In relation to Policy 14(ia), the reporting officer recommends new definitions for "hydraulic neutrality" and "undeveloped state". I support defining "hydraulic neutrality", however consider that the comparison of post-development runoff to land in "an undeveloped state" is not practical. For example, for brownfield development it is unclear how far back in time you would need to go for "undeveloped state", this could be especially problematic in urban areas that are heavily modified, for example large parts of downtown Wellington and Porirua are on reclaimed land. I consider it would be better to refer to the state of the land prior to the development in question.
- 42 I note that the term "hydraulic neutrality" is defined differently in various district plans throughout the region. I prefer the definition in

the Porirua PDP to the reporting officer's definition, as it uses "predevelopment" rather than "undeveloped state":

Hydraulic neutrality: means managing stormwater runoff from all new lots or development areas through either on-site disposal or storage, so that stormwater is released from the site at a rate that does not exceed the pre-development peak stormwater runoff.

- 43 The reporting officer recommends the following new method: "Method FW.X: Technical Guidance for Stormwater Management in Urban Development", which should be developed in collaboration with territorial authorities and Wellington Water. I support continual updating of guidance, but I would like to note that guidance already exists that most territorial authorities in Wellington already apply. For example, the following technical guides were developed by Wellington Water and are incorporated in the Porirua PDP by reference:
 - Wellington Water (2019) Regional Standard for Water Services;
 - Wellington Water (2019) Guide to Managing Stormwater Runoff, The use of rain tanks for hydraulic neutrality, Acceptable solution #1; and
 - Wellington Water (2019) Water Sensitive Design for Stormwater: Treatment Device Design Guideline

Policy FW.3 - Porirua City Council [S30.045]

44 The reporting officer recommends accepting PCC's submission in part. PCC opposes the policy on the basis that it lacks the necessary precision to enable its meaningful implementation and directs district plans to address matters which are outside their scope, and due to its drafting and scope represents a high regulatory requirement. PCC lists a range of concerns with the individual clauses of Policy FW.3 and seeks that either Policy FW.3 be deleted or alternatively that:

- the policy be amended to provide clear and appropriate direction to plan users in line with objectives, and delete (g), (h), (o), (p) and (q).
- Amend the explanation as follows: Policy FW.3 requires district plans to manage the effects of urban development on freshwater and the coastal marine area. This is to the extent that is relevant under a territorial authority's functions under section 31 of the RMA and in a manner that does not duplicate the functions of the Regional Council under section 30 of the RMA.
- 45 The reporting officer agrees in part that Policy FW.3 includes a number of requirements for district plans that do not sit within the responsibilities of territorial authorities. In assessing submissions on Policy 14 (which applies to regional plans) and Policy FW.3 they consider there is duplication across the policies that requires resolving including amending or deleting various clauses.
- 46 I consider that there is still considerable duplication. I recommend wording changes to Policy FW.3 as set out in Appendix A for the following reasons:
 - I consider that (a) can be deleted as (b) suitably directs partnership with mana whenua / tangata whenua;
 - I agree with PCC that (g), (k) and (o) should be deleted as these are regional council functions under section 30 (the discharge of contaminants to land/water). Policy 14 requires that regional plans regulate these matters, for example Policy FW.3 directly duplicates Policy 14(f) and Policy 42(i). Further, I consider requiring district plans to regulate these matters would duplicate

provisions contained in Plan Change 1 to the NRP (at least for Te-Awarua-o-Porirua and Te Whanganui a Tara Whaitua catchments);

- I support the inclusion of (ia) by the reporting officer which requires hydraulic neutrality – a method that I consider does align with territorial authority Section 31 functions;
- I support the recommendation by the reporting officer to delete
 (h), (m), (n), (p) and (q) for the reasons outlined in PCC's
 submission; and
- I agree with PCC that a note is needed to remind the reader of the limits of territorial authority functions through the explanation to Policy 42.

Policy 42 - Porirua City Council [S30.066]

- 47 The reporting officer recommends accepting PCC's submission. PCC [S30.066] opposes Policy 42 and requests that the policy be amended so that it applies to regional consents only.
- 48 The reporting officer agrees at paragraph 399 of the section 42A report with changes to clarify this policy applies to regional consents only, which I support.

Method FW.2 - Porirua City Council [S30.093]

49 The reporting officer recommends accepting PCC's submission in part. PCC opposes Method FW.2 on the basis that the term 'urban development' is not defined, that there is no scale or other threshold to be applied before joint processing is required, and that the method as notified would capture applications that are limited notified. PCC also considers that the policy needs to be retitled if it is to be a FW method, and it is unclear why joint processes would only be appropriate for urban development and regionally significant infrastructure (RSI) consents, and not for larger-scale rural consents. PCC also seeks specific wording changes (see Appendix A of this statement).

- I agree with the wording changes proposed by the reporting officer, noting that 'urban development' is in fact defined in the Operative RPS.
 I agree that the RPS does not address rural development to the extent that it addresses urban development, and as such it would be out of scope to broaden this method to a broader range of activities.
- 51 I support the changes encouraging early engagement with mana whenua on these types of applications as this is consistent with the application of Te Mana o Te Wai in the officer recommended version of Objective 12.

Issue 9: Earthworks and vegetation disturbance (Policy 15 and Policy 41)

Policy 15 - Porirua City Council [S30.040]

52 The reporting officer recommends accepting PCC's submission in part. PCC seeks that seeks that the policy be split into two policies so that it is clear what regional plans and district plans should each cover. PCC also seeks specific wording changes (see Appendix A of this statement).

53 PCC's reasons for this relief are:

It is important that controls in District Plans do not duplicate those in the Regional Plan. Unlike District Plans, Regional Plans can control both land uses and discharges and as such are the primary tool for achieving target attribute states for water bodies. The policy should be split into two policies so it is clear what the Regional Plan should cover and what district plans should cover. Otherwise, it lacks regulatory certainty as district plans do not have the *jurisdiction to address everything they are being required to by this policy.*

- 54 The reporting officer agrees with splitting Policy 15 into two limbs, so that it is clear which authority implements the policy.⁴ The reporting officer also agrees with amending the policy so there is further clarity about what 'mana whenua/tangata whenua and their relationship with their culture, land, water, sites, wāhi tapu and other taonga' means in a regional context.⁵
- 55 I consider that the policy as amended by the reporting officer should be further amended so that clauses (b)(iii) and (iv) of Policy15 are reallocated to clause (a). Riparian setbacks and management of sediment are regional council functions under s30.
- 56 The management of sediment is addressed by the control of a discharge into land/water under s30(1)(f). The NES-FW has made it clear that earthworks and vegetation clearance setbacks are matters that regional councils regulate. Under the NES-FW, earthworks within a wetland are prohibited under clause 53, and vegetation clearance or earthworks within 10 metres of a wetland are non-complying under clause 54. Only a regional council can enforce these rules under clause 5.
- 57 Further, the s42A version of Policy 15 is inconsistent with Policy FW.6. The reporting officer has recommended a change to Policy FW.6 as follows:

Wellington Regional Council is responsible for earthworks and vegetation clearance in riparian margins of water bodies.

⁴ Para 469, 471

⁵ Para 479

58 I recommend wording changes to Policy 15 as set out in Appendix A to address this issue.

Policy 41 - Porirua City Council [S30.065]

- 59 The reporting officer recommends accepting PCC's submission. PCC's seeks that the policy be amended so that it provides clear and appropriate direction to plan users in line with objectives, including limiting to regional consents only.
- 60 I agree with the reporting officer that this policy should relate to regional consents only.⁶

Issue 10: Managing water takes and use (Policy 17, Policy 44, and Method 48)

Policy 17 - Porirua City Council [S30.041]

- 61 The reporting officer recommends accepting PCC's submission in part. PCC seeks that this policy be retained as notified.
- 62 The reporting officer has recommended two minor changes to the policy to include "<u>health needs of the people</u>" in the chapeau (and an associated definition), and "the taking of water for marae and <u>papakāinga"</u>. I support these changes. In respect of the latter, PCC worked in partnership with Te Rūnanga o Toa Rangatira to add a Papakāinga Chapter and related zoning provisions to the Proposed Porirua District Plan (PDP) in 2020 and in its IPI, notified in 2022. Recognising this activity in the RPS better aligns with the PDP.

Policy 44 - Porirua City Council [S30.067]

63 The reporting officer recommends accepting PCC's submission.

- 64 The reporting officer agrees with the relief sought by PCC that Policy 44 should only apply to regional consents. This is on the basis that all the matters within Policy 44 fall within the responsibility of the regional council. They also agree that the policy incorrectly applies these matters to notices of requirement and unnecessarily duplicates other policies in Change 1.
- 65 The reporting officer also recommends all other wording changes sought by PCC which I support.

Method 48 - Porirua City Council [S30.096]

- 66 The reporting officer recommends rejecting PCC's submission. PCC seeks that Method 48 be timebound to increase clarity and regulatory certainty.
- 67 The reporting officer notes the relief sought by PCC and Forest and Bird to include a timeframe for Method 48 to be achieved⁷, but also notes:

I understand from Council officers that the directions in Method 48 will take time given some of the significant issues that it addresses, and this may also require the input of Central Government to implement. On this basis I do not consider that it is possible to place a timeframe on implementing Method 48 at this stage.

68 While I have not reviewed this advice from Council officers, I agree that this is a complex issue, particularly with regard to iwi/hapu rights and interests in water. As such, I agree a timeframe is not appropriate if this has not been agreed with all treaty partners.

Issue 11: Protecting and restoring the ecological health of water bodies (Policy 18, Policy 40, and Policy 43)

Policy 18 - Porirua City Council [S30.042]

- 69 The reporting officer recommends accepting PCC's submission in part. PCC is concerned that:
 - Policy 18 contains very strong policy directions that go beyond and are stricter than what is in the NPS-FM;
 - There are no exceptions in the policy and there is no hierarchy provided for when directions are not practicable;
 - Some clauses unnecessarily duplicate directions in the NPS-FM, without providing additional direction in a regional context, they also duplicate other policy directions in the RPS including Policy 14; and
 - Several clauses have a different construct to the rest of the clauses, and do not flow from 'including' in the chapeau.
- 70 PCC seeks specific wording changes to the policies (see Appendix A of this statement).
- 71 The reporting officer recommends changes in line with the relief sought by PCC, which I support. This includes:
 - Adding a qualifier to clause (e) of Policy 18 "avoiding the loss of river extent and values to the extent practicable"
 - Adding a qualifier to clause (n) of Policy 18:
 <u>"discourage restricting avoiding</u> the reclamation, piping, straightening or concrete lining of rivers <u>unless:</u>

(i) there is a functional need for the activity in that location; and

(ii) the effects of the activity are managed by applying the <u>effects management hierarchy</u>"

- Changing the grammar of the clauses so they flow from the chapeau.
- 72 I consider that a similar qualifier is required for clause (c) to provide a policy pathway for urban development in line with NES-FW Clause 45(c), subject to demonstrating a functional or operational need and applying the effects management hierarchy. I recommend wording changes to Policy 18 as set out in Appendix A.

Policy 40 - Porirua City Council [S30.064]

- 73 The reporting officer recommends accepting PCC's submission. PCC seeks the deletion of clause (d) on the basis this duplicates clauses (a) and (b).
- 74 The reporting officer agrees with PCC that there are some instances where there is duplication with other policies (e.g. clauses (d) and (h))⁸, and states that:

Where there is duplication with other policies in Change 1, I am recommending deletion of some of these clauses as a result of my recommendations on other submission points.

75 I consider that qualifiers are required for clauses (n) and (p) to provide a policy pathway for urban development in line with NES-FW Clause 45(c), subject to demonstrating a functional or operational need and applying the effects management hierarchy. I recommend wording changes to Policy 40 to address this matter as set out in Appendix A.

Issue 12: Reducing water demand (Policy FW.1 and FW.2)

- 76 The reporting officer recommends accepting PCC's submission in part.PCC's seeks that the policy be retained as notified.
- 77 The reporting officer recommends several changes, including amending the terminology to more commonly used terms. I support these changes.

Policy FW.2 - Porirua City Council [S30.044]

- The reporting officer recommends accepting PCC's submission in part.
 PCC seeks a number of specific drafting amendments to Policy FW.2, including a definition of 'registered water suppliers'.
- 79 The reporting officer notes the concerns raised by PCC in relation to the requirement in Policy FW.2(b) to include provisions in district plans requiring alternative water supplies for non-potable use.⁹ They consider that this is an appropriate provision to include in district plans and that there is a role to at least promote alternative water supplies through methods other than rules, such as design guidance, policies that provide incentives, or matters of discretion. The reporting officer recommends an amendment to clause (b) to replace 'requiring' with 'promoting'.
- 80 I support the approach and the changes recommended by the reporting officer.
- 81 In Appendix A I suggest a minor change to Policy FW.2 to remove the word "provisions" from clause (b) as this is redundant seeing as the chapeau refers to policies, rules and/or methods.

Issue 13: Policy FW.4 - Financial Contributions for urban development

Policy FW.4 - Porirua City Council [S30.046]

- 82 The reporting officer recommends rejecting PCC's submission. PCC opposes Policy FW.4 on the basis that the Council does not use financial contributions as a regulatory tool in their PDP. PCC considers financial contributions are inefficient and that they duplicate the existing approach of the Council of relying on development contributions and developer agreements administered under the LGA 2002. PCC seeks amendments to the policy to specifically provide for situations where a development contribution is already being collected.
- 83 I support the deletion of Policy FW.4 and consider that this addresses the concerns raised by PCC around requiring district plans and policies and rules requiring financial contributions.

Issue 14: Policy FW.5 – Water supply planning for climate change and urban development

Policy FW.5 - Porirua City Council [S30.068]

- 84 The reporting officer recommends rejecting PCC's submission. PCC seeks the deletion of Policy FW.5 as the matters addressed in the policy are already addressed in Long Term Plans, Asset Management Plans, and will be considered in the Wellington Region Future Development Strategy. PCC considers that it is unclear how these requirements align with the existing requirements of the NES for Sources of Human Drinking Water.
- 85 The reporting officer does not agree with the relief sought by PCC to delete Policy FW.5.¹⁰ The reporting officer considers the intent of the

policy is appropriate for inclusion in the RPS and that there should be consideration of climate change impacts on water supply and demand for future population projections. They do not consider that the mechanisms under the LGA, mentioned by PCC, are sufficient to ensure that development planning adequately considers impacts of climate change on the region's water supply for urban development.

86 I do not agree with the reporting officer. I do not see how this policy would be able to be given effect to through the provisions of a district plan. As outlined by PCC, provision of water supply is addressed by other regulatory and funding mechanisms. The protection of sources of water supply is regulated by the NES for Sources of Human Drinking Water. As such I consider that 'district' can be removed from the chapeau as outlined in my recommend amendments to Policy FW.5 in Appendix A.

Issue 15: Policy FW.6: Allocation of responsibilities for land use and development controls for freshwater

Policy FW.6 - Porirua City Council [S30.079]

- 87 The reporting officer recommends accepting PCC's submission in part. PCC opposes Policy FW.6 on the basis that it uses terminology that is inconsistent with national direction and duplicates other regulations. PCC also notes that the reference to a 10 metre setback is less stringent than the 100 metre setback required under the NES-F. PCC also seeks specific wording changes (see Appendix A of this statement).
- 88 I agree with the changes made by the reporting officer to Policy FW.6, in particular clarifying that the Regional Council is responsible for earthworks and vegetation clearance in riparian margins of water bodies. This is consistent with s30 of the RMA and the NES-FW.

Date: 2/11/2023

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Appendix A: Recommended amendments

Submission Point	Provision	Relief Sought by PCC	Section 42A	report Recommendation	Recommended Am	
Ref.		(green text where relevant)	Response	Recommended Changes (red text)]	
Porirua City Council [S30.012]	Objective 12	Amend the objective so that it is clear what the outcomes sought are.	Accept in part	New Freshwater policy in Chapter 4.1 – Regulatory Policies	New Freshwater po	
				Policy FWXX – Mana whenua/tangata whenua and Te Mana o te Wai – regional and district plans	Policy FWXX – Man regional and distric	
					 District and regional plans shall include objectives, policies, rules or other methods to give effect to Te Mana o te Wai, and in doing so: (a) Recognise and provide for the mana whenua/tangata whenua Statements of Te Mana o te Wai in Appendix 5, as applicable to the territorial authority area shown in Table X. Regional plans shall apply the mana whenua/tangata whenua statements as relevant to the scope and content of the plan change or review process. (b) Partner with mana whenua/tangata whenua in the development of the required district and regional plan objectives, policies, rules or other methods that give effect to Te Mana o te Wai. 	District and regiona methods to give eff functions under Sec (a) <u>Recognise</u> Statement: territorial a apply the r the scope a (b) <u>Partner with</u> the require other meth
				New Freshwater policy in Chapter 4.2 – Regulatory Policies – Matters to be considered	New Freshwater po considered	
				Policy FWXX: Mana whenua/tangata whenua and Te Mana o te Wai – consideration	Policy FWXX: Mana consideration	
				When considering an application for resource consent, notice of requirement, or a change, variation or review of a regional or district plan that relates to freshwater, have regard to the mana whenua/tangata whenua Te Mana o te Wai Statements contained in Appendix 5, as applicable to the territorial authority area shown in Table X.	When considering a requirement, or a cl that relates to fresh Te Mana o te Wai S respective functions the territorial author	
Porirua City Council [S30.038]	Policy 12	 Regional plans shall give effect to Te Mana o te Wai and include objectives, policies, rules and/or methods that: 	Accept	Regional plans shall give effect to <i>Te Mana o te Wai</i> and include <u>objectives</u> , policies, rules and/or methods that: (a) require that water quality, flows and water levels, and the	Regional plans shall policies, rules and/c (a) require	
	(a) require that water quality, flows and water levels, and the aquatic habitat of surface water bodies are to be managed for the purpose of safeguarding aquatic		aquatic habitat of surface water bodies are to be managed for the purpose of safeguarding aquatic ecosystem health; and	habitat purpose		
		ecosystem health; and (b) manage water bodies for other purposes identified in regional plans.		 (b) manage water bodies for other purposes identified in regional plans. (a) are prepared in partnership with mana whenua / tangata whenua and 	(b) manage plans. (a) are prepared in p	
		(a) are prepared in partnership with mana whenua / tangata whenua;		enable the application of mātauranga Māori ; (aa) adopt an integrated approach, ki uta ki tai	enable the application (aa) adopt an integr	
		(b) achieve the long-term visions for freshwater;		(b) contribute to achievinge the any relevant long-term visions for freshwater ;	(b) contribute to act	
		(c) identify freshwater management units (FMUs);		(c) identify freshwater management units (FMUs);	(c) identify freshwat	
		(d) identify values for every FMU and environmental outcomes for these as objectives;		(c) manage freshwater through the following freshwater management units (FMUs) which are shown on Map X:	(c) manage freshwa management units	
				(i) Kāpiti Whaitua	(i) Kāpiti Whaitua	

Amendments to Section 42A Version (blue text)

policy in Chapter 4.1 – Regulatory Policies

lana whenua/tangata whenua and Te Mana o te Wai – <u>rrict plans</u>

anal plans shall include objectives, policies, rules or other effect to Te Mana o te Wai in line with their respective Section 30 and 31 of the RMA, and in doing so: se and provide for the mana whenua/tangata whenua ents of Te Mana o te Wai in Appendix 5, as applicable to the al authority area shown in Table X. Regional plans shall be mana whenua/tangata whenua statements as relevant to be and content of the plan change or review process. with mana whenua/tangata whenua in the development of uired district and regional plan objectives, policies, rules or ethods that give effect to Te Mana o te Wai.

policy in Chapter 4.2 – Regulatory Policies – Matters to be

na whenua/tangata whenua and Te Mana o te Wai –

g an application for resource consent, notice of a change, variation or review of a regional or district plan eshwater, have regard to the mana whenua/tangata whenua ii Statements contained in Appendix 5 in line with their ons under Section 30 and 31 of the RMA, as applicable to thority area shown in Table X.

nall give effect to *Te Mana o te Wai* and include objectives, d/or methods that:

ire that water quality, flows and water levels, and the aquatic at of surface water bodies are to be managed for the ose of safeguarding aquatic ecosystem health; and

age water bodies for other purposes identified in regional ..

in partnership with mana whenua / tangata whenua and ation of mātauranga Māori ;

<u>egrated approach, ki uta ki tai</u>

achievinge the any relevant long-term visions for freshwater

vater management units (FMUs);

water through the following Whaitua freshwater its (FMUs) which are shown on Map X:

<u>itua</u>

Submission Point	Provision	Provision Relief Sought by PCC	Section 42A	Recommended An	
Ref.		(green text where relevant)	Response	Recommended Changes (red text)]
		(e) identify target attribute states that achieve		(ii) Ruamahanga Whaitua	(ii) Ruamahanga
		environmental outcomes, and record their baseline state;		(iii)Te Awarua-o-Porirua Whaitua	<u>(iii)Te Awarua-o</u>
		(f) set environmental flows and levels that will achieve		(iv)Te Whanganui-a-Tara Whaitua	<u>(iv)Te Whangan</u>
		environmental outcomes and long-term visions;		(v) Wairarapa Coast Whaitua	(v) Wairarapa C
		(g) identify limits on resource use including take limits that		(ca) identify part FMUs that require specific management within	(ca) identify FMU
		will achieve the target attribute states, flows and levels and include these as rules;		the FMUs identified in clause (c), in partnership with mana	within the Whaitu
				whenua/tangata whenua	mana whenua/tai
		(h) identify non-regulatory actions that will be included in Action Plans that will assist in achieving target attribute		(d) identify values for every FMU and part FMU, and environmental outcomes for each value as objectives;	(d) identify values f outcomes for each
		states (in addition to limits); and		(da) For each value identified in clause (d), identify attributes and the	(da) For each value
		(i) identify non-regulatory and regulatory actions in Actions		baseline states for those attributes	states for those attr
		Plans required by the NPS-FM		(e) For each attribute identified in clause (da), identify target attribute	(e) For each attribu
				states that achieve environmental outcomes, and record their baseline	states that achieve
				s tate;	state;
				(f) set environmental flows and levels that will achieve	(f) set environment
				environmental outcomes and long-term visions for freshwater;	environmental out
				(g) identify limits on resource use, including take limits that will	(g) identify limits of achieve the target
				achieve the target attribute states, flows and levels and include	as rules;
				these as rules;	(h) identify non-reg
				(h) identify non-regulatory actions that will be included in Action Plans	will assist in achiev
				that will assist in achieving target attribute states (in addition to limits);	(i) identify non-reg
				and	the NPS-FM
				(i) identify non-regulatory and regulatory actions in Actions Plans required by the NPS-FM	
Porirua City Council	Policy 14	Regional plans shall include objectives, policies, rules and	Accept in	Policy 14: Urban development effects on freshwater and the coastal	Policy 14: Urban de
[\$30.039]	,	methods including rules, must that give effect to Te Mana o	part	marine area receiving environments Minimising contamination in	area receiving envi
		te Wai and in doing so must:		stormwater from new development – regional plans	new development
		(a) Enable the active involvement of mana whenua / tangata whenua in freshwater management (including decision-		Regional plans shall give effect to Te Mana o te Wai and include	Regional plans sha
		making processes); and		objectives, policies, rules and methods for urban development including	policies, rules and
		(b) Identify and provide for Māori freshwater values are		rules, must that give effect to Te Mana o te Wai and in doing so must:	give effect to <u>Te M</u>
		identified and provided for;		(a) <u>Enable the active involvement of mana whenua / tangata</u>	(a) <u>Enable</u>
		(c) Require the control of both land use and discharge		whenua in freshwater management (including decision-	whenu
		effects from the use and development of land on freshwater		making processes); , and	making
		and the coastal marine area; (d) Achieve the target attribute states set for the catchment:		(ab) Identify and provide for Māori freshwater values are identified and provided for;	(ab) Identify
		(d) Achieve the target attribute states set for the catchment;			and pr
		(e) Require the development, including stormwater discharges, earthworks and vegetation clearance meet any		(b) Adopt an integrated approach, ki uta ki tai, that	(b) <u>Adopt</u>
		limits set in a regional plan;		recognises the interconnectedness of the whole environment to determine the location and form of	the interview of the term
		(f) Require that urban development is designed and		urban development;	<u>determ</u>
		constructed using the principles of Water Sensitive Urban			(c) <u>Require</u>
		Design;		(c) <u>Require the cControl of both land use and discharge effects</u> from the use and development of land urban development	from the free by
		(g) Require that urban development located and designed		on freshwater and the coastal marine area receiving	freshwa enviror
		to minimise the extent and volume of earthworks and to			enviror

anga Whaitua
ia-o-Porirua Whaitua
ganui-a-Tara Whaitua
a Coast Whaitua
MUs or part FMUs that require specific management aitua FMUs -identified in clause (c), in partnership with /tangata whenua
tes for every FMU and part FMU, and environmental ach value as objectives:
lue identified in clause (d), identify attributes and the baseline attributes
ribute identified in clause (da), identify target attribute eve environmental outcomes, and record their baseline
iental flows and levels that will achieve outcomes and long-term visions for freshwater;
ts on resource use, including take limits that will 3et attribute states, flows and levels and include these
set attribute states, nows and levels and include these

regulatory actions that will be included in Action Plans that eving target attribute states (in addition to limits); and

egulatory and regulatory actions in Actions Plans required by

development effects on freshwater and the coastal marine nvironments Minimising contamination in stormwater from nt – regional plans

nall give effect to Te Mana o te Wai and include objectives, d methods for urban development including rules, must that Mana o te Wai and in doing so must:

nle the active involvement of mana whenua / tangata nua in freshwater management (including decisionng processes);, and

ify and provide for Māori freshwater values are identified provided for;

ot an integrated approach, ki uta ki tai, that recognises nterconnectedness of the whole environment to rmine the location and form of *urban development*;

tire the cControl of both land use and discharge effects the use and development of land urban development on water and the coastal marine area receiving conments;

Submission Point Provision		rovision Relief Sought by PCC	Section 42A report Recommendation				mended Am
Ref.		(green text where relevant)	Response	Recomm	nended Changes (red text)	_	
		follow, to the extent practicable, existing land contours;			environments;	(d)	Identify
		(h) Require that urban development is located and designed		(d)	Identify how to Aachieve the target attribute states and		<u>environ</u>
		to protect and enhance gully heads, rivers, lakes, wetlands,			environmental flows and levels set for the catchment;	(e)	Require
		springs, riparian margins and estuaries;		(e)	Require the urban development, including stormwater		discharg
		(i) Require riparian buffers for all waterbodies and avoid to		(0)	discharges, earthworks and vegetation clearance to meet		<u>limits se</u>
		the piping of rivers;			any limits set in a regional plan;	(f)	Require
		(j) Require hydrological controls to avoid adverse effects of		(f)	Require that urban development to incorporate water		sensitive
		runoff quantity (flows and volumes) and maintain, to the extent practicable, natural stream flows;		(1)	sensitive urban design techniques to avoid adverse		<u>of conta</u>
		(k) Require stormwater quality management that will			effects of contaminants on waterbodies from the use and		<u>develop</u>
		minimise the generation of contaminants, and maximise, to			development of the land is designed and constructed		the prin
		the extent practicable, the removal of contaminants from			using the principles of Water Sensitive Urban Design;	(g)	Require
		stormwater; and		(g)	Require that urban development located and designed to		<u>minimis</u>
		(I) Identify and map rivers and wetlands.		(6/	minimise the extent and volume of earthworks and to		to the e
		·····			follow, to the extent practicable, existing land contours;	<u>(</u> h)	Require
				<u>(h)</u>	Require that urban development lot boundaries and new		roads fo
				<u>(II)</u>	roads for are is appropriately located and designed to		protect
					protect and enhance the health and wellbeing of adjacent		gully he and <u>est</u>
					gully heads, rivers, lakes, wetlands, springs, riparian		waterbo
					margins and estuaries including the natural form and flow	<u>(i)</u>	Require
					of the waterbody;	111	include
				<u>(i)</u>	Require urban development adjacent to natural waterbodies		rivers;
					<u>to include riparian buffers; for all waterbodies and avoid piping of rivers;</u>	(ia)	avoid th
				(:)		<u>(18)</u>	
				<u>(ia)</u>	avoid the piping of rivers for urban development unless:		<u>(i) there</u>
					(i) there is a functional need for the activity in that location;		<u>(ii) the </u>
					and		<u>manag</u>
					(ii) the effects of the activity are managed by applying the	(j)	Require /
					effects management hierarchy;		adverse e
				(i)	Require hydrological controls in urban development to avoid		maintain,
					adverse effects of runoff quantity (flows and volumes) and	<u>(k)</u>	<u>Require </u>
					maintain, to the extent practicable, natural stream flows;		<u>managen</u>
				<u>(k)</u>	<u>Require urban development to adopt stormwater quality</u>		<u>contamin</u>
					management measures that will minimise the generation of		removal o
					contaminants, and maximise, to the extent practicable, the	<u>(I)</u>	Identify a
					removal of contaminants from stormwater; and		<u>urban de</u>
				<u>(I)</u>	Identify and map rivers and wetlands within the area proposed		whenua a
					for urban development in partnership with mana	<u>(m)</u>	require
					whenua/tangata whenua and affected landowners;	values o	of natural inla
				<u>(m)</u>	require that urban development avoids the loss of extent or		<u>(i) there</u> (ii)the e
					values of natural inland wetlands; and		
				(n)	promoting the daylighting of streams.		manage
				· · · ·		and	
				Regiona	I plans shall include policies, rules and/or methods that protect		

- ify how to Aachieve the target attribute states and onmental flows and levels set for the catchment;
- ire the urban development, including stormwater arges, earthworks and vegetation clearance_to meet any set in a regional plan;
- ire that urban development to incorporate water tive urban design techniques to avoid adverse effects ntaminants on waterbodies from the use and lopment of the land is designed and constructed using rinciples of Water Sensitive Urban Design;
- ire that urban development located and designed to nise the extent and volume of earthworks and to follow, e extent practicable, existing land contours;
- aire that urban development lot boundaries and new s for are is appropriately located and designed to ect and enhance the health and wellbeing of adjacent theads, rivers, lakes, wetlands, springs, riparian margins estuaries including the natural form and flow of the erbody;
- ire urban development adjacent to natural waterbodies to ide riparian buffers; for all waterbodies and avoid piping of S:
- the piping of rivers for urban development unless:
- ere is a functional need for the activity in that location; and
- ne effects of the activity are managed by applying the effects agement hierarchy;
- e hydrological controls in urban development to avoid a effects of runoff quantity (flows and volumes) and ain, to the extent practicable, natural stream flows;
- re urban development to adopt stormwater quality gement measures that will minimise the generation of minants, and maximise, to the extent practicable, the
- al of contaminants from stormwater; and
- y and map rivers and wetlands within the area proposed for development in partnership with mana whenua/tangata ia and affected landowners;
- ire that urban development avoids the loss of extent or inland wetlands; unless:
- ere is a functional need for the activity in that location; and e effects of the activity are managed by applying the *effects*
- agement hierarchy;

	Provision	Relief Sought by PCC (green text where relevant)	Section 42A	Recommended An	
Ref.			Response	Recommended Changes (red text)	
				aquatic ecosystem health by minimising ecotoxic and other contaminants	(n) promoti
				in stormwater that discharges into water, or onto or into land that may	
				enter water, from new subdivision and development.	
				Explanation	
				Policy 14 manages the effects of urban development, including the effects	
				of contamination in stormwater, earthworks and vegetation clearance	
				from new and existing subdivision and development to halt and reverse	
				the degradation of freshwater and coastal water in receiving	
				environments.	
Porirua City Council [S30.039]	Policy 14	As above.	Accept in part	Insert a new definition of 'hydraulic neutrality'	Insert a new def
330.039]					Hydraulic neutra
				Hydraulic neutrality: managing stormwater runoff from subdivision, use	lots or developm
				and development through either on-site disposal or storage, so that peak stormwater flows and volumes are released from the site at a rate	so that stormwa
				that does not exceed the modelled peak flows and volumes from the site	exceed the pre-d
				in an undeveloped state.	
					New definition of
				New definition of 'undeveloped state'	Undeveloped et
				Undeveloped state: The modelled grassed (pastoral or urban open space)	Undeveloped state space) state of the
				state of the site prior to urban development	<u>space</u> state of a
Porirua City Council	Policy	Delete policy.	Accept in	Policy FW.3 <u>Urban development effects on freshwater and the coastal</u>	Policy FW.3 Urban
[S30.045]	FW.3		part	marine area receiving environments – district plans	marine area receiv
		Alternatively, amend policy so that it provides clear and			
		appropriate direction to plan users in line with		District plans shall include objectives, policies, and methods including rules	District plans shall
		objectives, and delete (g), (h), (o), (p) and (q).		for urban development, that give effect to Te Mana o te Wai and section	for urban developr 3.5(4) of the NPS-F
				3.5(4) of the NPS-FM, and in doing so must:	<u>5.5(4) OF the NP3-1</u>
		Amend the explanation as follows:		(a) <u>Partner with mana whenua / tangata whenua in the</u>	(a) Partne
		Amend the explanation as follows: Explanation		(a) <u>Partner with mana whenua / tangata whenua in the</u>	(a) <u>Partne</u>
				(a) <u>Partner with mana whenua / tangata whenua in the</u> preparation of district plans;	(a) <u>Partne</u> prepar
		Explanation		 (a) <u>Partner with mana whenua / tangata whenua in the</u> preparation of district plans; (b) <u>Protect and enhance Māori freshwater values, including</u> <u>mahinga kai;</u> 	(a) <u>Partne</u> prepar (b) <u>Protec</u> mahing
		Explanation Policy FW.3 requires district plans to manage the		 (a) <u>Partner with mana whenua / tangata whenua in the preparation of district plans;</u> (b) <u>Protect and enhance Māori freshwater values, including mahinga kai;</u> (c) <u>Partner with Provide for mana whenua / tangata whenua</u> 	(a) <u>Partne</u> prepar (b) <u>Protec</u> <u>mahin</u> (c) <u>Partne</u>
		Explanation Policy FW.3 requires district plans to manage the effects of urban development on freshwater and		 (a) <u>Partner with mana whenua / tangata whenua in the preparation of district plans;</u> (b) <u>Protect and enhance Māori freshwater values, including mahinga kai;</u> (c) <u>Partner with Provide for mana whenua / tangata whenua and recognise and provide for their relationship with their</u> 	(a) <u>Partne</u> prepar (b) <u>Protec</u> <u>mahin</u> (c) <u>Partne</u> <u>recogn</u>
		Explanation Policy FW.3 requires district plans to manage the effects of urban development on freshwater and the coastal marine area. This is to the extent that		 (a) <u>Partner with mana whenua / tangata whenua in the preparation of district plans;</u> (b) <u>Protect and enhance Māori freshwater values, including mahinga kai;</u> (c) <u>Partner with Provide for mana whenua / tangata whenua and recognise and provide for their relationship with their culture, land, water, wāhi tapu and other taonga;</u> 	(a) <u>Partne</u> prepar (b) <u>Protect</u> <u>mahing</u> (c) <u>Partne</u> <u>recogn</u> <u>land, w</u>
		Explanation Policy FW.3 requires district plans to manage the effects of urban development on freshwater and the coastal marine area. This is to the extent that is relevant under a territorial authority's		 (a) <u>Partner with mana whenua / tangata whenua in the preparation of district plans;</u> (b) <u>Protect and enhance Māori freshwater values, including mahinga kai;</u> (c) <u>Partner with Provide for mana whenua / tangata whenua and recognise and provide for their relationship with their culture, land, water, wāhi tapu and other taonga;</u> (d) <u>Incorporate the use of mātauranga Māori to ensure the</u> 	(a)Partne prepar(b)Protect mahing(c)Partne recogn land, w(d)Incorport
		Explanation Policy FW.3 requires district plans to manage the effects of urban development on freshwater and the coastal marine area. This is to the extent that is relevant under a territorial authority's functions under section 31 of the RMA and in a		 (a) <u>Partner with mana whenua / tangata whenua in the preparation of district plans;</u> (b) <u>Protect and enhance Māori freshwater values, including mahinga kai;</u> (c) <u>Partner with Provide for mana whenua / tangata whenua and recognise and provide for their relationship with their culture, land, water, wāhi tapu and other taonga;</u> 	(a) <u>Partne</u> prepar (b) <u>Protec</u> <u>mahing</u> (c) <u>Partne</u> <u>recogn</u> <u>land, w</u>

oting the daylighting of streams.

definition of 'hydraulic neutrality'

trality: means managing stormwater runoff from all new pment areas through either on-site disposal or storage, water is released from the site at a rate that does not e-development peak stormwater runoff.

n of 'undeveloped state'

state: The modelled grassed (pastoral or urban open) f the site prior to urban development

oan development effects on freshwater and the coastal ceiving environments – district plans

all include objectives, policies, and methods including rules opment, that give effect to *Te Mana o te Wai* and section S-FM, and in doing so must:

ner with mana whenua / tangata whenua in the paration of district plans;

eet and enhance Māori freshwater values, including iinga kai;

ner with Provide for mana whenua / tangata whenua and ognise and provide for their relationship with their culture, d, water, wāhi tapu and other taonga;

rporate the use of mātauranga Māori to ensure the cts of urban development are considered appropriately;

pt an integrated approach, ki uta ki tai, that recognises

Submission Point Provision	1104131011	vision Relief Sought by PCC	Section 42A	Section 42A report Recommendation		
Ref.	(green text where relevant)	Response	Recommended Changes (red text)			
				the interconnectedness of the whole environment to	the int	
				determine the location and form of urban development;	deterr	
				(f) Integrate planning and design of stormwater management	(f) <u>Integr</u>	
				to achieve multiple improved outcomes – amenity values,	achiev	
				recreational, cultural, ecological, climate, vegetation	recrea	
				retention;	vegeta	
				(g) <u>Consider the location, layout and design of urban</u>	(g) <u>Consi</u>	
				development in relation to effects on freshwater and the	(g) <u>Consi</u> in rela	
				coastal marine area receiving environments of subdivision,	area r	
				use and development of land;	develo	
				(h) <u>Consider the use and development of land in relation to</u>	(h) <u>Consid</u>	
				target attribute states and any limits set in a regional plan;	attribu	
				(i) <u>Require that Water Sensitive Urban Design principles and</u>	(i) <u>Requi</u>	
				methods are applied during consideration of subdivision,	metho	
				including the extent of impervious surfaces and in the	includ	
				control of stormwater infrastructure;	<u>of sto</u>	
				(ia) Require urban development to be designed, constructed	(ia) Requi	
				and maintained to achieve hydraulic neutrality.	maint	
				(j) <u>Require that urban development is located and designed to</u>	(j) <u>Requi</u>	
				minimise the extent and volume of earthworks and to	(j) <u>Requi</u> minin	
				follow, to the extent practicable, existing land contours;	to the	
				(k) <u>Require that urban development is located and designed to</u>	(k) <u>Requi</u>	
				protect and <u>enhance gully heads, rivers, lakes, wetlands,</u> springs, riparian margins and <u>estuaries;</u>	protec	
					spring	
				(I) Require riparian buffers for all waterbodies and avoid	(l) <u>Requi</u>	
				piping of rivers;	of rive	
				(m) <u>Require hydrological controls to avoid adverse effects of</u>	(m) <u>Requi</u>	
				runoff quantity (flows and volumes) and maintain, to the	runof	
				extent practicable, natural stream flows;	exten	
				(n) <u>Require efficient use of water;</u>	(n) <u>Requi</u>i	
				(0) <u>Manage land use and development in a way that will</u>		
				minimise the generation of contaminants, including in	(0) <u>Mana</u>	
				relation to the choice of building materials, meteoling in	minim to the	
				impervious surfaces;	imper	
				(D) <u>Consider daylighting</u> of streams, where practicable; and	(p) <u>Consic</u>	
				(q) <u>Consider the effects of land use and development on</u>	(q) <u>Consic</u>	
				drinking water sources.	water	

- nterconnectedness of the whole environment to rmine the location and form of urban development;
- rate planning and design of stormwater management to eve multiple improved outcomes – amenity values, eational, cultural, ecological, climate-resilience, tation retention;
- ider the location, layout and design of urban development ation to effects on freshwater and the coastal marine receiving environments of subdivision, use and lopment of land;
- ider the use and development of land in relation to target oute states and any limits set in a regional plan;
- uire that Water Sensitive Urban Design principles and nods are applied during consideration of subdivision, ding the extent of impervious surfaces and in the control prmwater infrastructure;
- ire urban development to be designed, constructed and ntained to achieve hydraulic neutrality.
- ire that urban development is located and designed to nise the extent and volume of earthworks and to follow, e extent practicable, existing land contours;
- uire that urban development is located and designed to ect and enhance gully heads, rivers, lakes, wetlands, ugs, riparian margins and estuaries;
- iire riparian buffers for all waterbodies and avoid piping <u>rers;</u>
- ire *hydrological controls* to avoid adverse effects of ff quantity (flows and volumes) and maintain, to the nt practicable, natural stream <u>flows;</u>
- ire efficient use of water;
- age land use and development in a way that will nise the generation of contaminants, including in relation e choice of building materials, and the extent of rvious surfaces;
- ider daylighting of streams, where practicable; and
- ider the effects of land use and development on drinking r sources.

Submission Point	Provision	Relief Sought by PCC	Section 42A	report Recommendation	Recommended An
Ref.		(green text where relevant)	Response	Recommended Changes (red text)	
	Delia: 15		Accept in	Explanation Policy FW.3 requires district plans to manage the effects of urban development on freshwater and the coastal marine area receiving environments.	Explanation Policy FW.3 required development on fr the extent that is re- under section 31 of duplicate the funct the RMA.
Porirua City Council [S30.040]	Policy 15	Amend policy so that it provides clear and appropriate direction to plan users in line with objectives. It should be split into two policies so it is clear what the Regional Plan should cover and what district plans should cover; and/or reword as follows: Regional and district plans shall include policies, rules and/or methods that control earthworks and vegetation disturbance to minimise the extent necessary to assist in achieving the target attribute states that are set in the Regional Plan for water bodies and freshwater ecosystems including the effects of these activities on the life- supporting capacity of soils, and to provide for mana whenua / tangata whenua and their relationship with their culture, land, water, sites, wāhi tapu and other taonga.	part	 Policy 15: <u>Managing Minimising</u> the effects of earthworks and vegetation disturbance clearance – district and regional plans Regional and district plans shall <u>include policies</u>, rules and/or methods that control earthworks and vegetation disturbance to minimise the extent necessary to achieve the target attribute states for water bodies and freshwater ecosystems including the effects of these activities on the life supporting capacity of soils, and to provide for mana whenua / tangata whenua and their relationship with their culture, land, water, sites, with tapu and other taonge manage the effects of <i>earthworks</i> and <i>vegetation clearance</i>, as follows: (a) <u>Regional Plans shall include policies</u>, rules and/or methods that: Control the effects of <i>earthworks</i> and vegetation <i>clearance</i> to achieve the target attribute states for water bodies and freshwater ecosystems, including receiving environments; In the absence of target attribute states, minimise silt and sediment runoff into freshwater and receiving environments, or onto land that may enter water; and Minimise erosion. (b) <u>District Plans shall include policies</u>, rules and/or methods that: Require <i>urban development</i> to follow existing land contours, to the extent practicable; Minimise the extent and volume of earthworks required for <i>urban development</i> Require setbacks from waterbodies for <i>vegetation clearance</i> and <i>earthworks</i> activities; Manage sediment associated with <i>earthworks</i>; Manage subdivision layout and design. 	Policy 15: <u>Managir</u> disturbance <u>cleara</u> Regional and distri <u>control earthworks</u> <u>necessary to achieu</u> <u>freshwater ecosyst</u> <u>supporting capacit</u> <u>whenua and their r</u> tapu and other tao <u>vegetation clearan</u> a. <u>Regiona</u> i. <u>C</u> <u>tr</u> fi ii. <u>Ir</u> s <u>e</u> <i>iii.</i> <u>R</u> c <i>iv-</i> <u>M</u> b. <u>Distric</u> <i>i.</i> <u>R</u> c <i>ii.</i> <u>R</u> c <i>i. R</i> c <i>i. R</i> <i>c</i> <i>i. R</i> <i>c</i> <i>c</i> <i>i. R</i>

irres district plans to manage the effects of urban freshwater and the coastal marine area. This is to s relevant under a territorial authority's functions of the RMA and in a manner that does not actions of the Regional Council under section 30 of

ging Minimising the effects of earthworks and vegetation rance – district and regional plans

trict plans shall <u>include policies, rules and/or methods that</u> rks and vegetation disturbance to minimise <u>the extent</u> vieve the target attribute states for water bodies and ystems including the effects of these activities on the lifecity of soils, and to provide for mana whenua / tangata ir relationship with their culture, land, water, sites, wāhi aonga manage the adverse effects of *earthworks* and *ance*, as follows:

nal Plans shall include policies, rules and/or methods that:

- <u>Control the effects of *earthworks* and *vegetation clearance* to achieve the target attribute states for water bodies and freshwater ecosystems, including receiving environments;</u>
- In the absence of target attribute states, *minimise* silt and sediment runoff into freshwater and receiving environments, or onto land that may enter water;
- Require setbacks from waterbodies for vegetation clearance and earthworks activities;
- Manage sediment associated with earthworks;-and
- Minimise erosion.
- rict Plans shall include policies, rules and/or methods that:
- Require *urban development* to follow existing land contours, to the extent practicable;
- Minimise the extent and volume of earthworks required for urban development
- Require setbacks from waterbodies for vegetation clearance and earthworks activities;
- Manage sediment associated with earthworks;
- Manage subdivision layout and design to support Policy

Submission Point	Provision	on Relief Sought by PCC		Section 42A report Recommendation		
Ref.		(green text where relevant)	Response	Recommended Changes (red text)		
					<u>1</u> !	
Porirua City Council [S30.042]	Policy 18	Amend policy so that it provides clear and appropriate direction to plan users in line with objectives, and/or reword as follows:	Accept in part	Policy 18: Protecting and <u>enhancing</u> restoring ecological health the health and wellbeing of water bodies and freshwater ecosystem health of water bodies – regional plans	Policy 18: Protectir and wellbeing of w bodies – regional p	
		 Regional plans shall include policies, rules and/or methods that protect and restore the ecological health of water bodies, including: (a) managing freshwater in a way that gives effect to Te Mana o te Wai; (b) actively involve mana whenua / tangata whenua in freshwater management (including decision-making processes), and (c) identify and provide for Māori freshwater values are identified and provided for; (d) there is no further loss of extent of natural inland wetlands and coastal wetlands, their values are protected, and their restoration is promoted; (e) achieving environmental outcomes, target attribute states and environmental flows and levels; (f) avoiding the loss of river extent and values; (g) protecting the significant values of outstanding water bodies; (h) protecting the habitats of indigenous freshwater species are-protected; (i) Freshwater is allocated and used efficiently, all existing over-allocation is phased out, and future over-allocation is avoided; (j) promoting the retention of natural flow regimes - such as flushing flows; (j) promoting the protection and reinstatement of riparian habitat; (m) promoting the installation of off-line water storage; (n) measuring and evaluating water takes; (o) discourage restricting the reclamation, piping, straightening or concrete lining of rivers; 		 Regional plans shall include policies, rules and/or methods that give effect to Te Mana o te Wai, and in doing so protect and enhance restore the ecological health health and wellbeing of water bodies and freshwater cosystem health of water bodies, including by: (a) managing freshwater in a way that gives effect to Te Mana o te Wai; (b) actively involving mana whenua / tangata whenua in freshwater management (including decision-making processes), and (ba) identifying and providing for Māori freshwater values are identified and provided for; (bb) adopting an integrated approach, ki uta ki tai, that recognises the interconnectedness of the whole environment to ensure that ecological health of freshwater is managed using an integrated, ecosystem wide approach (bc) incorporating the use of matauranga Māori to protect and restore ecosystem health. (c) ensuring there is no further loss of extent of natural inland wetlands and coastal wetlands, their values are protected, and their restoration is promoted; (d) achieving environmental outcomes, target attribute states and environmental flows and levels; (e) avoiding the loss of river extent and values to the extent practicable (f) protecting the habitat of trout and salmon, insofar as this is consistent with clause (g). (h) Frechwater is allocated and used efficiently, all existing over allocation is phased out, and future over allocation is avoided; (j) promoting the retention of retaining in stream habitat diversity by retaining natural form to maintain in-stream habitat diversity by retaining natural form to maintain in-stream habitat diversity by retaining natural flow regimes – such as flushing flows; (k) promoting the rotecting of and reinstatingement of riparian habitat; (j) promoting the rotecting an and reinstatingement of riparian habitat; (j) promoting the rotecting of the installation of off-line water storage; (m)	Regional plans sha to Te Mana o te ecological health ecosystem health (a) managi <u>Wai;</u> (b) actively manage (ba) identify identified and pro (bb) adoptin interco ecologi ecosystem (bc) incorpo ecosystem health, (c) ensurin wetland their re (i) there (ii) there (iii) protecti consistent with class (h) Freshwa allocati the rive (ii) promoti as flush (k) promoti (m) measure	

15a. and Policy 15 b.i. and b.ii. above.

ting and <u>enhancing</u> restoring ecological health the health water bodies and freshwater ecosystem health of water I plans

shall include policies, rules and/or methods that <u>give effect</u> te Wai, and in doing so <u>protect and enhance restore</u> the th health and wellbeing of water bodies and freshwater th of water bodies, including by:

aging freshwater in a way that gives effect to Te Mana o te

ely involving mana whenua / tangata whenua in freshwater agement (including decision-making processes), and

ifying and providing for Māori freshwater values are rovided for;

ting an integrated approach, ki uta ki tai, that recognises the connectedness of the whole environment to ensure that ogical health of freshwater is managed using an integrated, ystem wide approach

porating the use of mātauranga Māori to protect and restore th,

ring there is no further loss of extent of natural inland ands and coastal wetlands, their values are protected, and restoration is promoted unless:

ere is a functional need for the activity in that location; and e effects of the activity are managed by applying the *effects*

agement hierarchy;

wing environmental outcomes, target attribute states and onmental flows and levels;

ding the loss of river extent and values to the extent ticable

ecting the significant values of outstanding water bodies ecting the habitats of indigenous freshwater species are ected;

cting the habitat of trout and salmon, insofar as this is clause (g).

water is allocated and used efficiently, all existing overation is phased out, and future over-allocation is avoided;

oting the retention of retaining in-stream habitat diversity

taining natural features – such as pools, runs, riffles, and iver's natural form to maintain in-stream habitat diversity;

toting the retention of <u>retaining</u> natural flow regimes – such shing flows;

noti<u>ng</u> the protect<u>ingon and reinstatingement of riparian rat;</u>

noting the installation of off-line water storage; suring and evaluating water takes;

Submission Point	Provision	Relief Sought by PCC	Section 42A	report Recommendation	Recommended Am
Ref.		(green text where relevant)	Response	Recommended Changes (red text)	
		(p) discourage restricting stock access to estuaries, rivers, lakes and wetland; (q) discourage restricting the diversion of water into or from wetlands – unless the diversion is necessary to restore the hydrological variation to the wetland; (r) discourage restricting the removal or destruction of indigenous plants in wetlands		straightening or concrete lining of rivers <u>unless:</u> (i) there is a functional need for the activity in that location; and (ii) the effects of the activity are managed by applying the effects management hierarchy (o) discourage restricting stock access to estuaries, rivers, lakes	(n) discour straight (i) there (ii) the e manage (o) discour
		and lakes; and <u>(s)</u> restoring and maintain <u>ing</u> fish passage.		 and wetland; (p) discourage restricting the diversion of water into or from wetlands – unless the diversion is necessary to restore the hydrological variation to the wetland; (q) discourage restricting the removal or destruction of indigenous plants in wetlands and lakes; and (r) restoring and maintaining fish passage where appropriate. 	(p) discour wetland hydrold (q) discour plants i (r) restorir
				Explanation Policy 18 lists a range of actions that will protect and restore the health and wellbeing of water bodies and freshwater ecosystem the ecological health of water bodies. The ecosystem health of water bodies is dependent on water quality, water quantity, habitat, aquatic life, and ecological processes. To be a healthy freshwater ecosystem, all five components support and sustain indigenous aquatic life. Habitat diversity, which is described in clauses (a), (b) and (c), is essential for aquatic- freshwater ecosystems to survive and be self-sustaining. When areas of habitat in one part of the river, lake or wetland are degraded or destroyed by activities described in clauses (e), (f), (g) and (h), critical parts of the ecosystem may be permanently affected with consequent effects elsewhere in the ecosystem.	Explanation Policy 18 lists a rai and wellbeing of y health of water be dependent on war ecological process components supp which is described freshwater ecosys habitat in one par by activities descri ecosystem may be elsewhere in the e
Porirua City Council [S30.064]	Policy 40	 Amend policy as follows: When considering an application for <u>a regional</u> resource consent, particular regard shall be given to: (a) requiring that water quality, flows and water levels and aquatic habitats of surface water bodies are managed in a way that gives effect to Te Mana o Te Wai and protects and enhances the health and well-being of waterbodies and the health and wellbeing of freshwater ecosystems for the purpose of safeguarding aquatic ecosystem health; (b) that, requiring as a minimum, water quality in the coastal marine area is to be managed in a way that protects and enhances the health and well-being dir a way that protects and enhances the health and well-being dir a way that protects and enhances the health and well-being dir a way that protects and enhances the health and well-being of waterbodies and the health and well-being dir a way that protects and enhances the health and well-being dir a way that protects and enhances the health and well-being dir a way that protects and enhances the health and well-being dir a way that protects and enhances the health and well-being dir a way that protects and enhances the health and well-being dir a way that protects and enhances the health and well-being dir a way that protects and enhances the health and well-being dir a way that protects and enhances the health and well-being dir a way that protects and enhances the health and well-being dir a way that protects and enhances the health and well-being dir a way that protects and enhances the health and well-being dir a way that protects and enhances the health and well-being dir a way that protects and enhances the health and well-being dir a way that protects and the health and well-being dir a way that protects and the health and well-being dir a way that protects and the health and well-being dir a way that protects and the health and well-being dir a way that protects and the health and well-being dir a way that protects	Accept	 Policy 40: Maintaining Protecting and enhancing the health and wellbeing of water bodies and freshwater ecosystems aquatic ecosystem health in water bodies – consideration When considering an application for <u>a regional</u> resource consent, <u>the</u> regional council must give effect to <i>Te Mana o te Wai</i> and in doing so must have particular regard shall be given to: (a) requiring that managing water quality, flows and water levels and aquatic habitats of surface water bodies are managed in a way that gives effect to <i>Te Mana o Te Wai</i> and protects and enhances the health and well-being of waterbodies and the health and wellbeing of freshwater ecosystem health; (b) that, requiring managing as a minimum, freshwater quality in the coastal marine area is_to be managed in a way that protects and enhances the health and wellbeing of marine ecosystems for the purpose of safeguarding aquatic ecosystem health; (b) that, requiring managing as a minimum, freshwater quality in the coastal marine area is_to be managed in a way that protects and enhances the health and wellbeing of marine ecosystems_receiving environments.: for the purpose of marine ecosystems_receiving environments.: for the purpose of maintaining or enhancing aquatic ecosystem health; and 	Policy 40: Maintain of water bodies and water bodies – con When considering a council must give et particular regard sh (a) requirir and aqu way tha enhance health a of safeg (b) that, reu coostal enhance health aquatic

wrage <u>restricting</u> a v o i d i n g the reclamation, piping, ghtening or concrete lining of rivers <u>unless</u>: ere is a functional need for the activity in that location; and

e effects of the activity are managed by applying the effects

agement hierarchy

urage <u>restricting</u> stock access to <u>estuaries</u>, rivers, lakes and ind;

urage <u>restricting</u> the diversion of water into or from ands – unless the diversion is necessary to restore the plogical variation to the wetland;

urage <u>restricting</u> the removal or destruction of indigenous is in wetlands and lakes; and

ring and maintaining fish passage where appropriate.

range of actions that will protect and restore the health f water bodies and freshwater ecosystem the ecological bodies. The ecosystem health of water bodies is vater quality, water quantity, habitat, aquatic life, and esses. To be a healthy freshwater ecosystem, all five pport and sustain indigenous aquatic life. Habitat diversity₇ red in clauses (a), (b) and (c), is essential for aquatic systems to survive and be self-sustaining. When areas of hart of the river, lake or wetland are degraded or destroyed cribed in clauses (e), (f), (g) and (h), critical parts of the be permanently affected with consequent effects e ecosystem.

aining Protecting and enhancing the health and well-being and freshwater ecosystems aquatic ecosystem health in onsideration

g an application for <u>a regional</u> resource consent, <u>the regional</u> <u>effect to *Te Mana o te Wai* and in doing so must have</u> shall be given to:

ring that <u>managing</u> water quality, flows and water levels quatic habitats of surface water bodies are managed <u>in a</u> that gives effect to *Te Mana* o <u>Te Wai and</u> protects and

nces the health and well-being of waterbodies and the h and wellbeing of freshwater ecosystems for the purpose feguarding aquatic ecosystem health;

requiring managing as a minimum, freshwater quality in the tal marine area is to be managed in a way that protects and nces the health and well-being of waterbodies and the h and wellbeing of marine ecosystems receiving onments.: for the purpose of maintaining or enhancing tic ecosystem health; and

Submission Point	Provision	Relief Sought by PCC	Section 42A	report Recommendation	Recommended Am
Ref.		(green text where relevant)	Response	Recommended Changes (red text)	
Submission Point Ref.	Provision	(green text where relevant) wellbeing of marine ecosystems for the purpose of maintaining or enhancing aquatic ecosystem health; and (c) managing water bodies and the water quality of coastal water for other purposes identified in regional plans. (c) providing for mana whenua / tangata whenua values, including mahinga kai; (d) maintaining or enhancing the functioning of ecosystems in the water body; (e) maintaining or enhancing the ecological functions of riparian margins; (f) minimising the effect of the proposal on groundwater recharge areas that are connected to surface water bodies; (g) maintaining or enhancing the amenity and recreational values of rivers and lakes, including those with significant values listed in Table 15 of Appendix 1; (h) protecting the significant indigenous ecosystems and habitats with significant indigenous biodiversity values of rivers and lakes, including those listed in Table 16 of Appendix 1; (i) maintaining or enhancing space for rivers to undertake their natural processes: (k) maintaining rish passage; (l) protecting and reinstating riparian habitat, in particular riparian habitat that is important for fish spawning;			Recommended Am (c) managing water purposes (c) providing including mahinga (ca) partnering (d) maintaing (ca) partnering (d) maintaing (e) maintaing water body; (e) maintaing (f) minimisis extraction in the b areas the (g) maintaing of river listed in (i) maintaing (ii) maintaing (ii) maintaing (iii) maintaing (i) maintaing (ii) maintaing (iii) protecting habitat (m) discoura and wetlands; and (iii) there (iii) there (iii) there
		(m) discouraging restricting stock access to estuaries rivers, lakes and wetlands; and discouraging avoiding the removal or destruction of indigenous wetland plants in wetlands.		(q) protecting the habitat of indigenous freshwater species (r) protecting the habitat of trout and salmon, insofar as this is consistent with clause (q).	wetlands, and their (i) there (ii)the e manage (q) protection (r) protection consister

ater bodies and the water quality of coastal water for other ses identified in regional plans.

ding for mana whenua / tangata whenua values, nga <u>kai;</u>

ering with mana whenua/tangata whenua

taining or enhancing the functioning of ecosystems in the

taining or enhancing the ecological functions of riparian

hising the effect of the proposals such as gravel action, exploratory drilling, flood protection and works e beds of lakes and rivers on groundwater recharge

s that are connected to surface water bodies;

taining or enhancing the amenity and recreational values vers and lakes, including those with significant values d in Table 15 of Appendix 1;

cting the values of rivers and lakes that have significant enous ecosystems and habitats with significant indigenous iversity values of rivers and lakes, including those listed as tified in Table 16 of Appendix 1:

aining natural flow regimes required to support tic ecosystem health;

aining or enhancing space for rivers to undertake natural processes:

taining fish passage;

cting and reinstating riparian habitat, in particular riparian tat that is important for fish spawning;

uraging restricting stock access to estuaries rivers, lakes and

uraging avoiding the removal or destruction of indigenous wetlands unless:

ere is a functional need for the activity in that location; and e effects of the activity are managed by applying the *effects*

agement hierarchy;

ing the loss of river extent or values, to the extent cicable

ring there is no further loss of extent of natural inland eir values are protected unless:

ere is a functional need for the activity in that location; and e effects of the activity are managed by applying the *effects*

agement hierarchy;

cting the habitat of indigenous freshwater species

Submission Point	Provision	Provision Relief Sought by PCC	Section 42A	Recommended Am	
Ref.		(green text where relevant)	Response	Recommended Changes (red text)	
Porirua City Council [S30.044]	Policy FW.2	 Amend policy so that it provides clear and appropriate direction to plan users in line with objectives, and/or reword as follows: <u>District plans shall include policies, rules and/or methods to reduce demand of water from registered water suppliers and users, including where practicable:</u> (a) <u>provisions improving requiring improvements to the efficiency of the end use of water on a per capita basis for new developments; and</u> (b) <u>provisions requiring alternate water supplies for non-potable use in new developments.</u> Include a definition of 'registered water suppliers'. 		Policy FW.2: Reducing water demand – district plans District plans shall include policies, rules and/or methods to reduce demand offor water from registered water suppliers and users community drinking water supplies and group drinking water supplies, including where practicable: (a) provisions improving the efficiency of the end use of water on a per capita basis for new developments; and (b) provisions requiring promoting alternate water supplies for non-potable use in new developments, such as the requirement to install rainwater tanks. Explanation Policy FW.2 requires district plans to address the reduction of demand in community drinking water supplies or group drinking water supplies municipal-water supplies.	Policy FW.2: Reduct District plans shall i Offer water from regular supplies and practicable: (a) provision (a) provision (b) provision potable install r Explanation Policy FW.2 requires community drinking municipal-water supplicity
Porirua City Council [S30.068]	Policy FW.5	Delete policy.	Reject	Policy FW.5: Water supply planning for climate change and urban development – consideration When considering a change, variation or review of a regional or district plan, local authorities must give effect to Te Mana o te Wai, and particular regard shall be given to: (a) climate change impacts on community drinking water supplies and group drinking water suppliesy, including water availability and demand and the potential for saline intrusion into aquifers; (b) demand from future population projections; (c) development of future water sources, storage, treatment and reticulation; and (d) an integrated approach, ki uta ki tai, in the protection of existing and future water sources. Explanation Policy FW.5 requires water supply planning to adequately considered including the impacts of climate change and new urban development.	Policy FW.5: Water development – cor When considering a local authorities muscless shall be given to: (a) climate and group drinking and the potential for (b) demand (c) develop reticulation; and (d) an integ and future water so Explanation Policy FW.5 require including the impace

lucing water demand – district plans

all include policies, rules and/or methods to reduce demand registered water suppliers and users community drinking and group drinking water supplies, including where

isions improving the efficiency of the end use of water on a apita basis for new developments; and

isions requiring promoting alternate water supplies for nonble use in new developments, such as the requirement to Il rainwater tanks.

ires district plans to address the reduction of demand in <u>king water supplies or group drinking water supplies</u> supplies.

ter supply planning for climate change and urban consideration

ng a change, variation or review of a regional or district plan, must give effect to Te Mana o te Wai, and particular regard

te change impacts on *community drinking water supplies* ng water suppliesy, including water availability and demand I for saline intrusion into aquifers;

and from future population projections;

opment of future water sources, storage, treatment and

tegrated approach, ki uta ki tai, in the protection of existing <u>r sources.</u>

ires water supply planning to adequately considered pacts of climate change and new urban development.