

Morere Hot Springs

Summary of Values

For Proposed Plan Change 7: Hawke's Bay Regional
Resource Management Plan

(Outstanding Water Bodies Plan Change)



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**For Proposed Plan Change 7: Hawke's Bay Regional Resource Management Plan
(Outstanding Water Bodies Plan Change)**

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Purpose of Report

1. This report is a compilation of information previously documented on the values associated with the Morere Hot Springs during preparation of Proposed Plan Change 7 prior to its notification on 31 August 2019. It is one of a series of similar reports compiled for each of the respective proposed outstanding water bodies (OWB) identified in Plan Change 7.
2. The approach used by Hawke's Bay Regional Council to identify OWB in Hawke's Bay followed a process that began with a high level review documenting the values associated with 130 water bodies across the region. A short explanation is provided at the beginning of each section which discusses the relevant phase and whether the Morere Hot Springs were considered during that part of the process.
3. Not all OWB identified in Proposed Plan Change 7 were considered during each phase of the process. For clarity, an index table (Table 1) has been included in this report which sets out the relevant phases, report names, values and page numbers for the Morere Hot Springs.
4. No new research or further information was commissioned for the purposes of compiling this report.
5. For further information on the Outstanding Water Body Identification Methodology and each of these phases, see the Plan Change 7 Section 32 Evaluation Report¹.
6. **Table 1: Morere Hot Springs index**

Phase	Included (yes/no)	Report name /date	Page numbers in associated report
High Level Review (Phase 1 & Phase 2)	Yes	Summary of Cultural Values Associated with Water Bodies in Hawke's Bay (March 2018)	58
		Summary of the Recreation, Landscape and Ecology Values Associated with Water Bodies in Hawke's Bay (March 2018)	31
Secondary Assessments (Phase 3)	N/A	N/A	N/A
Local Expert Panel (Phase 4)	Yes	Outstanding Water Bodies in Hawke's Bay - Report of the Expert Panel (April 2019)	24 - 25
Final Evaluation (Phase 5)	Yes	Outstanding Water Bodies Plan Change - selecting a list of outstanding water bodies in Hawke's Bay (May 2019)	59, 67, 94, 98

Plan Change 7 Overview

7. Hawke's Bay Regional Council has prepared an amendment to the Hawke's Bay Regional Resource Management Plan (RRMP) to include a list of the region's outstanding water bodies, together with a framework which prescribes a high level of protection for these water bodies in future plan making. That change to the RRMP is referred to as 'Proposed Plan Change 7' or the 'Outstanding Water Bodies Plan Change.'
8. The water bodies identified in the Outstanding Water Bodies Plan Change have been proposed as the 'best of the best' within the region, featuring an exceptional cultural, spiritual, recreation, natural character, landscape, geology, or ecology value which is remarkable in Hawke's Bay.
9. Since commencing this OWB plan change project in early 2017, a significant amount of work has been undertaken to build a clearer picture of water bodies within the region and their potential for being classed as outstanding.
10. The Outstanding Water Bodies Plan Change amends the RPS to reflect NPSFM provisions which require the protection of the significant values of outstanding water bodies. This special protection does not lessen the importance of, or value associated with other water bodies, which are managed through other parts of the Regional Resource Management Plan or Council work programme.
11. Further information about the background and purpose of proposed Plan Change 7 is online at www.hbrc.govt.nz (search #owb).

¹ <https://www.hbrc.govt.nz/assets/Document-Library/Outstanding-Water-Bodies/1.-Other-supporting-information/Section-32-Evaluation-Report.pdf>

Phase One & Phase Two: High Level Review & Summary of Values

12. In June 2017, the Council embarked on a high level review documenting the cultural, spiritual, recreation, landscape, geological, natural character and ecology values associated with 130 water bodies across the region.
13. Phase 1 involved a thorough review of over ninety documents being completed. Those documents included Deeds of Treaty Settlements, statutory acknowledgements for Treaty settlements, customary uses reports, Waitangi Tribunal reports, and other documents produced in a national and regional context between 1979 and 2018.
14. This work built a clear picture of values associated with a wide range of water bodies across the region and their potential for being classified as outstanding, prior to short listing. This work culminated in a literature review with the following two tables summarising key values associated with 130 of the region's water bodies:
 - Table C1: Cultural Values Table – Summary of Cultural Values Associated with Water Bodies in Hawke's Bay.
 - Table R2: Recreation, landscape, Ecology Values Table – Summary of the Recreation, Landscape and Ecology Values Associated with Water Bodies in Hawke's Bay
15. Table C1 included all water bodies identified by name in reviewed documents, with a high level summary of the associated 'cultural and spiritual values'. This work was sent out to all Treaty settlement entities in Hawke's Bay in December 2017 for input prior to completion.
16. Table R2 included all water bodies identified by name in reviewed documents, with a high level summary of the associated recreation, landscape, geology and ecology values, and ratings assigned in this document.
17. Appendix 1 sets out the relevant extracts from Tables C1 and R2 for the Morere Hot Springs.

Phase Three: Refine List & Secondary Assessments

18. In 2018, the high level review findings for 130 water bodies, and their associated values, were reported to the Council's Regional Planning Committee (RPC). The RPC selected a list of 22 candidate OWB to proceed forward a more detailed secondary assessment to see if any contained values that were clearly superior to other water bodies in Hawke's Bay.
19. The Morere Hot Springs was not selected as a candidate OWB as such, a secondary assessment was not carried out for this water body.

Phase Four: Engagement & Local Expert Panel Process

20. Phase 4 involved wider input from the public, iwi authorities, key stakeholders and territorial local authorities. Feedback from this process featured requests for an additional 20 water bodies to be identified as OWB.
21. In December 2018, Council staff contracted a local expert panel to evaluate, categorise and identify outstanding characteristics, for all value sets, from the list of 22 candidate OWB and the additional 20 water bodies put forward during engagement.
22. The local expert panel was appointed via nominations by key stakeholders, iwi authorities and city and district councils, and comprised six members² with good knowledge of the Hawke's Bay region.
23. The recommendations made by the panel were based on existing information, their local knowledge, and a set of assessment criteria they developed at their first meeting. The assessment criteria used by the panel to identify outstanding features is set out at the beginning of each subsection for each value set.
24. The expert panel found the Morere Hot Springs to have outstanding landscape and cultural and spiritual values. Their findings are set out in Appendix 2.

² Morry Black (Mauri Protection Agency), Matt Brady (DOC), John Cheyne (Te Taiao Environment), Andrew Curtis (Water Strategies Limited), Bernie Kelly (kayaking rep), Tom Winlove (Fish& Game Hawke's Bay)

Phase Five: Final Evaluation

26. Phase Five saw a final evaluation carried out to assist the Council's Regional Planning Committee to select a list of outstanding water bodies in Hawke's Bay, for inclusion in Proposed Plan Change 7.
27. This work summarised the key values of 42 water bodies nominated during Phases 3 and 4, and informed by
 - The secondary assessments
 - local expert panel findings
 - the values summary reports, and
 - stakeholder engagement.
28. The summary was presented by value-type, based on the work to date and in a format consistent with the direction given by Council.
29. Appendix 3 sets out the relevant extracts from the final evaluation for the Morere Hot Springs.

Appendix 1: Tables C1 and R2 - Morere Hot Springs

Note: Appendix 1 contains extracts only - for further information please refer to the full reports.



Summary of cultural values associated with water bodies in Hawke's Bay

HBRC Report No. SD18-01
Plan Number 4978

Strategic Development Group

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Summary of cultural values associated with water bodies in Hawke's Bay

HBRC Report No. SD18-01
Plan Number 4978

14 March 2018

Prepared By:
Belinda Harper, Senior Planner

Referencing

When referencing in another report any of the values contained in this document, the author of that report must include the following text as a footnote to the referenced material:

“There are numerous water bodies in the Hawke’s Bay region where two or more iwi groups have agreed, shared interests and/or contested overlapping claims. By referring to these values it is not intended to imply any exclusive rights over a particular water body for one or more iwi group, nor does it confirm the validity of the claims of any group(s) over that water body. This information is being referred to solely for the purpose of identifying the important cultural and spiritual values identified by iwi groups in the region”.

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Waterbody / Region / Catchment	Treaty settlement entity	Commentary		Key values
		<p>Key DOS = Deed of settlements, SA = statutory acknowledgements, TSL = Treaty settlement legislation, CUR = customary usage reports, WTR = Waitangi Tribunal reports, OTHER = any other relevant documents</p> <p>No = waterbody not referred in document N/A = No such document exists.</p> <div style="border: 1px solid black; padding: 5px; background-color: #f0f0f0;"> <p>NOTE: The 'Key Values' column sets out a pool of eight key values which broadly reflect the most significant cultural values associated with water bodies. The relevant key values for each water body is listed in this column.</p> <p>See commentary column for further explanation about the identified key value for each waterbody.</p> </div>		<p>Note: key values as follows:</p> <ul style="list-style-type: none"> - Wahi Tapu, Wahi taonga - Wai Tapu - Acknowledged in korero tuku iho, pepeha, whakatauki, waiata - Mahinga kai, Pa tuna - Pa, kainga - Tauranga waka - Rohe Boundary - Battle site
Morere Springs Hawke's Bay Nuhaka	Te Rohe o Te Wairoa	DOS	The Morere Springs, meaning 'the waters of life which come into this world from the other world' are thermal springs located near Nuhaka. Morere Springs and the surrounding area was a source of natural healing waters, kiekie and other traditional materials used for raranga wharki, kete and traditional rongoa.	Wahi Tapu, Wahi taonga Wai Tapu
		SA	Yes – same as DOS	
		TSL	N/A	
		CUS WTR		

Summary of recreation, landscape and ecology values associated with water bodies in Hawke's Bay

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Summary of recreation, landscape and ecology values associated with water bodies in Hawke's Bay

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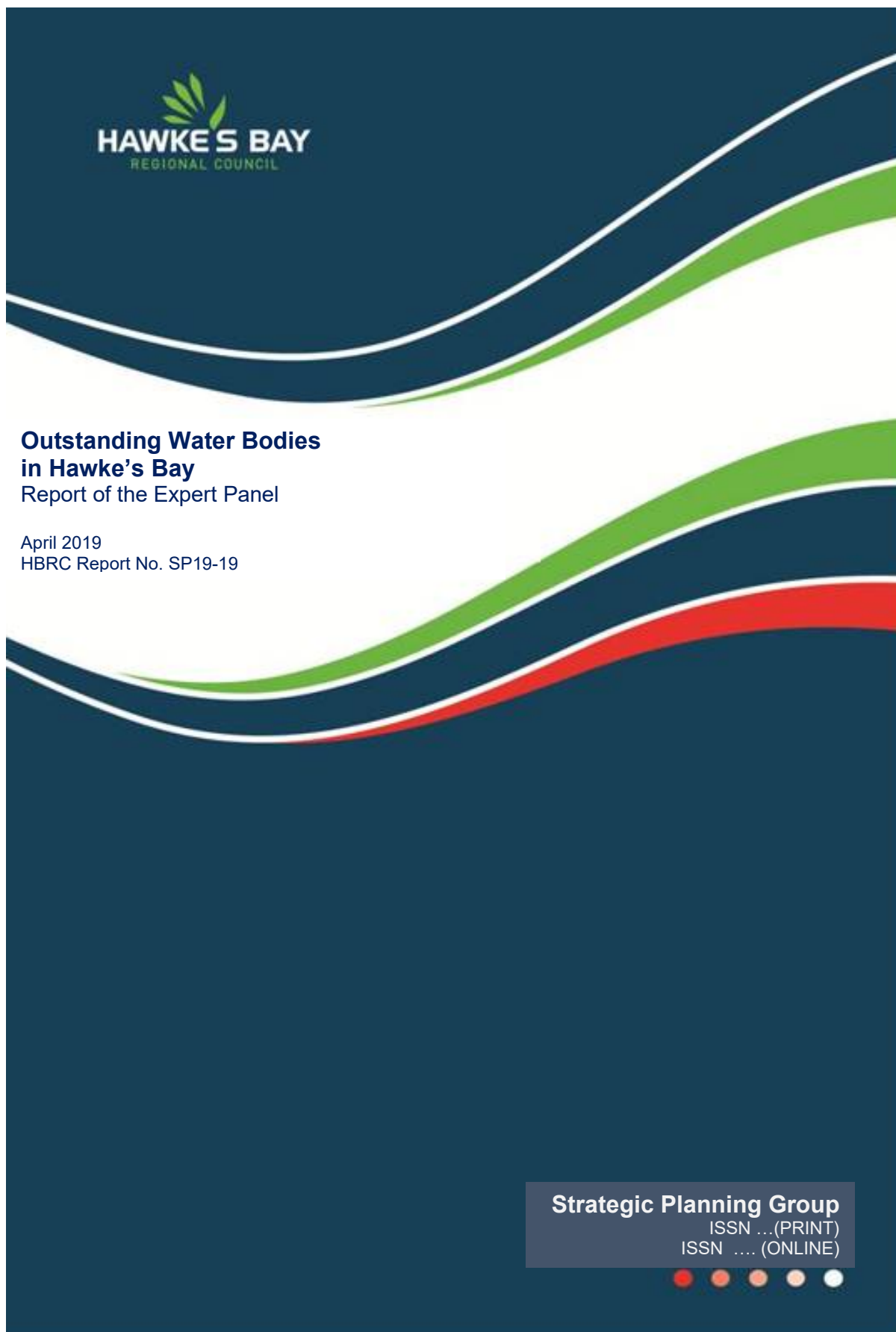


Waterbody / Region / Catchment	Treaty settlement entity group(s) with linkages back to waterbody	Commentary		Key values
		<p>Key</p> <p>64NZR = 64 New Zealand Rivers – A Scenic Evaluation</p> <p>RRS = New Zealand Recreational River Survey</p> <p>MAF & F = Submission on the Draft Inventory of Wild and Scenic Rivers of National Importance by MAFF</p> <p>W&SR = National Inventory of Wild and Scenic Rivers</p> <p>RiVAS = River Values Assessment System</p> <p>LOR & L = A List of Rivers and Lakes Deserving Inclusion in a Schedule of Protected Waters</p> <p>HTF = Headwater Trout Fisheries in New Zealand</p> <p>WONI = Potential Waterbodies of National Importance</p> <p>RAMSAR = Wetlands in NZ which meet the Ramsar criteria</p> <p>W&WH = Wildlife and Wildlife Habitat of Hawke's Bay Rivers</p>		
<p>Morere Hot Springs</p> <p>Hawke's Bay</p> <p>Nuhaka</p>	<p>Te Rohe o Te Wairoa</p>	<p>RRS</p> <p>MAF&F</p> <p>W&SR</p> <p>LOR&L</p> <p>HTF</p> <p>WONI</p> <p>RAMSAR</p> <p>W&WH</p> <p>RiVAS</p> <p>OTHER</p>	<p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>N/A</p> <p>No</p> <p>Geo preservation inventory Morere Hot Springs. Best hot springs on east coast of North Island. Classification: Regionally significant</p>	<p>Geological feature</p>

Appendix 3: Expert Panel Findings - Morere Hot Springs

Note: Appendix 3 contains extracts only - for further information please refer to the full report of the expert panel.

Outstanding Water Bodies in Hawke's Bay: Report of the Expert Panel





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Outstanding Water Bodies in Hawke's Bay Report of the Expert Panel

April 2019
HBRC Report No. SP19-19



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Matthew Brady, Department of Conservation
John Cheyne, Wetland Works
Andrew Curtis, Water Strategies Ltd
Bernie Kelly, Hawke's Bay Canoe Club
Tom Winlove, Hawke's Bay Fish and Game Council

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Outcome 2: OWB Assessment Criteria

The Panel considered the criteria for what makes the selected values regionally ‘Outstanding’. The Gisborne District Council OWB criteria provided a useful framework but needed both simplification and some additional criteria.

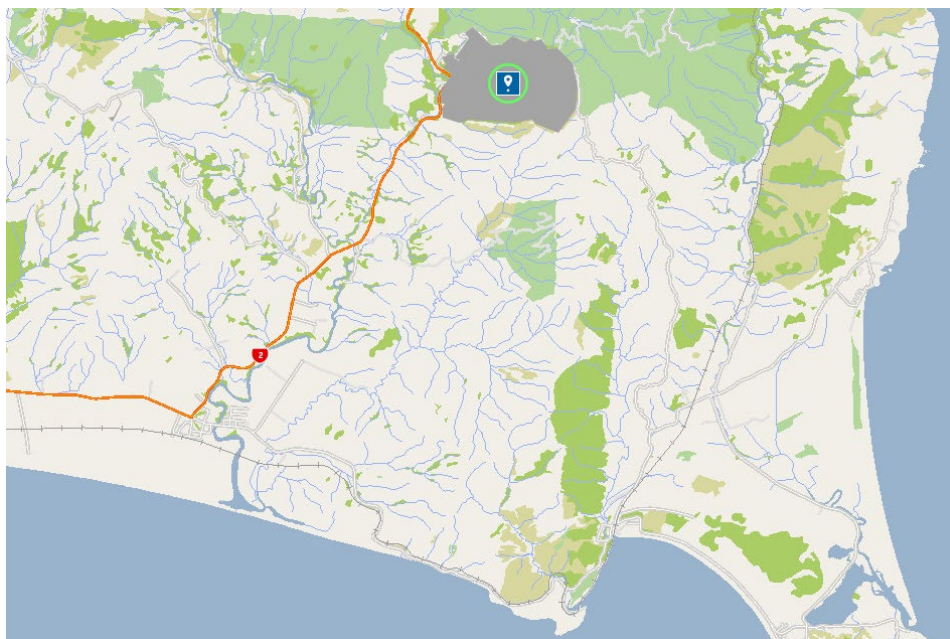
Both quantitative and qualitative (descriptive) measures were selected and are set out below in Table 4. ‘Outstanding’ values could also be variable, for example, customary values can be dependent on the season or time of year.

TABLE 4: CRITERIA FOR ASSESSING ‘OUTSTANDING’ VALUES

‘OUTSTANDING’ VALUE	CRITERIA	INDICATOR
Ecology	Threatened Species	4 or more threatened species
	% of Population	<ul style="list-style-type: none"> • >2% of a national population of a native species • >15% of a regional population of a native species
	Ecological Distinctiveness	Presence of a unique or distinctive characteristic/ habitat or species at the regional level
	Ecological Function	Presence of a critical or outstanding: <ul style="list-style-type: none"> • Breeding site • Ecosystem component • Assemblage • Kohanga ika/ nursery • Fish passage/ fish spawning
Landscape	A water body that contains a unique hydrological, geological or culturally significant feature A water body that is widely recognised at the regional level for its scenic values	
Natural Character	A water body that is highly natural with little or no human modification, including to the flow, bed and riparian margins, water quality, flora and fauna, within a largely indigenous landscape	
Amenity/ Recreation	A recreational experience that is exceptional in or on the water An exceptional location for angling or customary food gathering A unique historical or heritage site	
Cultural & Spiritual	Preliminary and high level comments only are provided using the following framework: For understanding and assessing the outstanding values, attributes and uses of water bodies from a cultural and spiritual perspective, the following concepts have been applied:	

	<p><i>Wairuatanga</i></p> <ul style="list-style-type: none"> Mauri Mana Tapu Taonga tuku iho <p><i>Rangatiratanga</i></p> <ul style="list-style-type: none"> Mana whenua – mana moana Kaitiakitanga Mahinga kai (as a place, action or practice) <p><i>Whakapapa</i></p> <ul style="list-style-type: none"> O te whenua O te wai O te tangata Ki uta ki tai <p><i>Matauranga Maori</i></p> <ul style="list-style-type: none"> Tikanga Maori knowledge systems Traditional uses and values Origins of cultural knowledge <p><i>Cultural Natural Character</i></p> <ul style="list-style-type: none"> Spiritual condition Mana o te wai Connectivity between ground and surface water Cleansing properties as water passes through the whenua Spring / aquifer sources – water recharge systems <p>SPECIAL NOTE:</p> <p>Tangata whenua will provide locally relevant assessments through separate input to the process (Refer to Appendix 4: Maori cultural and spiritual values, and see Diagram 1).</p>
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Morere Hot Springs



MORERE HOT SPRINGS: DESCRIPTION OF OUTSTANDING VALUES

SUMMARY

TYPE	NAME	OUTSTANDING VALUE				
		ECOLOGY	LANDSCAPE	NATURAL CHARACTER	AMENITY & RECREATION	CULTURAL & SPIRITUAL
Hot Springs	MORERE HOT SPRINGS					

LANDSCAPE

Description	Notes	Reference
Best example of hot springs on east coast North Island (regionally important)		NZ Geopres. Inventory

CULTURAL & SPIRITUAL

Description	Notes	Reference
<p><i>Whakapapa:</i> o te whenua, o te wai, o te tangata</p> <p><i>Ki uta ki tai:</i></p>	Unique saltwater origin	

Outstanding Water Bodies in Hawke's Bay: Report of the Expert Panel

<i>Mana o te wai:</i>		
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Appendix 3: Final Evaluation - Morere Hot Springs

Note: Appendix 3 contains extracts only - for further information please refer to the full report.



Outstanding Water Bodies Plan Change Selecting a list of outstanding water bodies in Hawke's Bay

HBRC Report Number: SD19-18
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Outstanding Water Bodies Plan Change

Selecting a list of outstanding water bodies in Hawke's Bay

HBRC Report Number: SD19-18
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Reviewed by:

Ceri Edmonds: Policy and Planning

Dale Meredith: Senior Planner

Tom Skerman: Group Manager Strategic Planning

Landscape / geological features

The Morere Hot Springs are heavily modified thermal hot and cold hot springs, which are piped to eight hot pools of varying temperatures and operated commercially. There is an admission cost to use the pools and reserve area, which are set amongst the native forest.

The Morere Hot Springs are identified on the Geopreservation Inventory as being Class C (regionally important), along with 89 other features in Hawke's Bay. The Inventory cites the hot springs as the '*best hot springs on the east coast of the North Island*'. No other publications could be found which discuss the significance of the hot springs. The local expert panel found the Morere Hot Springs to have outstanding landscape values.

Cultural and Spiritual values

Morere Springs are within the Rohe o Te Wairoa and are located near Nuhaka. The name of these thermal springs means 'the waters of life which come into this world from the other world'.

Information reviewed indicates the water body contains the following key values:

- Wāhi Tapu, Wāhi taonga
- Wai Tapu.

The local expert panel found the Morere Hot Springs to have known outstanding cultural and spiritual values, specifically noting Whakapapa, Ki uta ki tai and Mana o te wai.

Iwi authorities at the Wairoa sub-regional hui advised that all waterbodies, including springs, in the Nuhaka catchment have outstanding cultural and spiritual values. The Te Rohe o Te Wairoa Deed of Settlement notes that the springs were a source of natural healing waters, kiekie and other traditional materials used for weaving whariki (mats) and kete and traditional rongoā (medicine).