

Giving Effect To Te Mana o Te Wai A Kauhau For Stormwater Professionals

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make everyday better.

Karakia - Tīmatatanga

Kei te tangi a Ranginui
Kei te tangi a Papatūānuku
Kei te rere ngā roimata
Rere ki uta. Rere ki tai.
Kei hea ngā Kaitiaki mō Te Mana o te Wai
Te Mauri o te Wai?
Whakarongo mai!
Whakaoratia!
Hei oranga wairua!
Hei oranga tangata!
Hei oranga mō Aotearoa katoa

Our primordial Sky Father weeps
As our Earth Mother mourns
Their tears flowing forth

Manifest in the mountain waters that percolate down to the sea.
Where-art the earthly protectors of the water's authority?
The guardians of its essence?
Pay heed to the abuses of our time, and reinvigorate the water's power of life
As sustenance for our spirit
As wellbeing for our person
And as health and prosperity for a vibrant New Zealand for all

Source: Kāhui Wai Māori 2019







Mana

(noun) prestige, authority, control, power, influence, status, spiritual power, charisma

- Represents a supernatural essence within individuals, places, or objects.
- Intertwined with concepts like tapu, noa, utu, and mauri, influencing each other.
- Higher prestige correlates with increased mana presence.
- Originates as enduring and indestructible power from the atua.
- Inherited at birth, with lineage determining mana levels.
- Authority is delegated through the senior line from atua to human agents.
- Individuals act as agents, not sources, of mana due to its spiritual nature.
- Mana can be granted or withdrawn, reflecting its dynamic nature.
- Inaccessible through commercial means; cannot be bought or sold.



Mā

Through, via, future tense

Nā

From, By, past tense



Manaaki



Manaaki

(verb) (-hia,-na,-ngia) to encourage, urge on, challenge, induce, incite, exhort.



Manaaki

(verb) (-tia) to support, take care of, give hospitality to, protect, look out for - show respect, generosity and care for others.

To lift up mana!!!



Wai

(noun) water, liquid, traditional song (short for waiata). | (personal noun) who? whom?.

- Ko ahau te wai, ko te wai ahau I am the water, the water is me
- Water has mana, has mauri, has life
- Our greatest obligation is to that which gives us life



• A modern concept?



Whakapapa o Te Mana o te Wai

Nā ngā Atua I tuku iho mai

Nā ngā tupuna I tuku iho mai



2010 Waikato-Tainui Raupatu Claims (Waikato River) Settlement Act 2010

• Te Mana o te Awa



2012 (circa) Ngā Mātāpono ki te wai



- Introduced Te Mana o te wai
- Amendment No 1 Aug 2017 & effective 7th September 2017



2018 Kāhui Wai Māori Report

- Revised Te Mana o te Wai
- Expanded on Principles and definition



2023 Water Services Legislation Act

 Requires "...the chief executive of a water services entity to report on how an entity is giving effect to the principles of te Tiriti o Waitangi/the Treaty of Waitangi and Te Mana o te Wai."



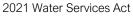
(Dec 2022) 2020 NPSFM Amendment No

• Effective 5th January 2023



2022 Water Services Entities Act

- "All persons performing or exercising duties, functions, or powers under this Act... must give effect to Te Mana o te Wai, to the extent that Te Mana o te Wai applies to those duties, functions, or powers."
- Te Mana o Te Wai Statement



• "...a person must give effect to Te Mana o te Wai, to the extent that Te Mana o te Wai applies to the function, power, or duty."



2020 Taumata Arowai – The Water Services Regulator Act

 "...give effect to Te Mana o te Wai, to the extent that Te Mana o te Wai applies to the functions and duties of Taumata Arowai."



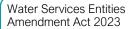
2020 NPSFM revised

- Redefined Te Mana o te wai
- Implemented Kāhui Wai Report (inpart)



2023 Water Services Economic Efficiency and Consumer Protection Act

 "The Commission or Minister must... in making the recommendation, determination, or decision, take into account the obligations of regulated water services providers, including with respect to ...Te Mana o te Wai:"



• Redefined definition of: Te Mana o te wai, Water, and Water body.



(Jan 2024) 2020 NPSFM Amendment

• Effective January 2024



2024 Water Services Acts Repeal Act

- Repealed Water Services Entities Amendment Act 2023, Water Services Economic Efficiency and Consumer Protection Act 2023, Water Services Legislation Act 2023
- Te Mana o te Wai has the meaning set out in the NPSFM2020 under s52 RMA; and applies, for the purposes of this Act, to water (as per s5 of).



2024 Press Release: Urgent changes to system through first RMA Amendment Bill

 Make it clear that, while the NPS-FM is being reviewed and replaced, resource consent applicants no longer need to demonstrate their proposed activities follow the Te Mana o te Wai hierarchy of obligations, as set out in the National Policy Statement for Freshwater Management (NPS-FM).



Whakapapa o Te Mana o te Wai

Nā ngā Atua I tuku iho mai

Nā ngā tupuna I tuku iho mai 2007 (circa) lwi Leaders Group – Freshwater 2010 Waikato-Tainui Raupatu Claims (Waikato River) Settlement Act 2010

•Te Mana o te Awa



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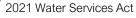
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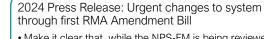
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• Only a Māori concept?



The 6 Principles(?) of Te Mana o Te Wai

Mana whakahaere

• the power, authority, and obligations of tangata whenua to make decisions that maintain, protect, and sustain the health and well-being of, and their relationship with, freshwater

Kaitiakitanga

• the obligation of tangata whenua to preserve, restore, enhance, and sustainably use freshwater for the benefit of present and future generations

Manakitanga

 the process by which tangata whenua show respect, generosity, and care for freshwater and for others

Governance

 the responsibility of those with authority for making decisions about freshwater to do so in a way that prioritises the health and well-being of freshwater now and into the future

Stewardship

 the obligation of all New Zealanders to manage freshwater in a way that ensures it sustains present and future generations

Care and respect

 the responsibility of all New Zealanders to care for freshwater in providing for the health of the nation.

The Dual Principles(?) of Te Mana o Te Wai

Tangata Whenua

Mana whakahaere

 the power, authority, and obligations of tangata whenua to make decisions that maintain, protect, and sustain the health and well-being of, and their relationship with, freshwater

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The 3 paired Principles of Te Mana o Te Wai

Tangata Whenua

Mana whakahaere

Tangata Tiriti

Article One

• the power, authority, and obligations of tangata whenua to make decisions that maintain, protect, and sustain the health and well-being of, and their

relationship with, freshwater

&

 the responsibility of those with authority for making decisions about freshwater to do so in a way that prioritises the health and well-being of freshwater now and into the future

Governance

Article Two

• the obligation of tangata whenua to preserve, restore, enhance, and sustainably use freshwater for the benefit of present and future generations

Kaitiakitanga

8

 the obligation of all New Zealanders to manage freshwater in a way that ensures it sustains present and future generations

Stewardship

Article Three

Manakitanga

 the process by which tangata whenua show respect, generosity, and care for freshwater and for others

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• the responsibility of all New Zealanders to care for freshwater in providing for the health of the nation.

Care and respect

2020 NPSFM – Te Mana o te Wai – Hierarchy of Obligations

There is a hierarchy of obligations in Te Mana o te Wai that prioritises:

First

 the health and well-being of water bodies and freshwater ecosystems

Second

 the health needs of people (such as drinking water)

Third

 the ability of people and communities to provide for their social, economic, and cultural well-being, now and in the future.



Hierarchy of Mana

There is a hierarchy of obligations in Te Mana o te Wai that prioritises:

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Mana



• Giving Effect to Te Mana o Te Wai = Mana Enhancing



Enhancing Mana

- Create a ongoing relationship, creating a strong, balanced, enduring and mutually beneficial relationship
- Nature Based Solutions Mana enhancing solutions¹
- Local Water done well = Te Mana o te Wai



5 Wai's (not why's) of Māori Engagement

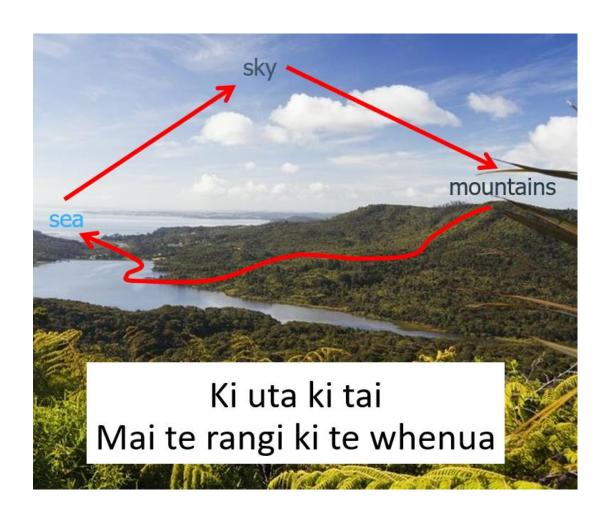
NĀ WAI?	As in Nā wai te hui i karanga?	Who in your organisation has created the need to engage, and most importantly, why?
KO WAI?	As in Ko wai ngā Māori nei?	Who are the people you are engaging or connecting with? Or sometimes, it's who do you need to engage with?
MO WAI?	As in <i>Mō wai tēnei hui?</i>	What is the benefit of this meeting or arrangement for Māori?
MA WAI?	As in Mā wai tatou e korero? Or Ma wai tatou e arahi?	Who will speak for us, or who will lead us?
HE WAI?	As in He wai ? Or have you got a song? This is a very common thing said by the people when someone is speaking, or preparing to engage.	How do you connect with respect and authenticity?

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Uplifting Te Mana o Te Wai

- Apply the principles of TMoTW
- Apply the hierarchy of obligations
- Imbed as a framework
- Enable the application of a diversity of systems of values and knowledge such as mātauranga Maori to the management of freshwater
- Adopt an integrated approach, ki uta ki tai









Case Study: Timaru DC - Stormwater Management

References:

THE EVOLUTION OF STORMWATER MANAGEMENT PLANS – GIVING EFFECT TO TE MANA O TE WAI (S. Dudson & B. Hamilton (WSP), G. Hall & M. Bunt (Timaru District Council), M. Ellis (Pattle Delamore Partners), T. Davidson (Aoraki Consultants Limited)

https://www.waternz.org.nz/Article?Action=View&Article_id=2482

make everyday better.

Beca

Stormwater Management in Te Umu Kaha / Temuka

Vision

Together we value, protect and restore the mauri/lifeforce of the waterways so that it enables Mahinga kai, ki uta ki tai.

Te Mana o te wai

- First, the health and well-being of water bodies and freshwater ecosystems
- Second, the health needs of people (such as drinking water)
- Third, the ability of people and communities to provide for their social, economic, and cultural well-being, now and in the future.

Objectives

- Progressively reverse the diminished ecosystem health in the Tuamatakahu Stream
- Protect and enhance the ecosystem health of the Te Uma Kaha / Temuka River.
- TDC advocate for ki uta ki tai (from the mountains to the sea) in Te Uma Kaha catchment during TDC's involvement stakeholder and regulator in RMA and LGA processes
- Where practicable prioritise addressing effects of stormwater quality and quantity at or close to their source rather than at the end of pipe into
- Stormwater discharges do not cause or exacerbate the risk to human health where groundwater is abstracted from bores for drinking water.
- Progressively reduce the acute and cumulative impacts of the stormwater network and stormwater discharges on waterbodies connected to and within the Opihi Mätaitai downstream of Temuka so the habitat is healthy and suitable for safe mahinga kai harvesting, and the mahinga kai species are safe to eat.
- Recognise and respect mana motuhake the whakapapa and the relationship Kati huirapa have with water ecosystems in their rohe and actively involve them in stormwater management.
- When investing in stormwater infrastructure environmental, social and cultural benefits are optimised.
- Stormwater is managed so that run-off from urban areas, the primary stormwater network and overland flow paths, does not exacerbate the flooding, erosion or damage to property or infrastructure or cause risks to human safety.
- Temuka township is more resilient to the effects of flooding and the associated the adverse impacts of climate change.



Objectives - Te Umu Kaha / Temuka



First

water bodies and freshwater ecosystems

the health and well-being of



Second

the health needs of people (such as drinking water)



Third

the ability of people and communities to provide for their social, economic, and cultural well-being, now and in the future.

Progressively reverse the diminished ecosystem health in the Tuamatakahu Stream

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TDC advocate for ki uta ki tai (from the mountains to the sea) in Te Uma Kaha catchment during TDC's involvement stakeholder and regulator in RMA and LGA processes

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Stormwater discharges do not cause or exacerbate the risk to human health where groundwater is abstracted from bores for drinking water.

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Case Study: Whanganui Prison: Hybrid Stormwater Design

References:

STORMWATER DESIGN AT WHANGANUI PRISON: A REHABILITATION JOURNEY (R. Ferguson (T&T), E. Robertson, A. Millar (Ara Poutama), T. Brockbank (Advisor to WPTWEG / BECA)

https://www.waternz.org.nz/Article?Action=View&Article_id=2770



Ngā mihi Nui

Kua tawhiti kē to haerenga mai kia kore e haere tonu.

He nui rawa ō mahi kia kore e mahi nui tonu.

- Tā Himi Henare

You have come too far not to go further. You have done too much not to do more. - Sir James Henare Thank you He pātai tā koutou? Questions?

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