

AUCKLAND STORMWATER CONSENT REVIEW, A SNAPSHOT OF THE PRESENT AND FUTURE



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Water New Zealand Stormwater Conference 2023



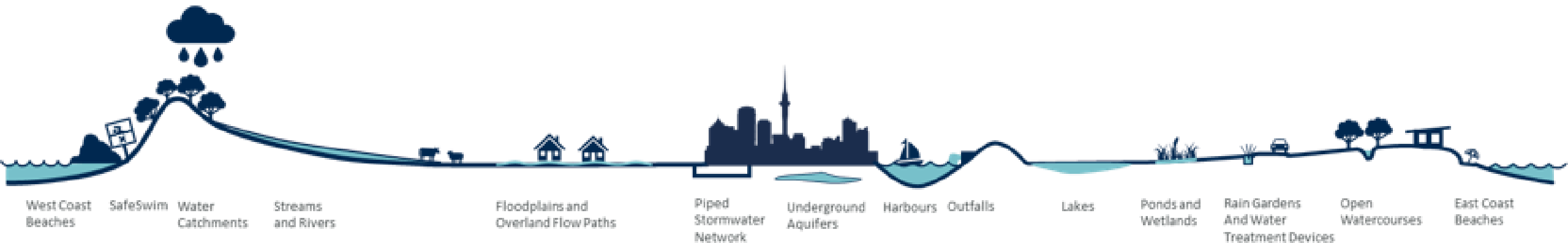
Regionwide Network Discharge Consent (NDC)

Regionwide consent - authorises the diversion and discharge of stormwater from the public stormwater network within existing and future urban areas.

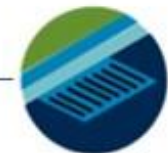
Granted in October 2019

Key tool in the management and integration of Auckland's stormwater

Uses best practice to manage public stormwater discharges



Regionwide NDC - Issues



Assets



Flooding



Stream, coastal &
groundwater health



Growth



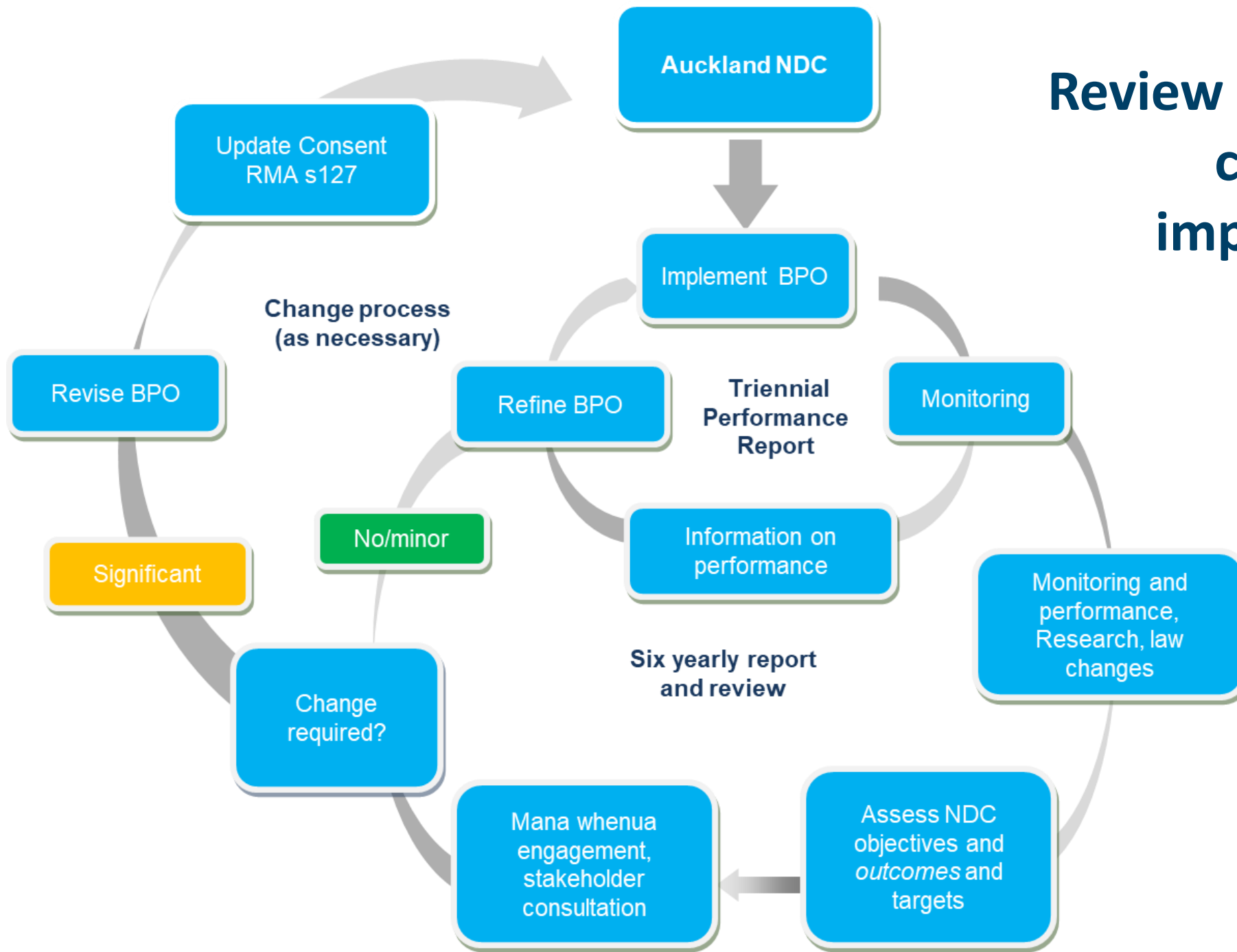
Effects on
wastewater system



Collaborative
outcomes



Review cycles and continuous improvement



What was included in the 6 year review?

State of the environment,
monitoring, sampling,
modelling results, FWMT

Development related
stormwater management
from plan changes and
resource consents

Asset information –
Operational,
maintenance, capital
works

Catchment, flooding and
climate change
information

Performance against NDC
targets

Review of processes

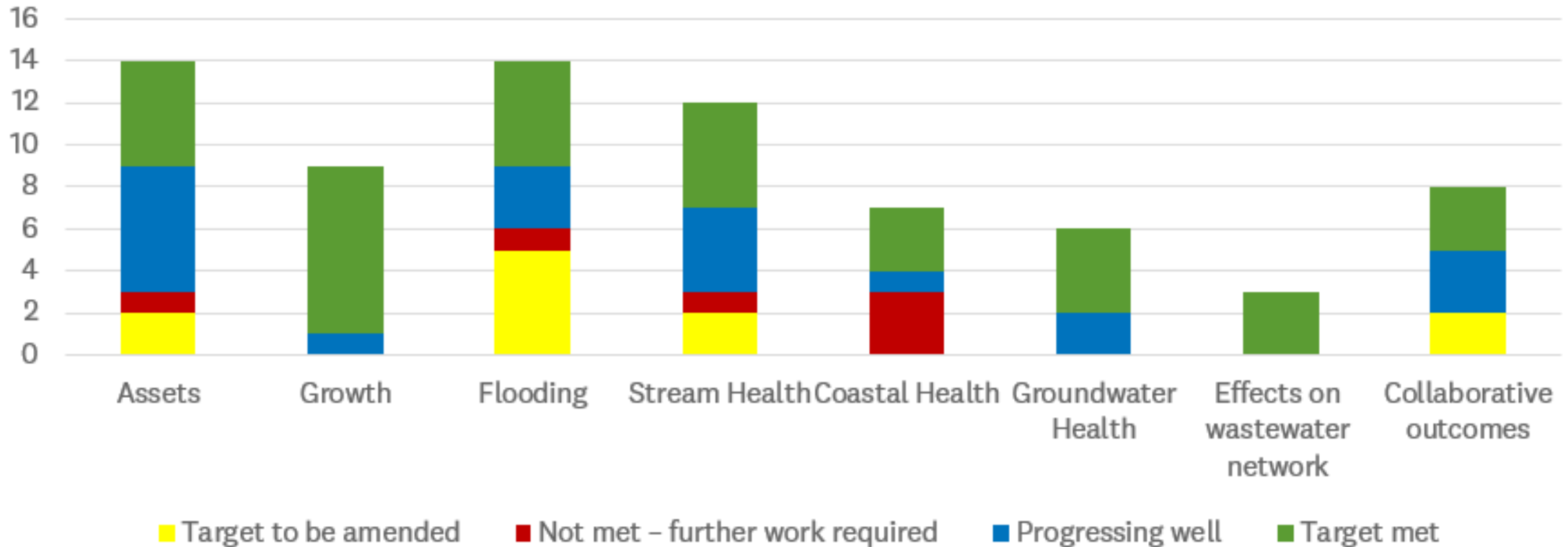
Engagement

- Mana whenua
- Sw industry
- Elected members
- Stakeholders & public

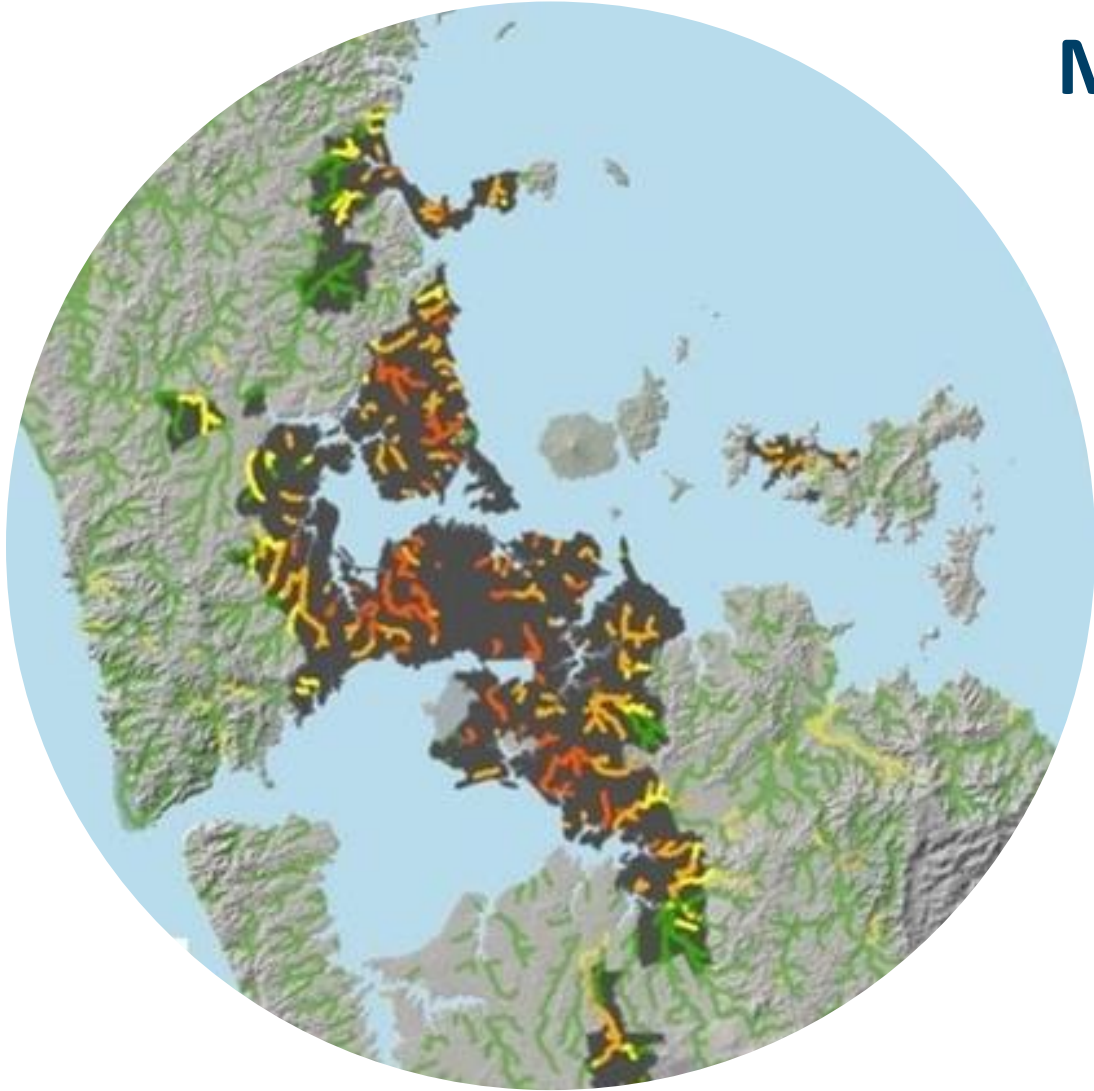
Independent audit by Technical
Reference Group



Performance against NDC Targets



Monitoring and Assessment



- Too early to see influence of network discharge consent
- State of the Environment and Freshwater management tool model both show that water quality is degraded in urban areas – use as baseline for future
- Many water improvement programs in place (quality and quantity)



Reducing the Risk of Flooding

Healthy Waters has a range of functions:

- hazard identification
- flood modelling
- advocating for resilience during development
- maintaining assets
- supporting emergency response

Challenges

- land use decision making
- performance measures

Current political focus on recovery plan



Enabling Growth

- New processes and requirements
- Feedback from industry
- Increasing intensification in brownfield areas
- Challenges for the implementation of water sensitive design and achieving good quality stormwater assets

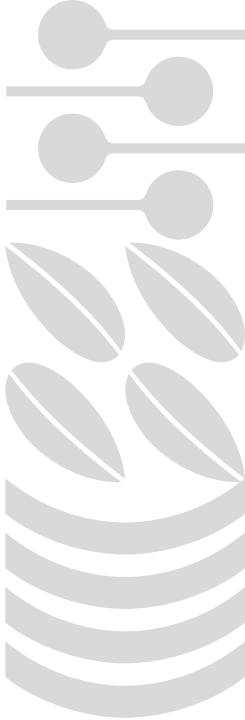




Te mauri o te wai

What we heard from mana whenua

- Importance of incorporating te mauri o te wai into Healthy Waters work and development related work
- Enable mana whenua to be active in monitoring and stormwater management



Other Pressures and Influences

Increasing urban intensification

Climate change

Water Reform

RMA Reform

Water quality limits



Present and future of the Network Discharge Consent

Review certified compliant

No big changes proposed at this time

Recommendations for future

- Process improvements for growth and development
- Embedding te mauri o te wai
- Monitoring strategy





Thank you

Pātai?

Read the full Review at
<https://www.aucklanddesignmanual.co.nz/ndc>

