



Auckland Council Healthy Waters and Beca Limited

Regional Consent for Fish Passage Improvement

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Content

- Overview of the Healthy Waters Fish Passage Improvement Programme
- Why a regionwide consent?
- How the region-wide consent works
- Implementation
- Lessons and opportunities



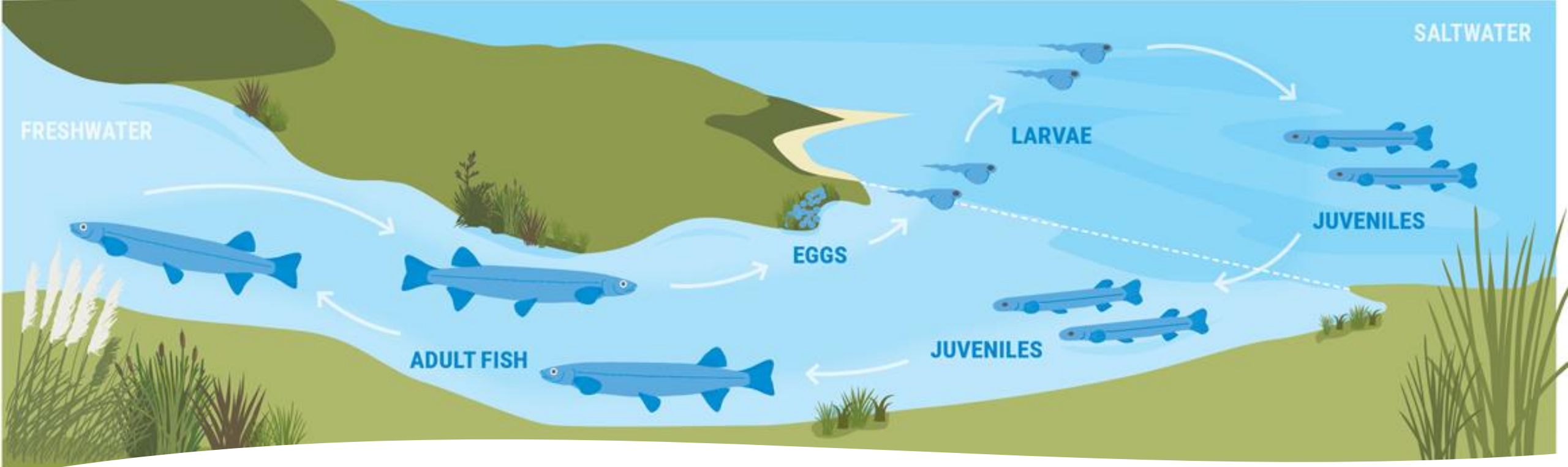
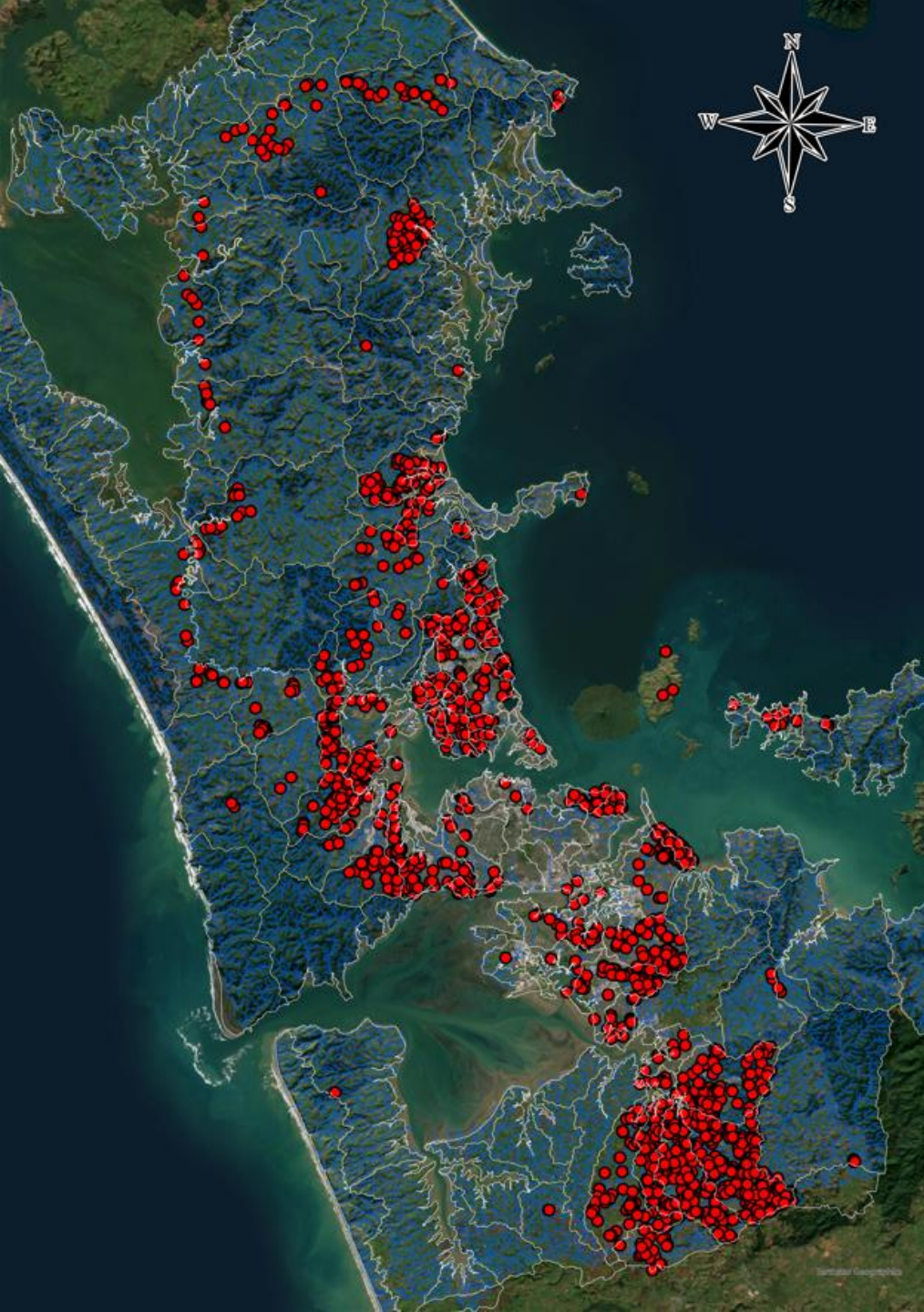


Image: NIWA

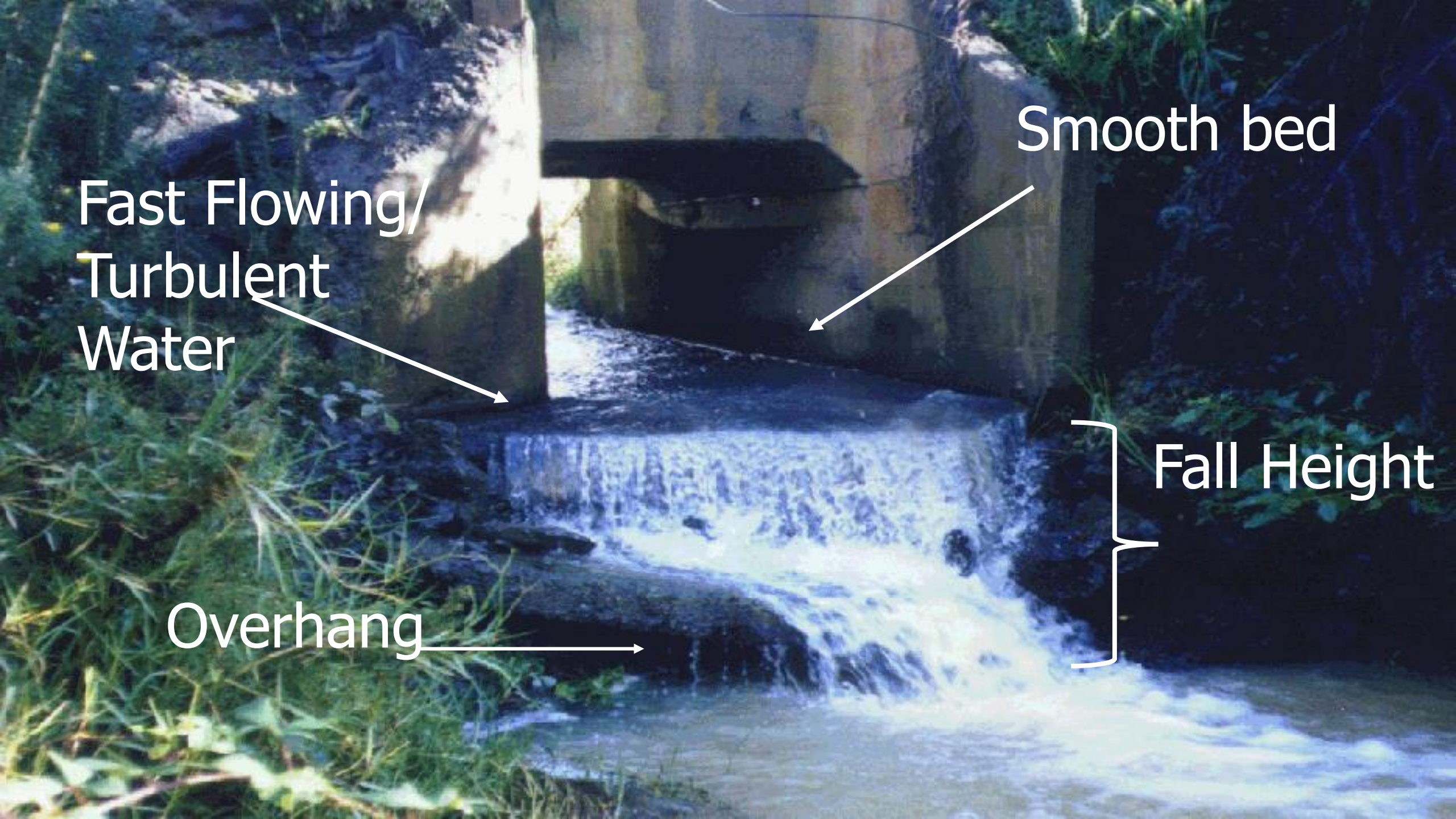
Fish Passage

- Native fish need to access the sea and freshwater.
- More than 70% of our native fish are threatened or at risk of extinction.
- Loss of habitat connectivity is a contributing factor.
- Instream structures (ie culverts, weirs and dams) create barriers for fish migration.



Fish Passage Improvement Programme

- > 16,000km of permanent stream
- > 4,200 barriers
- Required by the Regionwide Stormwater Network Discharge Consent, and NPS:FM



Fast Flowing/
Turbulent
Water

Smooth bed

Overhang

Fall Height

Fish Passage Improvement Programme

- Preliminary planning assessments for 15 projects
- Some can be undertaken as a permitted activity
- Most projects trigger consent

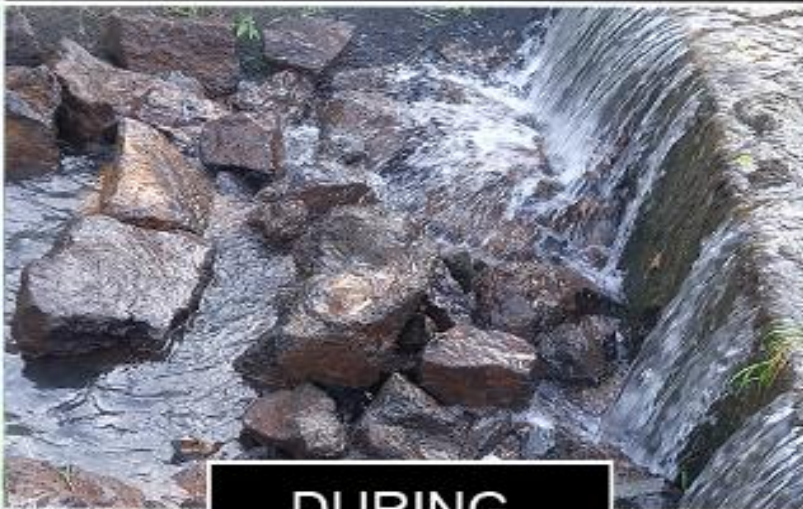


Fish Passage Improvement Programme

Natural Rock Ramp



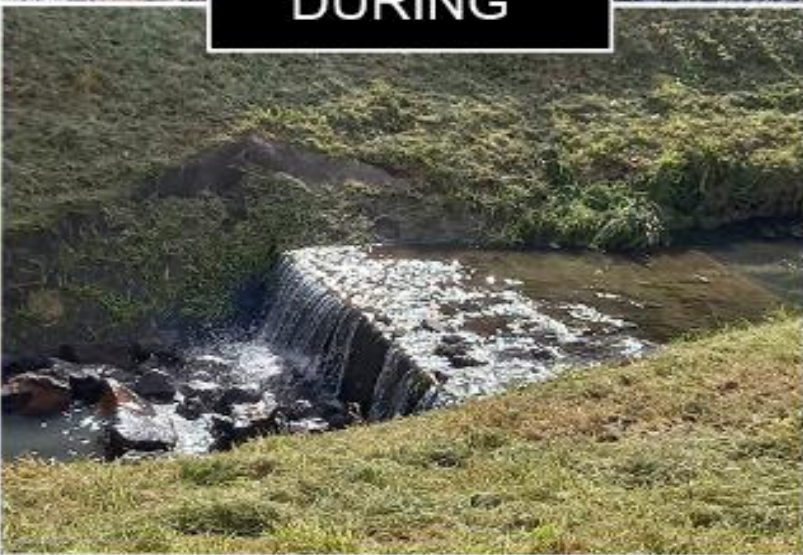
BEFORE



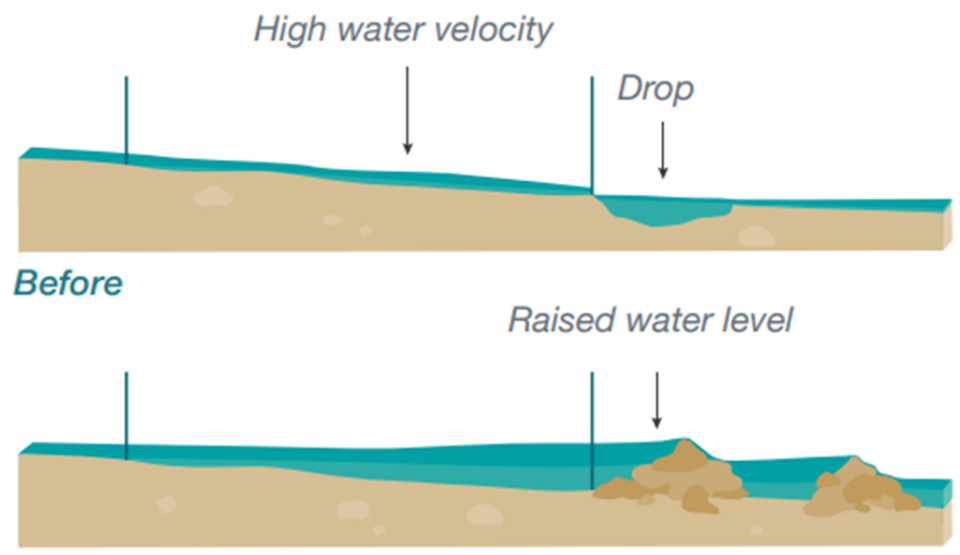
DURING



AFTER



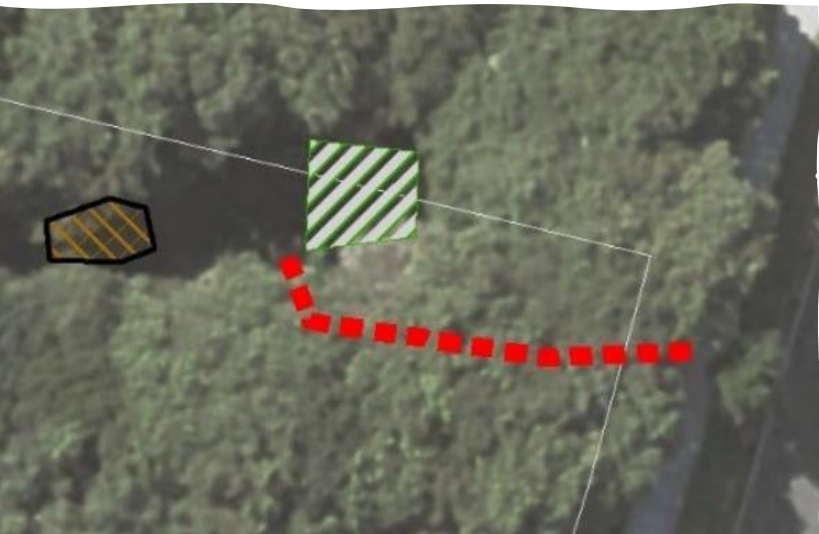
Newbury Rock Riffles - backwatering



Before



After



Key consent triggers

- Volume of material at end of culvert
- Riffles (weirs) with gradient $< 1:30$
- Temporary stream diversion
- Earthworks
- Vegetation removal
- Overlays

Consent applications

2 consent applications (Ponga, Lowtherhurst)

9 months to get consent (1-2 months to prepare, 6-7 months to process)

Programme is maturing, designs have changed...

Cost of consent > constructing project

Delays + Cost = less restoration of Auckland streams



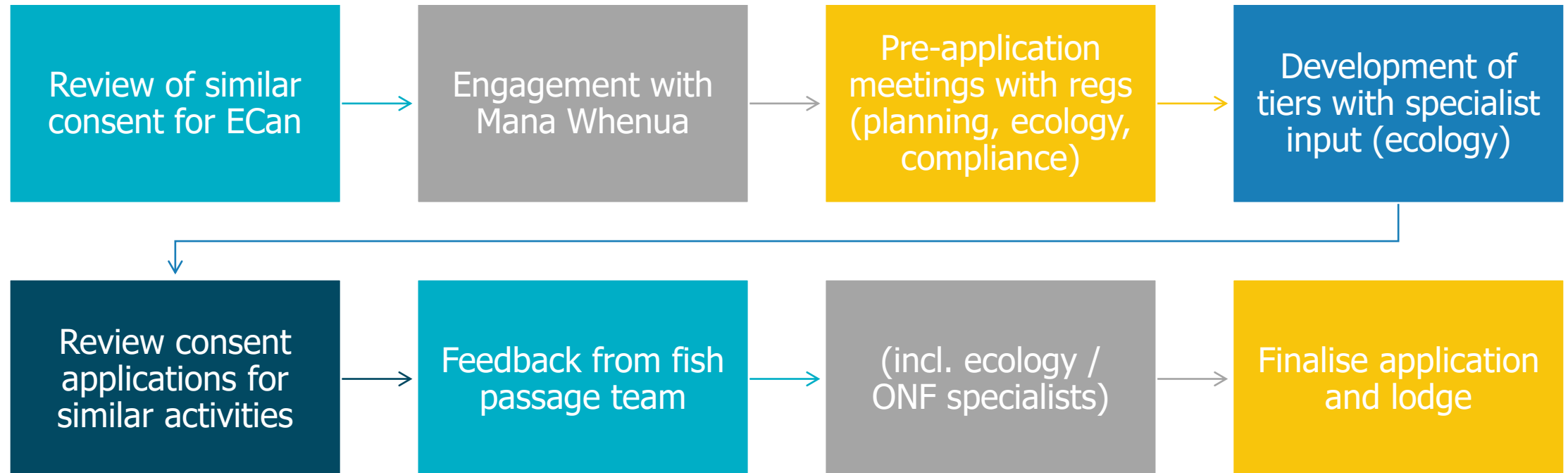
Regional Consents

- How to do 4,000 sites efficiently and effectively to maximise benefits for streams?
- Regional consents:
 - Stormwater Network Discharge Consent
 - Regionwide Tree Consent
- Process consents – provide set of conditions that must be met and steps to follow
- Still require asset owner approvals, etc

Regionwide stormwater network discharge consent



Development of consent



Decision on notification of an application for resource consent under the Resource Management Act 1991

Non-complying activity

Application numbers: BUN60412847 (Council Resource Consent)
 LUC60412848 (s.9 Land Use Consent)
 S60412849 (s.9 Stream Bed Alteration Consent)

Applicant: Auckland Council

Site address: [Redacted]

Legal description: [Redacted]

Proposal:
 To undertake fish passage remediation works where a global consent will facilitate the cost and efficiency of one consent. The remediation works will require 3

3. Under step 3, limited notification is not required as:
 - a. this application is not for a boundary activity; and
 - b. there are no adversely affected persons because:
 - Any adverse effects associated with the proposed programme of works are anticipated to be temporary and generally small scale.

Different tiers of works will ensure that the works carried out will ensure that mitigation measures are put in place to minimise any adverse effects on the neighbouring persons affected by the planned works.

With the mitigation and management measures which will be in place at the time the works are carried out, the works will be managed.

By the landform; however, the remediation works through existing in-stream, remediation of existing structures and replacement of existing structures will ensure that there are no adverse effects on the general visual appearance of the stream bed.

Decision:
 I have received the application, supporting documents, and the report and recommendations on the application for resource consent. I am satisfied that you have sufficient information to consider the matters required by the Resource Management Act 1991 (RMA) and make a decision under delegated authority on the application.

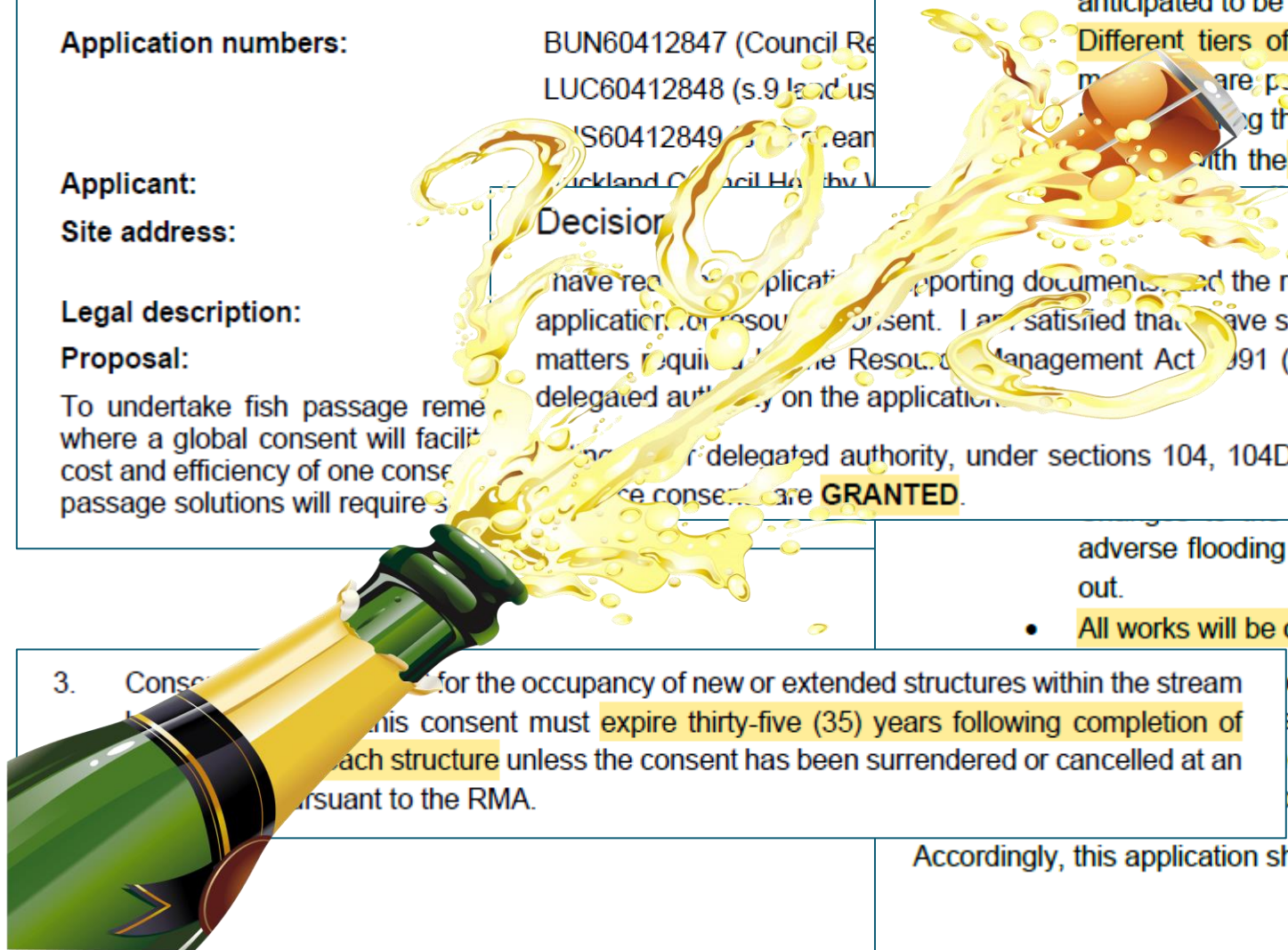
Under delegated authority, under sections 104, 104D, 104B and Part 2 of the RMA, the resource consents are **GRANTED**.

- All works will be of a temporary and short-term nature.

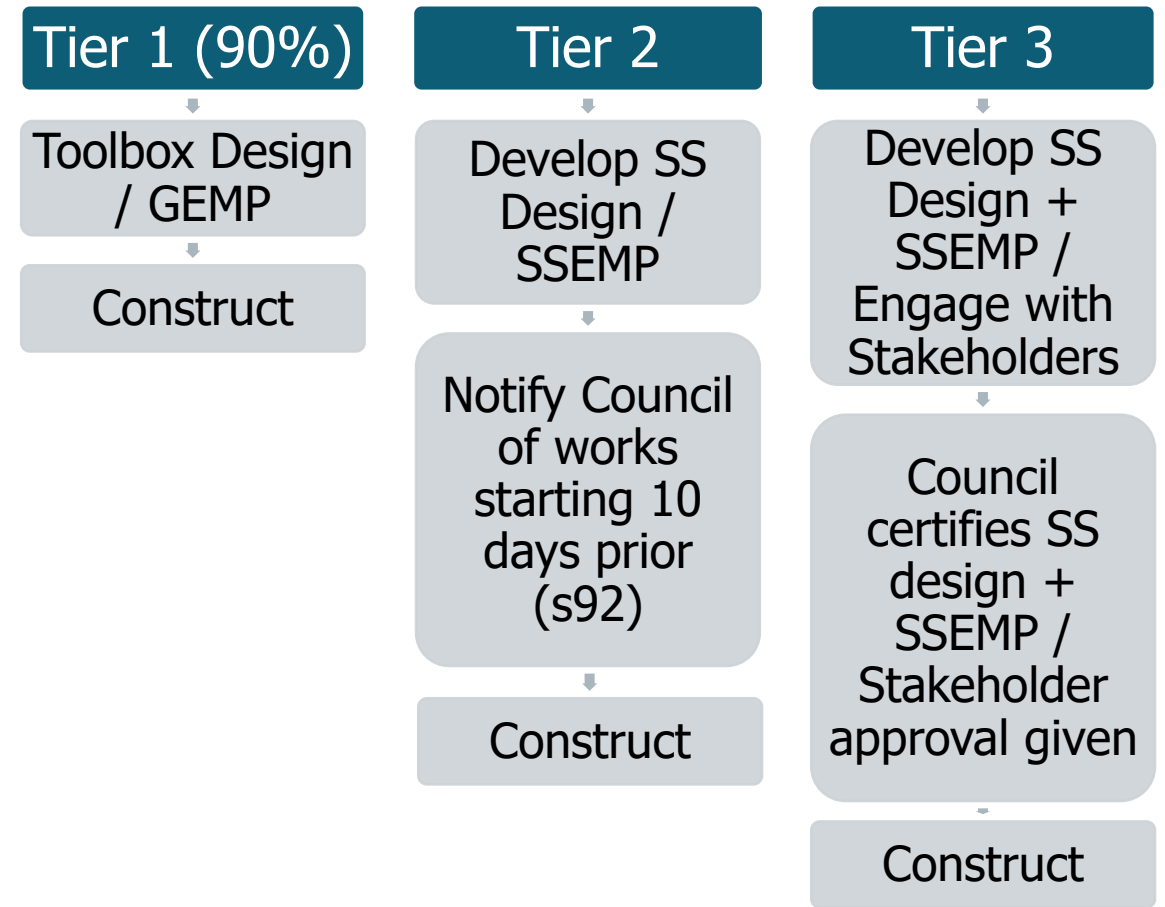
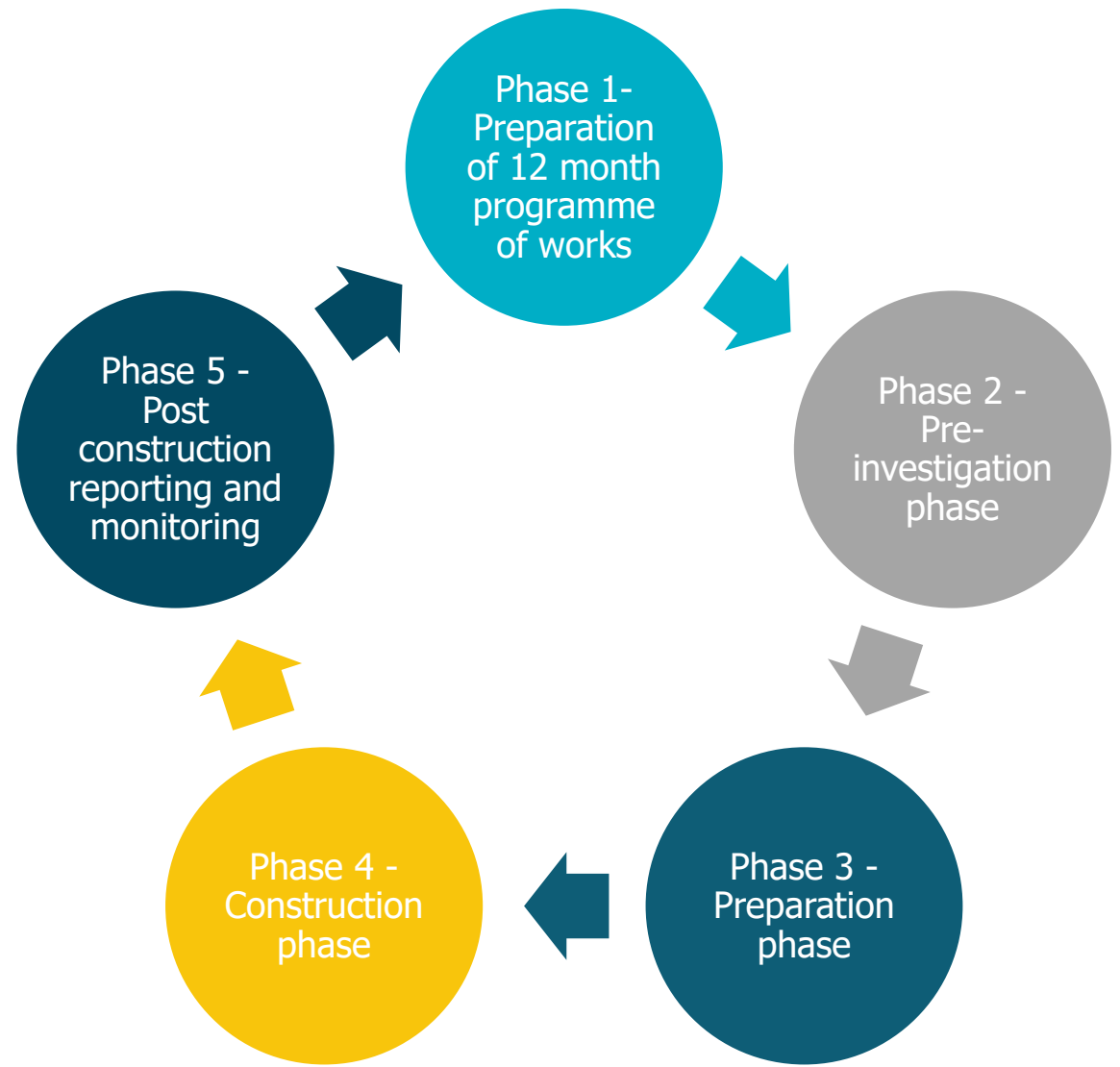
3. Consents for the occupancy of new or extended structures within the stream bed must expire thirty-five (35) years following completion of each structure unless the consent has been surrendered or cancelled at an earlier date pursuant to the RMA.

There are no special circumstances that warrant the application being limited notification because there is nothing exceptional, abnormal or unusual about the proposal and the proposal has nothing out of the ordinary run of things to which any other persons should occur.

Accordingly, this application shall proceed on a **NON-NOTIFIED** basis.



How does it work?



General Environmental Management Plan (GEMP)

- Best management practices based on GD05
- Tier1: use the measures set out in the GEMP
- Tier 2/3: Site Specific EMP (more complex / more sensitive environments)
- Tier 3: Certified
- Final to be provided through consent process



Iwi engagement





Compliance Involvement

- 12 month forward programme (annual report)
- Tier 2 – notify prior to work starting
- Tier 3 – notification and certification process
- All tiers – compliance monitoring
- Reporting back on progress (annual report), including requirements of NES:F

Implementation



- Reviewed more than 40 Projects (Year 1 – 3)
- Annual report submitted
- 4 SSEMPs completed
- Physical works has started

Lessons and Opportunities

Developing Tier levels

Working with Regulatory

Flexibility in design

Information Management

Applying the approach to other work programmes

Ko te wai te ora o ngā mea katoa – Water is the sustenance of all things



Back Row: Oliver Ferrick (Glasgow, Physical Works), Theo Dombroski (Morphum, Design), Vanessa Castro (HW, Fish Action Plan Lead), Andrew Rossaak (Morphum, Ecologist) Amish Chand (HW, GIS Analyst/Fish Action Plan), Jenny Vince (BECA, Principal Planner) Dean Yee (HW, Resource Consent) and Rachael Clark (BECA, Planner)

Front Row: Colleen Brent (HW, Environmental Technical Advisor) and Aoibhe Charlott Kennedy (HW, Project Manager)

Thank you!
Questions? Patai?