



# Hokitika Wastewater Upgrade Project

**Westland District Council  
Oversight Subcommittee meeting**

**12 July 2023**



# Hokitika Wastewater Upgrade Project

## Agenda

- Project Update – 2023 activity
- Overview of Work to Date – Journey map and indicative timeline
- Selection of slides presented at last Meeting – for reference:
  - Options/Alternatives – Sieving Approach
  - Assessment Overview and Criteria
  - Short List of Potential Wastewater Schemes
- Communication and Engagement
  - Seek endorsement of the proposed engagement approach
  - Identify dates for public information and feedback sessions
  - Identify date for next Subcommittee meeting
- Next Steps and Questions



# Project Update

## Options Development (2023 activity prior to last meeting):

- **Site visit** to Greymouth Biological Trickling Filter (BTF) WWTP.  
Visits by: Project Working Group (June 2022), **Oversight Subcommittee** (Feb 2023).
- **Scheme Options ‘Long List’** – Traffic Light Assessment to identify a ‘Short List’.  
Assessed by: Project Working Group (June and July 2022, Jan 2023).
- **‘Short List’ of Potential Wastewater Schemes** – to take forward for detailed investigations.  
Endorsed by: **Oversight Subcommittee** (Feb 2023).  
Presented to: **Full Council** (Feb 2023).



# Project Update

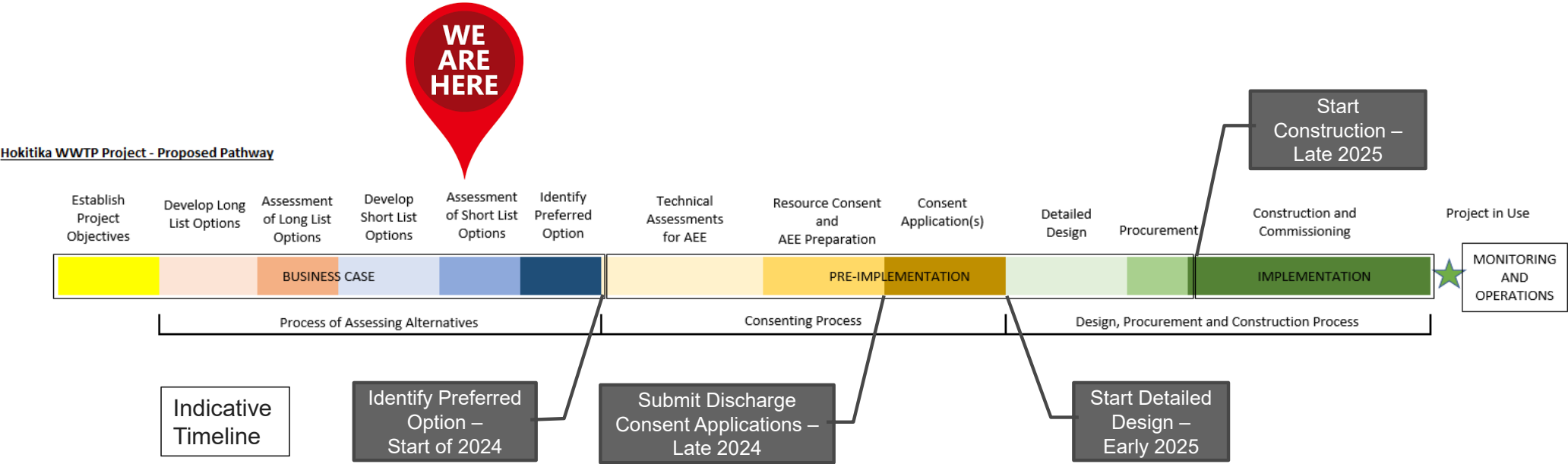
## Options Development (2023 activity since last meeting):

- **Westland Milk Products** - working together regarding possible use of their ocean outfall.
- **Silver Fern Farms** – carrying out options assessments for additional on-site treatment and waste stream separation at site.
- **Detailed investigation of Short Listed Schemes:**
  - Evaluation topics – have identified resources and aspects needing to be assessed.
  - Land discharge option – hydrogeological desktop evaluation underway.
- **Communications and Engagement:**
  - Project [web page](#) on Council's website has been updated.
  - Comms & Engagement Plan – updated including public information and feedback sessions in November.



# Overview of Work to Date

Pathway/journey map, with indicative timeline.

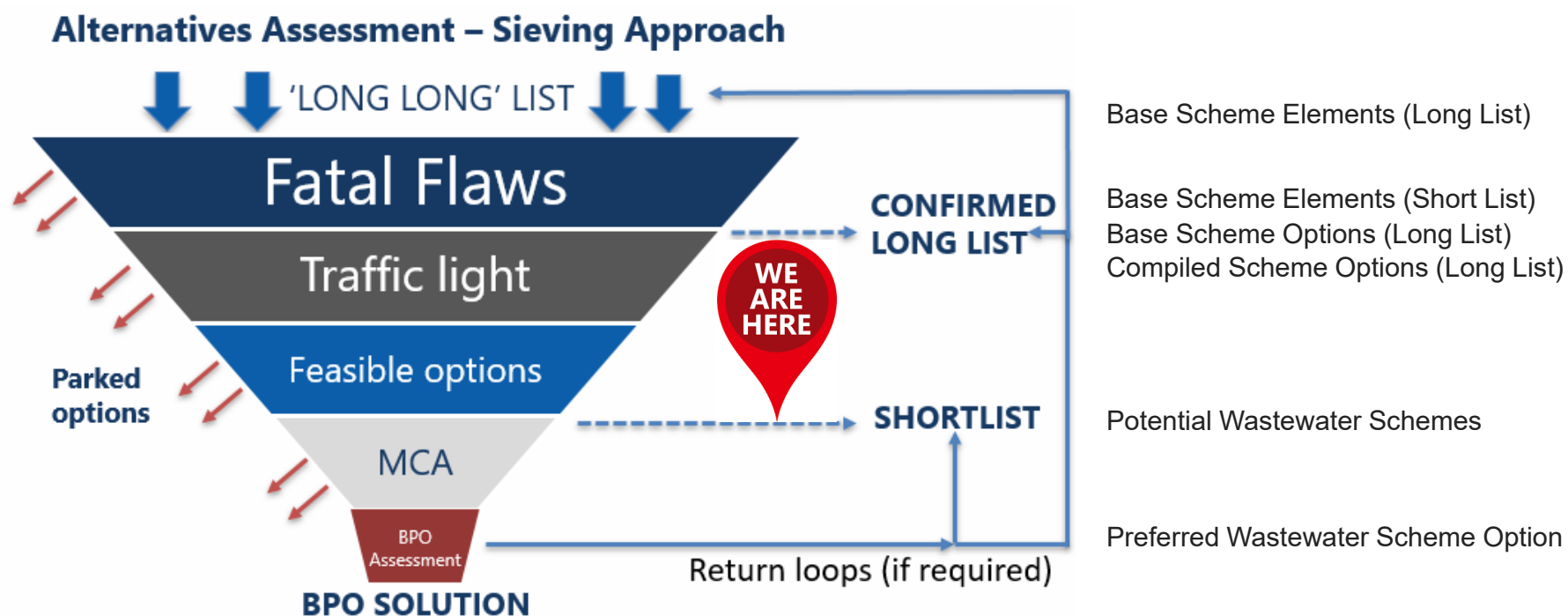


Latest application date for new discharge consents would be six months before expiry of existing consents in April 2026 (i.e. Oct 2025).

Once Consent Applications are lodged with WCRC, their process will govern the timeline. Also, with pending new legislation in terms of the Natural and Built Environment Act (NBA) different consent processes and timelines may apply. We currently assume the existing RMA processes will be retained over a transitional period.



# Options/Alternatives – Sieving Approach



\*Feasible Options are an outcome of the Traffic Light Assessment

MCA – Multi Criteria Analysis (decision tool), BPO – Best Practicable Option (RMA definition)

**Importance under the RMA of a robust and defensible approach to alternatives assessment**



# Assessment Overview and Criteria

Set out in **Options Assessment Framework** document, endorsed by Oversight Subcommittee (April 2022).  
Extract below (Assessment Criteria), full document provided as PDF for viewing.

Scope	Criterion	Assessment stage		
		Fatal Flaw Assessment	Traffic Light Assessment	MCA
Investment Objectives	Avoid discharge of treated human waste directly to natural water bodies.	Y	Y	Y
	Meet regulatory standards for treated wastewater contaminants	N	Y	
	Minimise risk of climate change impacts on the wastewater system.	Y	Y	
Minimum Service Requirements	Public health risk	Y	Y	Y
	Alignment with the planning framework	Y	Y	Y
	Constructability	Y	Y	Y
	GHG emissions / Carbon footprint	N	Y	Y
	Infrastructure and technology	Y	Y	Y
Four Wellbeings	Māori cultural	Y	Y	Y
	Natural environment	Y	Y	Y
	Social and community	N	Y	Y
	Economic development and growth	Y	Y	Y
Critical Success Factors	Affordability/Financial	N	N	Y
	Technical feasibility	N	N	Y



# Short List of Potential Wastewater Schemes

11 Options

Endorsed: Oversight Subcommittee (8 February 2023)

Base Scheme Ref.	Receiving Environment	WWTP Location	Base Treatment Option	Mana Whenua Input from 'Long List'	Treatment Enhancements		
					UV Disinfection (d)	Membrane Filtration (m)	Cultural Enhancement (c)
O-TP1-B	Ocean via: WMP Existing Outfall	TP1 Existing WWTP Site	Biological Trickling Filter (BTF)	x	x	x	✓
				x	✓	x	✓
				x	x	✓	✓
O-TP2-B		TP2 West of Airport		✓	x	x	✓
				✓	✓	x	✓
				✓	x	✓	✓
O-TP3-B		TP3 Airport		✓	x	x	✓
				✓	✓	x	✓
				✓	x	✓	✓
L-TP2-C	Land West of Airport via: RIBS/Trenches	TP2 West of Airport	Conventional Secondary Treatment	✓	✓	x	✓
				✓	x	✓	✓

Silver Fern Farms Options still to be worked through.



# Short List of Potential Wastewater Schemes

Receiving Environment and WWTP Locations (Short List options shown **blue**)



## Receiving Environment Options

### ***Ocean:***

**O3 – WMP Existing Outfall**

O4 – New WDC Outfall (location not defined)

### ***Land:***

In the vicinity of:

**L1 - West of Airport**

L2 - Airport

L3 - East of Airport

L4 - Blue Spur

L5 - Kaniere

L6 - Southside / Adair Road

## WWTP Location Options

In the vicinity of:

**TP1 - Existing WWTP Location**

**TP2 - West of Airport**

**TP3 - Airport**

TP4 - East of Airport



# Communication and Engagement – slide 1 of 3

**Planned communication and engagement to end of 2023, for discussion and endorsement:**

- Iwi Partner:
  - Whanau whitiwhiti kōrero
  - Kaumatua whitiwhiti kōrero
  - Hui at Greymouth BTF WWTP, and present on Hastings WWTP
  - Whanau hui for public information material comment
  - Schedule Oversight Subcommittee meeting at Arahura Marae
- Statutory Authorities:
  - Meeting with WCRC to discuss regulatory aspects to inform the MCA assessment of options.
  - Project Working Group meeting to update WCRC, CPH, DOC, NTU and DIA.
  - Continue working closely with each to keep informed as move toward options assessment.
- Key Stakeholders:
  - WMP – continue working closely with.
  - SFF – continue working closely with in relation to:
    - Assessment of SFF options for additional on-site treatment.
    - Addition of SFF options to the domestic flows 'Short List'.
  - Airport – continue contact.



# Communication and Engagement – slide 2 of 3

## Planned communication and engagement to end of 2023, for discussion and endorsement:

- Interested parties, including previous submitters, near neighbours, recreational users, business community, media, and the wider community:
  - E-newsletter to Council mailing list, previous submitters, key stakeholders.
  - Ongoing update of Council's project web page content.
  - Social media posts via Council channels.
  - Pre-engagement media releases.
- Wider Community / All:
  - Project [web page](#) on Council's website:
    - Includes background, detailed timeline with hotlinks to key documents, next steps.
    - Ongoing update of content as project progresses.
  - Public information and feedback sessions (two in November 2023, at Hokitika RSA):
    - Explain the process so far, and next steps.
    - Provide an opportunity for input:
      - *This is where we're up to.*
      - *This is the process we are following.*
      - *These are the options we are looking at.*
      - *Have we missed anything?*



## Communication and Engagement – slide 3 of 3

- **Endorsement** of the Communication and Engagement approach by the Subcommittee.
- Agree dates for **two public information and feedback sessions** – in November 2023.
- Agree date for next **Oversight Subcommittee** meeting – 6<sup>th</sup> or 13<sup>th</sup> of September 2023:
  - For review of **public information and feedback session material**.



## Next Steps

- **Communication and Engagement** – as per previous slide (based on endorsement).
- **Westland Milk Products** – continue discussion regarding using their ocean outfall.
- **Silver Fern Farms** – assess options with SFF and addition of these to the ‘Short List’.
- **Detailed investigations of Short Listed Schemes** including SFF options – continue.
- **Multi Criteria Analysis of the Short Listed Schemes** and **decision making**.
- **Identification of a Preferred Wastewater Scheme.**

## Questions?