

Waimea Community Dam Shareholders update

June update

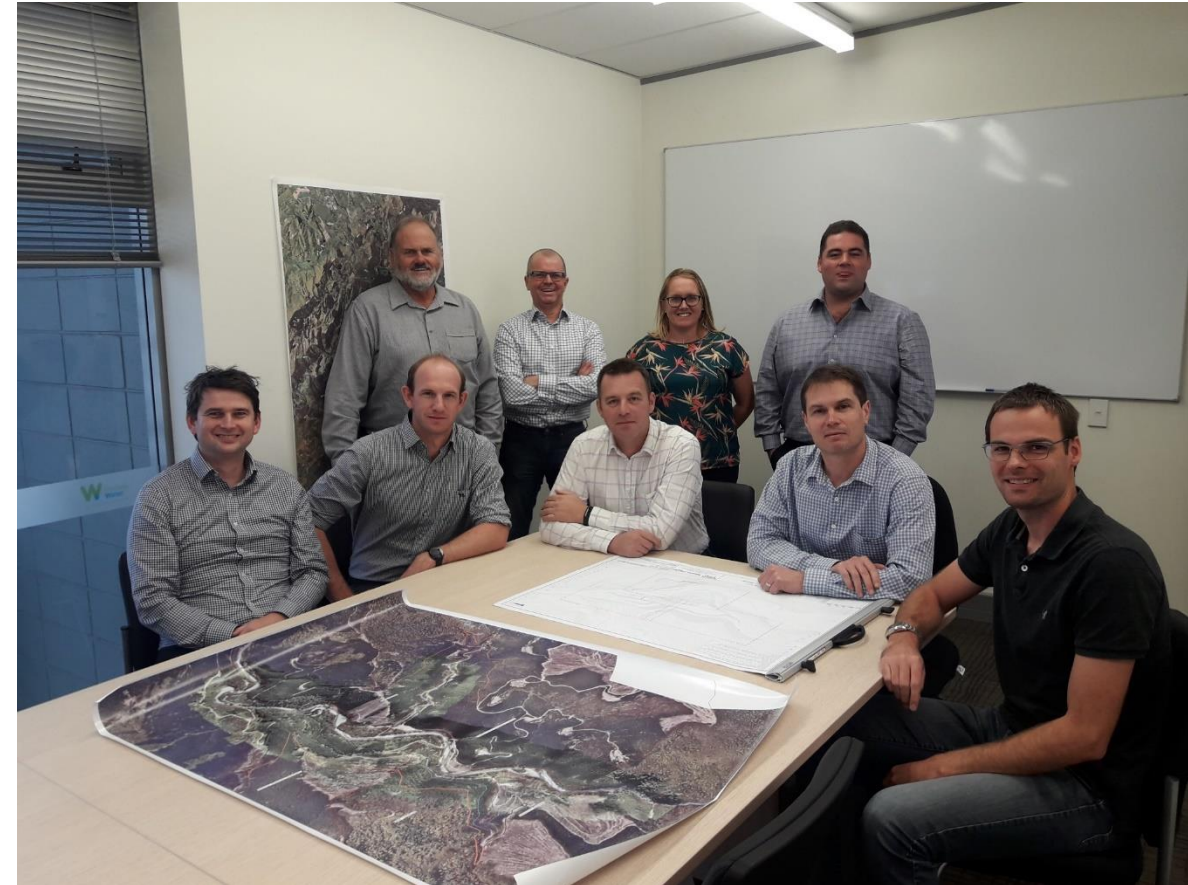
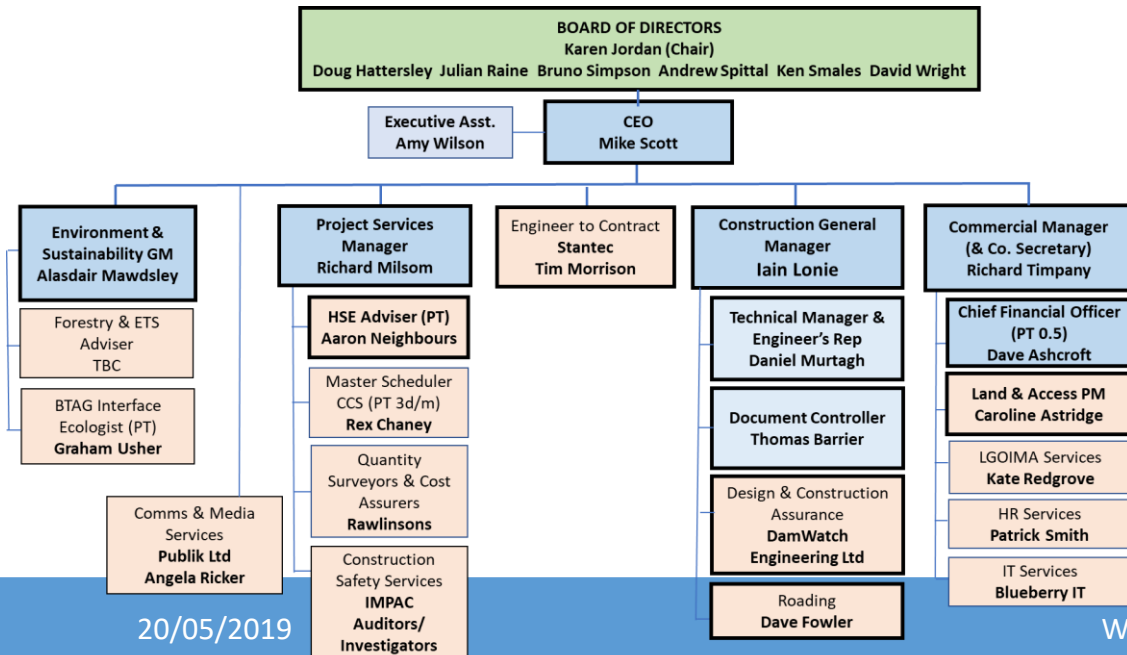
Waimea Community Dam is underway

- Fully funded TDC, WIL + CIIL
- WWL incorporated 27 Nov 2018
- Financial close 21 Dec 2018
- Construction commenced 14 Jan 2019
- Organisation in place early 2019
- Dawn Blessing March 2019



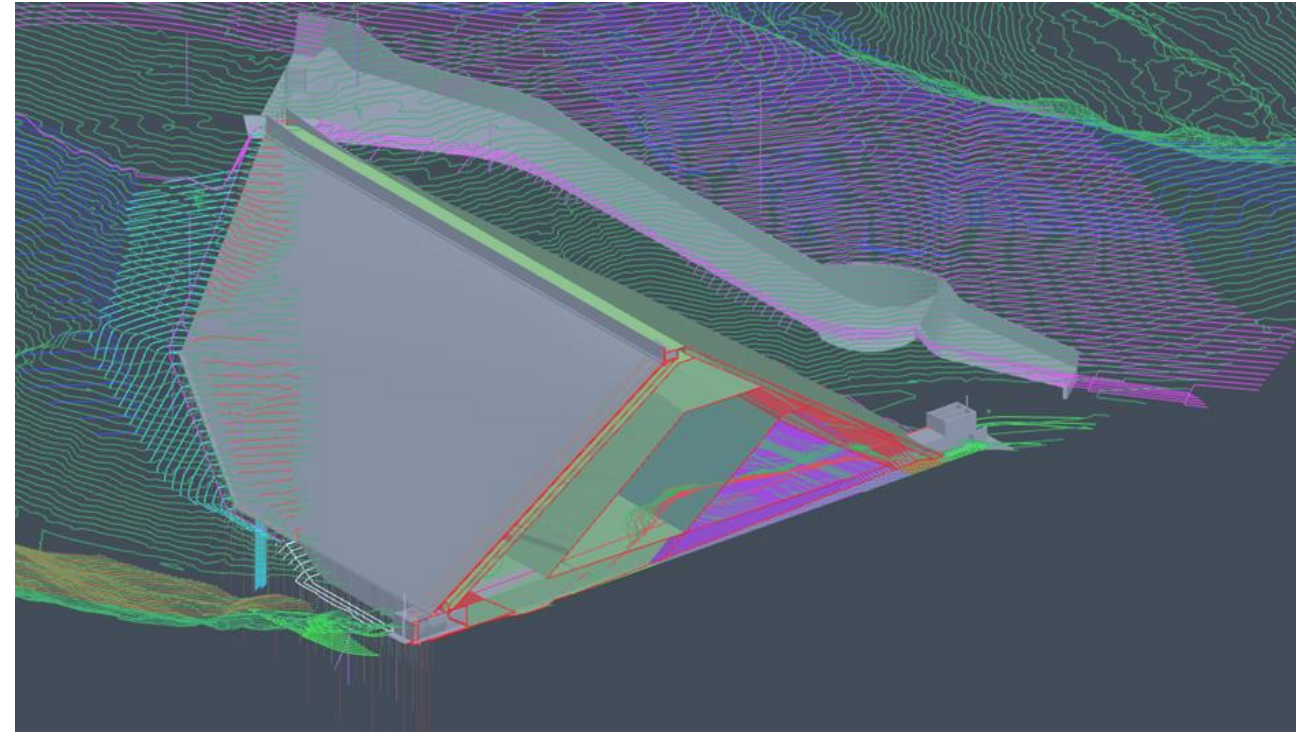
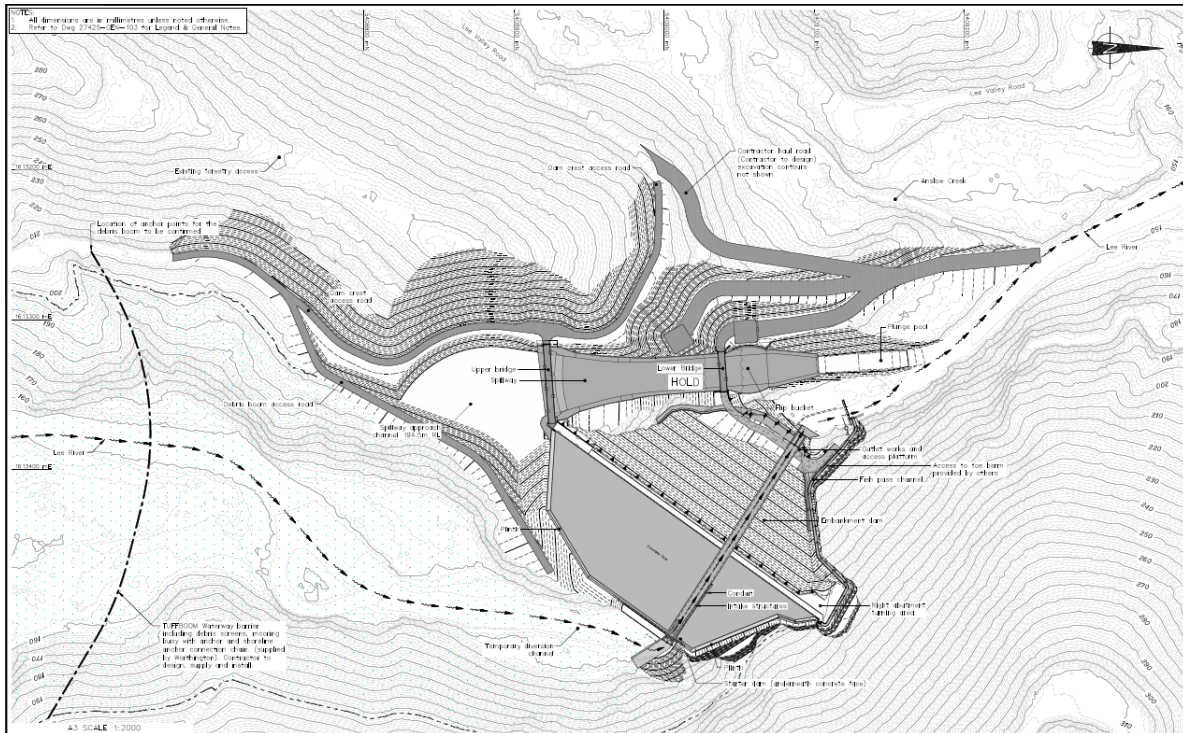
WWL Organisation

- Strong experienced board meeting regularly
- Experienced and highly skilled specialists
 - Environment & Sustainability
 - Design
 - Construction
 - Project Services
 - Business & Finances



Design

- Damwatch has been appointed as Designer and Construction-Reviewer
- Currently focusing on opportunities to reduce costs, optimise design and de-risking
- 257 Drawings revised and being reissued for construction



Construction

Fulton Hogan Taylors Joint Venture is the main contractor building the Dam

- Access Road: 3 km of road out of 6.5 km is complete. Right Hand Abutment access underway
- Preparatory work: Constructed Sediment Retention Ponds, cleared Pig Flat, felling trees
- Site Monitoring: Turbidity water quality monitoring



Construction: July - August

- Construction of access to right hand side abutment
- River diversion left hand side
- Commence vegetation clearance in reservoir footprint
- Commence clearing and excavating left and right hand sides
- Commence constructing temporary coffer dams
- Compaction / Permeability trials



20/05/2019



Waimea Water Ltd



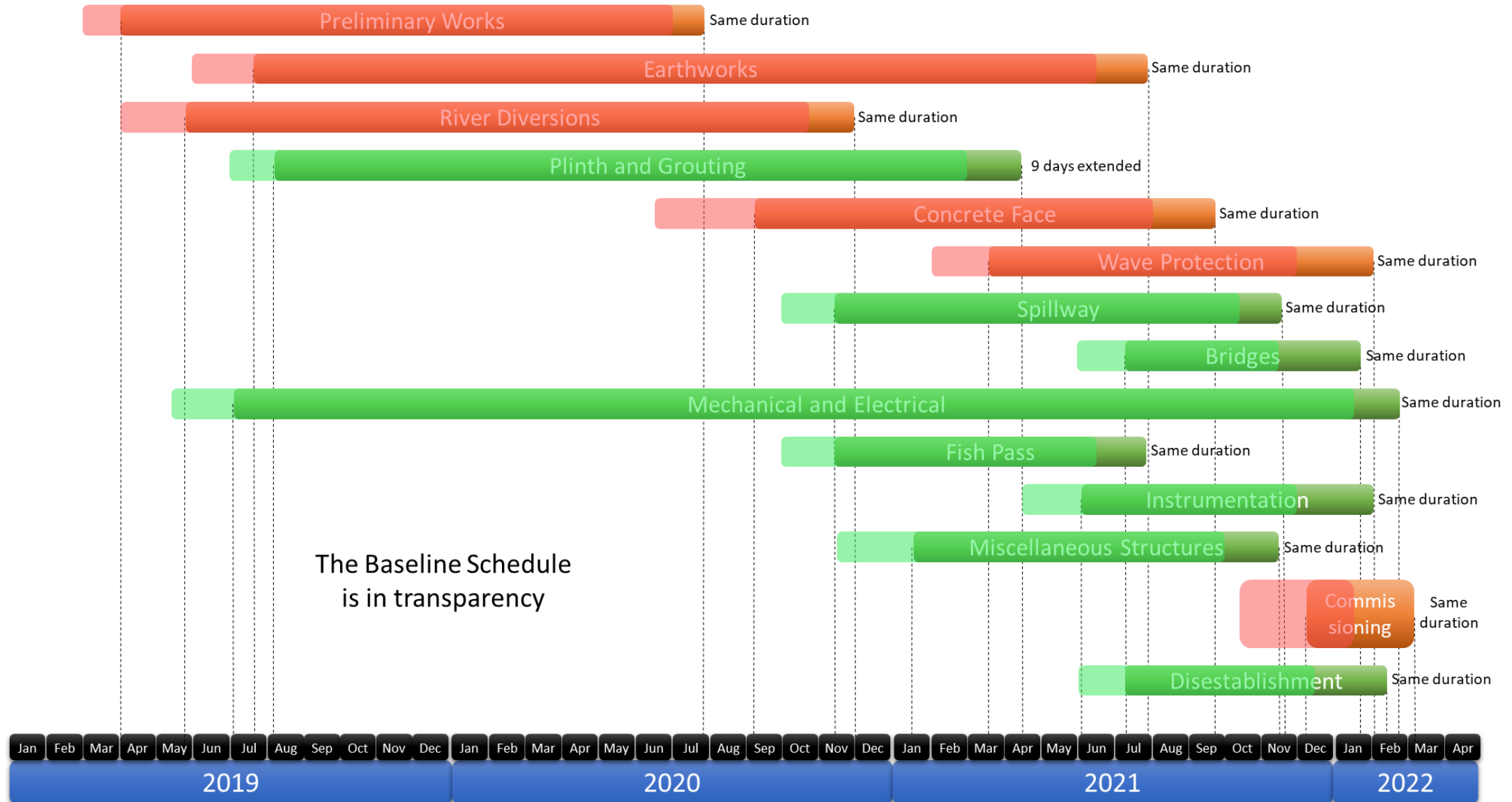
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Environment and Sustainability

- 121 Resource Consent conditions
- Working 98 action items
- Sediment Retention Ponds (Pig Flat)
- Construction Environmental Management Plans approved and being audited
- Biodiversity Management Plan approved with 8 sub-management plans. BTAG support
- 4 rare plant species being moved (BMP #2)
- Planning Rough Island Wetland restoration (BMP #4)
- Planning for Emission Trading Scheme (ETS)
- Preparing Reservoir Management Plan



Program



Challenges and Risks

- Geology to be better understood 4Q2019
- Mechanical, electrical and surveillance design finalised 4Q2019
- Flood risk with contractor but risk to schedule. 12 May 1:50 year 47 mm/hr = 250 m³/s
- Force Majeure: Drought / Fire risk; Disturbances

In the News

Waimea Dam to aid eels on journey to Pacific – scientist, 11th December 2019, Radio New Zealand

Construction of Waimea dam set to begin, 16th January 2019, Nelson Mail

Waimea Water boss pumped to be part of 'legacy' dam project, 9th May 2019, Nelson Mail

Waimea Water brings exec home, 9th May 2019, Farmers Weekly

Waimea Water pumped and ready for more action, 7th June 2019, Waimea Weekly

SOI: We are doing what we said we would do

Health & Safety

- ✓ Implement Health and Safety Management System complementing Contractor's system
- ✓ Verify and audit Contractor compliance and track investigations
- ✓ Track key leading and lagging indicators

Sustainability

- ✓ Comply with Resource Consent conditions and Biodiversity Management Plan
- ✓ Review and audit Construction Environmental Management and Vegetation Clearance Plans
- ✓ Water quality monitoring
- ≈ Implement carbon offset (ETS) plan; and minimise carbon emissions

Project Delivery

- ✓ Optimise design for safe, reliable and efficient operation
- ✓ Design (PS-1; PS-2) and construction (PS-4) certification
- ≈ Review and optimise schedule for practical completion Oct-2021

SOI: We are doing what we said we would do

Funding

- ✓ Provide regular and transparent cost and funding forecasts to completion
- ✓ Meet statutory and agreed financial deadlines with financial accounts. Audited
- ✓ Operate an effective internal control environment

Engagement

- ≈ Active engagement with our communities and stakeholders
- ✓ Proportionate media and social media presence
- ≈ Engage Mana Whenua

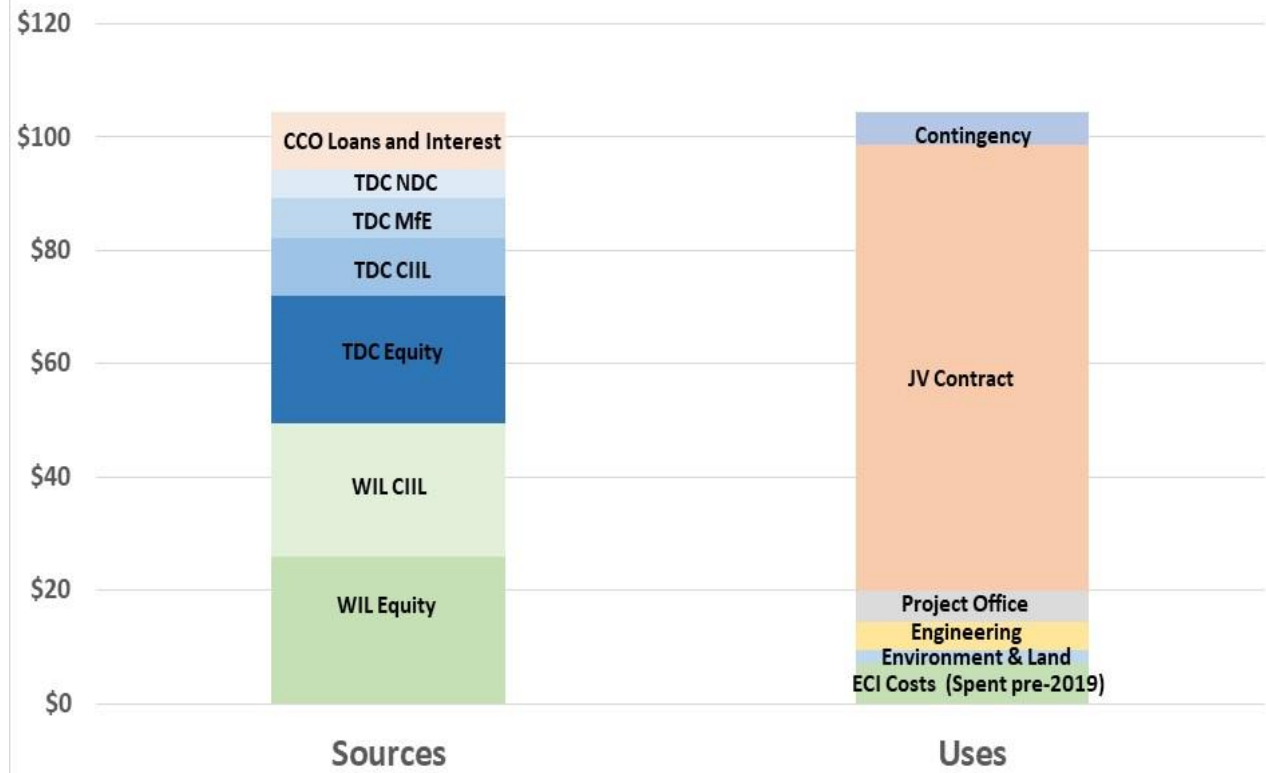
Risk Manage

- ✓ Implemented small and specialised organisation of experienced professionals
- ✓ Implemented a system to determine and mitigate risks
- ✓ Governing the project to mitigate cost and schedule risk

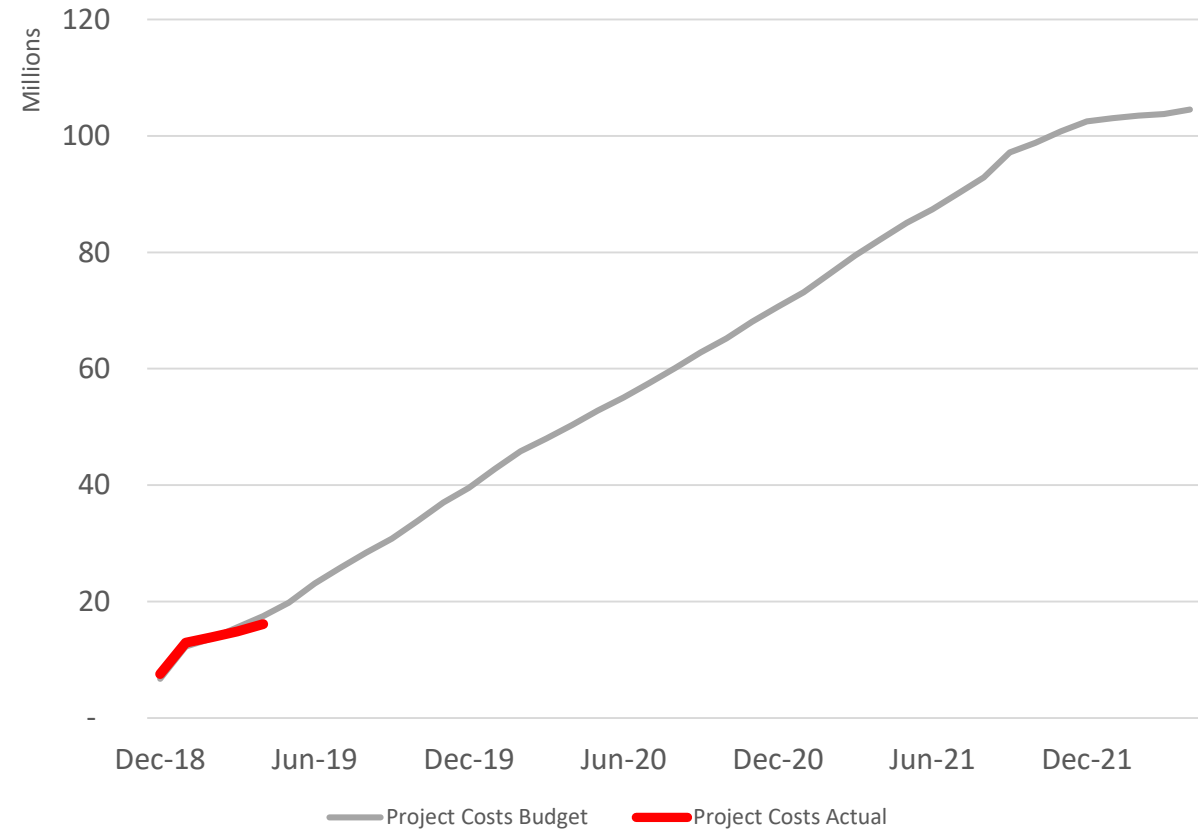
SOI: We are doing what was said we would do

Funding and Spend

WWL Sources and Uses of Funding (\$M)

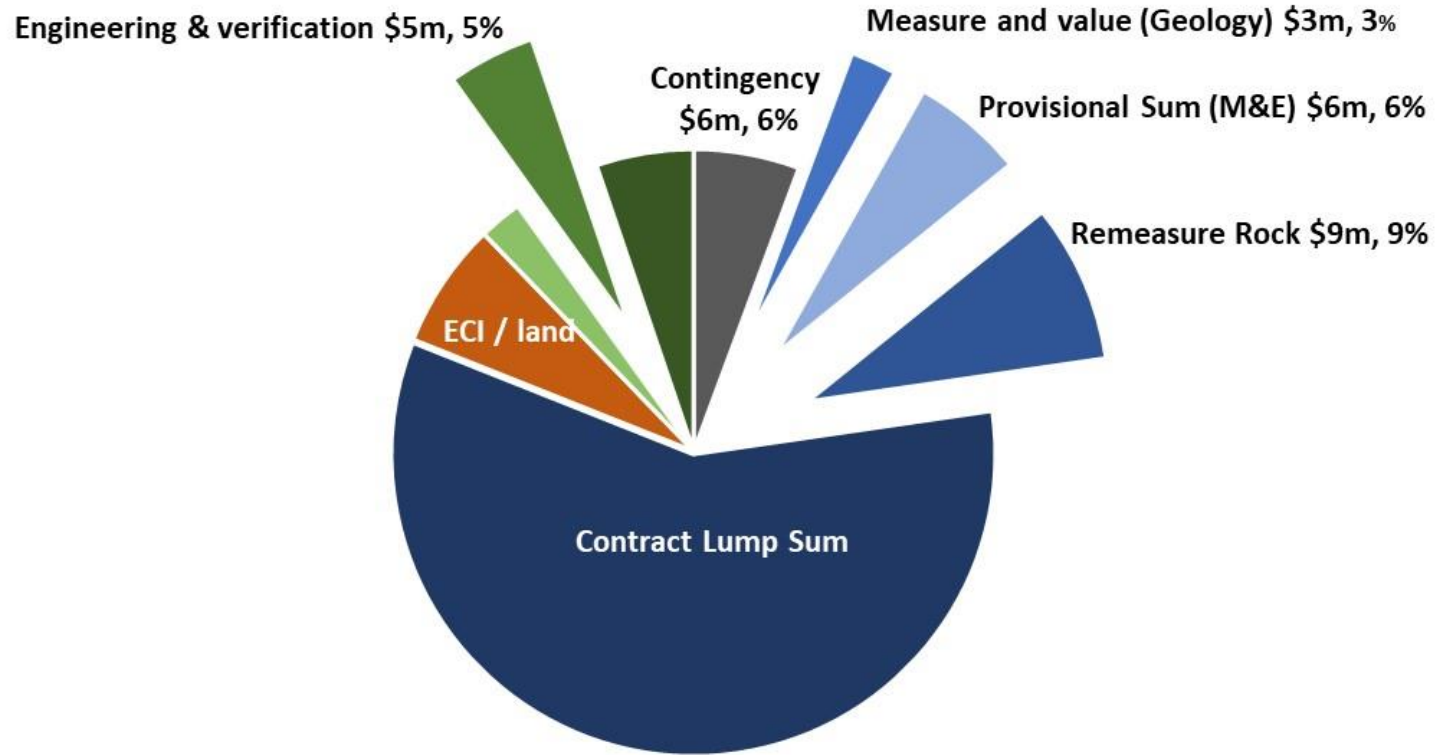


Forecast cost & schedule to complete



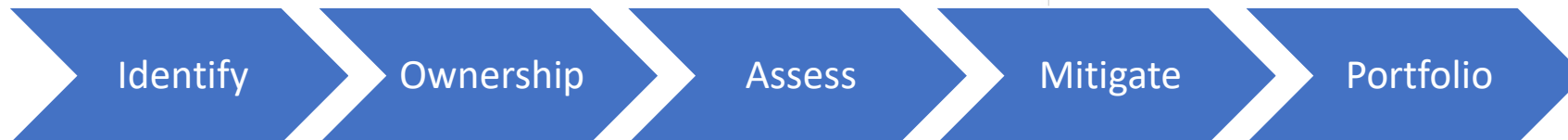
SOI: We are doing what we said we would do

Risk Management: 22% of Project Budget at Risk



Risk Register (56)

- Compaction trials
- Further Borelogs
- M&E Design
- Refine Grout Spec
- FM Preparedness

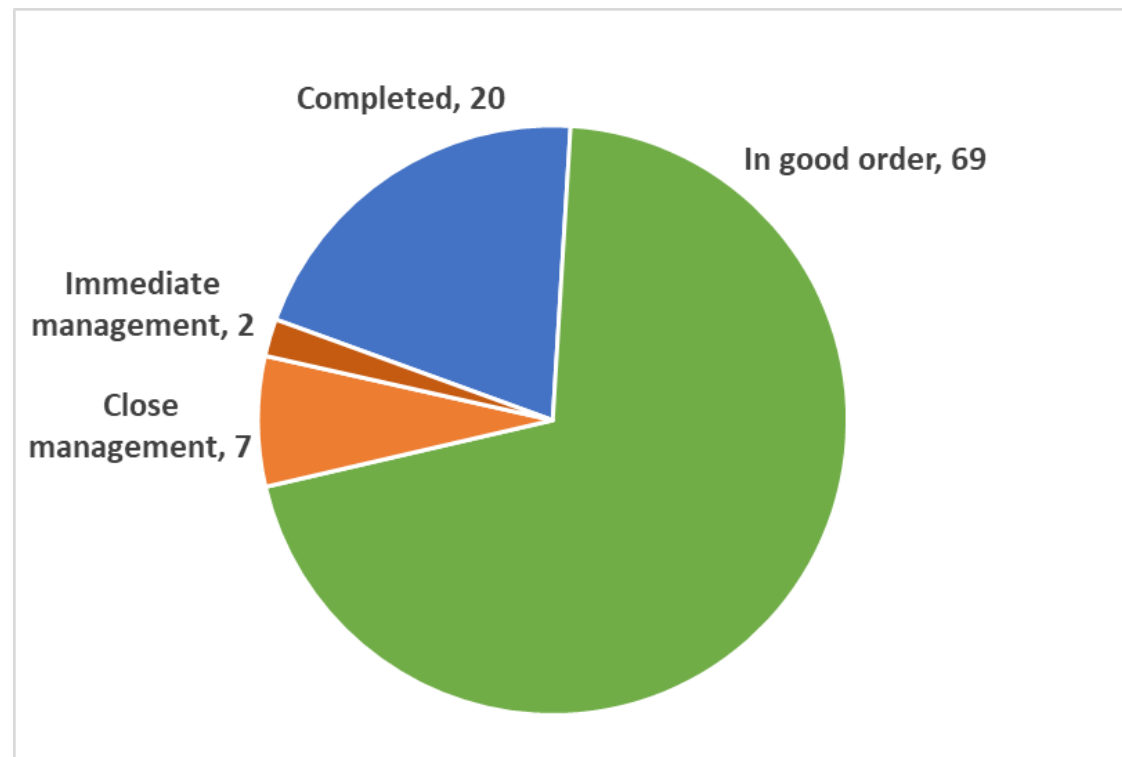


SOI: We are doing what we said we would do

Health and Safety



Compliance and Audit



Late or urgent compliance issues: **0**

Plan: Quarterly Update to Shareholders

August

1. Project Update
2. Annual report
3. Performance against Statement of Intent previous year

November

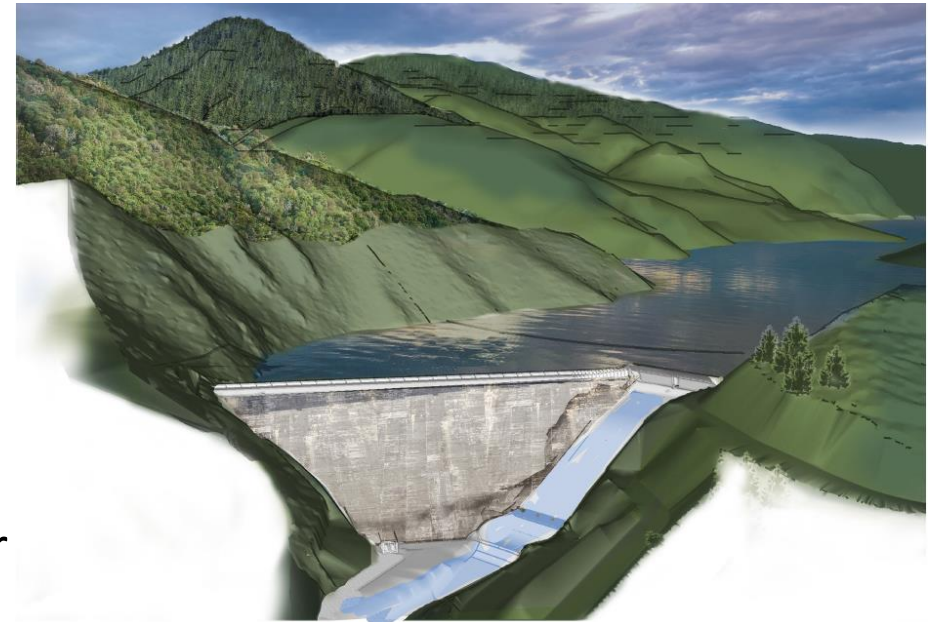
1. Project Update

February

1. Project Update
2. Interim (half yearly) report
3. Proposed Statement of Intent for next year

May

1. Project Update



Governance

