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Last Updated By	Patrick Keenan on 12/Nov/2021 4:49 PM

Project Details			
Project Name (#)	Lake Dunstan Water Supply Water Treatment Plant (2031)		
Project Manager	Adele Eysers	Department	Infrastructure Services
Project Sponsor	Julie Muir	Project Type	Improvements
Current Process Phase	Construction Procurement		
% Project Complete	10%	% Phase Complete	100%

Status Overview
<p>This project has been broken up into two main contracts. A construct only contract with Fulton Hogan and a design & construct contract with PMWC (Pall Marshall Water Consortium). The PMWC contracts is under review by Paul and we expect for it to be finalised mid-November. The Fulton Hogan contract has been reviewed and accepted, to be finalised mid-November.</p> <p>A value engineering session took place, and its initiatives for potential savings was reported to Council on 3rd of October.</p> <p>An outline plan for the Treated Water Tank site at the top of Clyde Hill is in progress and will be submitted in November. Council staff have been working alongside the Haehaeata Trust who have submitted a planting plan to plant 500 natives in the area. This was one of the conditions stated withing the current land designation.</p> <p>Ground suitability testing for the plant building at the borefield has been completed and resulted in suitable ground conditions.</p>

Next Steps
<p>Contracts to be signed and conformed mid-November.</p> <p>Site establishment mid-November, earthworks start at end of November.</p> <p>Membrane filter to be procured mid-November after contract has been finalised.</p> <p>Finalised 3D design of the water treatment plant building, finalised slab design of building.</p> <p>Finalised aurora energy power easements and contact energy land use easements.</p>

Flags			
	Last	Current	Comments
Overall Status		Green - On Track	Council approved Fulton Hogan for construction of the borefield upgrades, raw and treated water tanks, water treatment plant building and associated works on 3 November
Finances		Green - On Track	On track.
Risks		Amber - At Risk	Potentially slowing down the production rates if staff are working on-site under level 2 COVID-19 restrictions.
Issues		Amber - At Risk	The Covid 19 pandemic has created major supply chain delays. Some key materials for this project are from Germany and the United Kingdom. Worldwide and domestic demand for infrastructure materials and staff is in high demand creating cost escalations
Resources		Green - On Track	On track
Key Milestones		Green - On Track	On track
Key: Green - Meets or Exceeds expectation Amber - Partially off track Red - Does not meet expectation			

Finances across all Financial Years				
	Total Approved Annual (TAA) Budget	Estimate at End of Financial Year (EEFY)	Actuals + Commitments	Variance (TAA Budget – EEFY)
CAPEX	16,892,919.00	15,163,524.08	0.00	1,729,394.92
OPEX	0.00	0.00	0.00	0.00
TOTAL	16,892,919.00	15,163,524.08	0.00	1,729,394.92

Key Milestones

Milestone Name	Baseline	Forecast	Actual	Variance	Status	Comments
Detailed Design Procurement Plan Approved		30/Sep/2021	30/Sep/2021	0	Complete	
Detailed Design Contract Awarded		30/Sep/2021	30/Sep/2021	0	Complete	
Design Work Instruction Completed		30/Sep/2021	30/Sep/2021	0	Complete	
Cost Estimate Reviewed & Approved		30/Sep/2021	30/Sep/2021	0	Complete	
Resource Consent Plan Confirmed		30/Sep/2021	30/Sep/2021	0	Complete	
Property Requirements Plan Confirmed		30/Sep/2021	30/Sep/2021	0	Complete	
Detailed Design Approved		30/Sep/2021	30/Sep/2021	0	Complete	
Construction Procurement Plan Approved		31/Aug/2021	31/Aug/2021	0	Complete	
Construction Contract Awarded		03/Nov/2021	03/Nov/2021	0	Complete	
Gateway 3: Sponsor/Council Approved		03/Nov/2021	03/Nov/2021	0	Complete	
As Builts Received		30/Dec/2022		0	Green	
Producer Statements Received		30/Dec/2022		0	Green	
Operation Manuals Received		30/Dec/2022		0	Green	
Project Completion and Handover		28/Feb/2023		0	Green	
Practical Completion Certificate Issued		28/Feb/2023		0	Green	
Asset Data Finalised		28/Feb/2023		0	Green	
Handover to Project Owner		28/Feb/2023		0	Green	
Gateway 4: Project Closure Sign-Off		28/Feb/2023		0	Green	
Project Closeout Report Completed		31/Mar/2023		0	Green	
Post Project Evaluation Completed		31/Mar/2023		0	Green	

Key: **Green** - Meets or Exceeds expectation **Amber** - Partially off track **Red** - Does not meet expectation

Risks Heat Map with controls

		Consequence				
		Negligible	Minor	Moderate	Major	Extreme
Likelihood	Almost Certain					
	Likely					
	Moderate				1	1
	Unlikely					
	Rare					
				1	1 (1)	

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Amber - Partially off track

Red - Does not meet expectation