



SUSTAINABLE NAPIER COMMITTEE

Open Minutes Attachments

Meeting Date: Thursday 28 July 2022

Time: 9.30am – 12.43pm

Venue: Large Exhibition Hall
War Memorial Centre
Marine Parade
Napier

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TOP FIVE WATER PROJECTS JULY 2022



Pandora Industrial Main Renewal

Pandora industrial main is a 8.6km pipeline that has been out of operation for a number of years due to being blocked. The goal of this project is to clean the pipeline to bring it online by May 2023. This will ensure a currently redundant asset is brought back into use. Heavy cleaning is now underway by Davies Waste. This began in late June and to-date they have cleaned 2km of Eriksen Road. The next four weeks will see Davies Waste continue cleaning on McLeod Road toward the Awatoto Waste Water Treatment Plant.

Airport Pump Station

This project is now complete and the new pump station has been commissioned and it fully operational. The project replaces the former airport sewer pump station. This was needed due to deterioration of the civil structure. The renewal includes a new pump station wet-well, valve chamber, flow meter, telemetry and electrical controls. The new pump station will service the airport catchment, Bay View and Westshore. It has been designed to be corrosion resilient and to include adequate redundancy such as standby pumps and emergency storage. This project is important because it replaces an end-of-life asset that had a risk of failure and wastewater overflows.

Mataruahou Reservoir

The objective of this project is to replace the existing 11 million litre Enfield Reservoir with a new reservoir that has suitable capacity to cater for Napier's projected growth and to maintain levels of service to the city. The existing Enfield Reservoir is not designed or configured to meet current standards or enable the appropriate management of water quality and safety as outlined in Council's Water Safety Plan. This project will be overseen by an external Project Manager we have appointed for a period of three years. Stantec is currently carrying out a modelling exercise to calculate the storage volume required for the proposed Mataruahou Reservoir. In the next four weeks we will finalise the volume required for the reservoir and work on high-level 3D site models for stakeholder engagement and approval.

Mataruahou Rising and Falling Mains

We have engaged Stantec to carry out concept design and desktop assessments of new water mains as part of future water infrastructure that can reliably supply safe, clean drinking water. The project is currently on schedule with concept design due by November 2022. In the next four weeks, we will be carrying out feasibility assessments to confirm pipeline routes.

Maraenui Stormwater Trunk Mains

The project will provide an upgraded public stormwater infrastructure network to service Maraenui. The new stormwater network will help maintain the level of service within the catchment area should there be a severe storm event. We have engaged Pattle Delamore Partners to carry out the works, with concept design currently in process. Site walkover, topographic survey, risk workshop and desktop assessments have been completed. In the next four weeks we will confirm the concept design. Preliminary design drawings will also be underway. This work is connected to works that will be undertaken through the recent successful application to the Infrastructure Acceleration Fund.



