

PROJECT UPDATE Te Whare Wai Para Nuku Moa Point Sludge Minimisation Facility

JAN 2026



News and Progress

In a major milestone for the project, the Main Process Building's striking steel façade has emerged.

A crew worked over the festive break installing the silver and grey "Kingspan" panels, removing the building wrap, and the scaffolding.

About 85% of the 700 panels are now in place.

Sections above the front door and around the south side over the existing pump station are to be installed in the next few weeks.

Inside the building, we're excited to have a technical expert from Germany here helping us install the very specialised thermal dryer and condenser equipment, which we expect to complete by the end of February.

Crews have also been moving bigger pieces of equipment into position in the building. This includes the 'cake' pumps that pump the dewatered sludge around the site just like a cake mixer. We've been able to do this thanks to having commissioned the internal gantry cranes just before Christmas.

The switch rooms are progressing well. All the switchboards and the variable speed drivers that control the pumps in the pump station are now in place. Crews are pulling the low voltage feeder cables from transformers to new switch rooms.

96 cables measuring over 6.5 kms in total are connected.



Work continues on the digesters and the biogas biological scrubber is added



New facade for the Main Building is revealed

As we start to divide the building into sections, and complete all these different walls, we can establish routes for all the cabling that spreads out from the switchrooms throughout the Main Building and across the site.

Works continue inside finishing painting and installing the building services, including fire suppression and HVAC, and heavy fire-resistant walls to divide up the different areas creating fire cells that protect the building and equipment.

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We've decommissioned the standby generator and the odour control system in the existing pump station building under the main building. The new odour control system was commissioned last year enabling this work to take place.

We are also bringing the new power supply online, and then we can decommission and demolish the old switch room, the last part of the existing building.

Crews are busy up at the existing Moa Point treatment plant finishing the Disinfected Final Effluent (DFE) filters and Ultra Violet (UV) disinfection facilities.

They're also installing the complex pipe work down the hill - bit by bit - tacking each piece, sending it off to be welded and dipped at workshops around the country, then installing it.

At the digester site, crews are pouring the last sections of concrete, finishing all the plinths, slabs and tidy slabs around the base of the tanks.

With all the pipe work and pumps nearly completed, crews have started work on the gas conditioning unit that captures and treats the biogas before it is used as a fuel source for the boilers and gas engines.

The large silos are now all onsite ready to be installed in their final positions. These large tanks hold the dewatered and dried sludges at various stages of the process.



Large mixing pumps keep the digesters happy



Watch our December 2025 video update



Looking Ahead

The mechanical and electrical installation will be completed in the first half of the year.

end of March

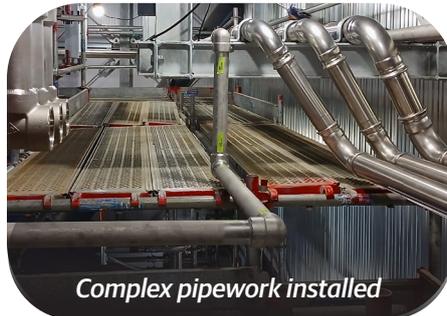
Thermal dryer - complete install and commence pre-commissioning checks.

Moa Point Treatment Plant - completing install and testing pumps, pipework.

In the second quarter we will be testing each component for pressure, power etc.

April to end of June

Main Process Building - testing/dry commissioning all equipment, working towards wet commissioning the more complex equipment by mid-year.



Complex pipework installed

November to December

Process commissioning - connecting all areas of the new plant and producing final dried product.



Digesters ready for the gas bags

January 2026



Ready for doors and louvres

Digesters - mechanical equipment completed, and gas bags installation underway on top of the digesters.

Main Process Building - connecting pumps to new power supply, demolish the old switch room, finishing pipe, equipment installations and electrical connections.

Digesters - completed and connected, testing/pre-commissioning.

Towards the middle of the year, the focus will move to 'wet' commissioning, using water to test complex equipment and systems.

July to end Sept

Export silos completed, ready for testing and commissioning.

Commencing process commissioning - filling digesters and starting the inflow of sludge.



Large pre-drier silo ready to install