

Proposed designation conditions

General Conditions

DC1. The location, design, implementation, and operation of the Works within the designated area shall be undertaken in general accordance with the Notice of Requirement and its associated plans and documents with the information provided by the Requiring Authority (dated 28 October 2022) including:

- a. “Whenuapai Wastewater Servicing Scheme Package 1 – Notice of Requirement and Application for Resource Consent – Assessment of Effects on the Environment” prepared by Beca on behalf of Watercare, dated 28 October 2022
- b. Designation drawings prepared by Beca Ltd titled:
 - Whenuapai Wastewater Servicing Scheme Phase 1 Brigham Creek Road, Whenuapai, Designation – Gravity Pipeline, Rev 3, dated 19 September 2022
 - Whenuapai Wastewater Servicing Scheme Phase 1 Brigham Creek Road, Whenuapai, Designation – Pump Station, Rev 3, dated 19 September 2022
 - Whenuapai Wastewater Servicing Scheme Phase 1 Brigham Creek Road, Whenuapai, Designation – Rising Main, Rev 3, dated 19 September 2022

An outline plan shall not be required and is waived unless there are more than minor changes to the referenced plans in which case Watercare Services Limited shall clearly identify these changes to Council at least 20 working days prior to construction, and the Council may then require an outline plan of works to be submitted in terms of section 176A of the RMA.

DC2. Where there may be inconsistencies between information provided by the applicant and conditions of the designation, these conditions prevail.

Note: The conditions of this designation have been specifically prepared to manage the construction of the project. Within the exception of the following conditions, all conditions will expire and may be removed from this designation in accordance with s182 of the RMA, upon completion of Works:

- DC3
- DC4
- DC16

DC3. As soon as practicable following completion of commissioning of the Project, the Requiring Authority shall, in consultation with the Council:

- a. review the extent of the area designated for the Project;
- b. identify any areas of designated land that are no longer necessary for the ongoing operation, maintenance, renewal and protection of the Project and associated structures and activities;
- c. give notice to the Council in accordance with Section 182 of the RMA for the removal of those parts of the designation identified in (b) above, which are not required for the long-term operation, maintenance, renewal and protection of the Project; and

- d. provide as-built plans to the Council's Team Leader, Compliance and Monitoring, Resource Consents.

DC4. The designation shall lapse on the expiry of a period of 10 years after the date on which the last of any appeals on all consents and notices of requirement associated with the Project is withdrawn or determined, or, if no appeals are lodged, the date on which the notices of requirement are included in the AUP in accordance with section 184(1)(c) of the RMA, unless:

- a. it has been given effect before the end of that period; or
- b. the Council determines, on an application made within 3 months before the expiry of that period, that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made; and fixes a longer period for the purposes of this subsection.

Work hours

DC5. Normal working hours for onsite construction activities will be as follows:

- a. 7:30am to 6.00pm Monday to Saturday (excluding public holidays).
- b. Heavy construction vehicles shall be restricted from travelling westbound on Brigham Creek Road between 23-27 Brigham Creek Road and the SH16 roundabout between the hours of 16:30 to 17:30 Monday to Friday.
- c. If any construction work or specialised heavy vehicle movements cannot be reasonably undertaken during normal working hours, these shall be identified in the Construction Environmental Management Plan and/or the Construction Traffic Management Plan required by Condition DC.6).

Other construction related activities, such as site set up or delivery of pipes, may occur outside of the standard hours set out in DC5(a) above, if they meet the noise levels in DC.14.

DC6. If required, open trenching works through Brigham Creek Road will occur during the Christmas Holiday period with 1-lane 2 way operation on Brigham Creek Road

Note: Exemptions to the movement of heavy construction vehicles to and from the site is subject to the requirements of the Corridor Access Request process by the Road Controlling Authority.

Construction and Environment Management Plan

DC7. A Construction and Environment Management Plan (CEMP) shall be submitted to Council for certification at least 20 working days prior to the commencement of construction.

The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to, avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable. To achieve this objective the CEMP shall include:

- a. Construction methodologies and construction timeframes, including:
 - i. Details of staging (if required);
 - ii. Details of methods to provide for the stability of any temporary cut or fill faces;
 - iii. Measures for the management of any temporary stockpiling of material on the site;
- b. The proposed hours of work;
- c. Staff and contractors' responsibilities;

- d. Measures to control dust from the works;
- e. Public safety;
- f. Training requirements for employees, sub-contractors and visitors;
- g. Environmental incident, emergency management and spill contingency plan;
- h. Site reinstatement upon completion of the construction activities
- i. Communication and interface procedures;
- j. Complaints management (in accordance with condition DC.22);
- k. Compliance monitoring;
- l. Environmental reporting;
- m. Corrective actions;
- n. Site inspection and environmental auditing procedures; and
- o. Contact details for the person in charge of the works.

Construction Traffic Management Plan

DC8. A Construction Traffic Management Plan (CTMP) shall be provided to Auckland Council for certification at least 20 working days prior to commencement of construction. The purpose of the CTMP is to manage the traffic effects during construction so that safe, adequate, and convenient routes for local movements by all transport modes are maintained throughout the construction of the Project. The CTMP shall be prepared in accordance with the Council's requirements for traffic management plans or CTMPs (as applicable) and the Waka Kotahi Code of Practice for Temporary Traffic Management

The CTMP shall be maintained and implemented throughout the entire construction period. The CTMP must be prepared by a suitably qualified person and include:

- a. Safety control measures such as fencing, barriers, hoarding and signage;
- b. Details of the temporary Site Access Points (SAPs) including:
 - i. The access for SAP1 at 23-27 Brigham Creek Road as required by Condition DC9
 - ii. Measures to enable heavy construction vehicles to operate on a left in / left out basis from the entrance to sites at SAP 1 at 23-27 Brigham Creek Road, and SAP 3 at 20-22 Brigham Creek Road
- c. Measures to maintain access for residents and visitors along Brigham Creek Road, Spedding Road, and Mamari Road.
- d. Engagement with local residents (specifically Spedding and Mamari Road residents), local businesses, Timatanga Community School and other sensitive receivers.
- e. Contact details for appropriate person(s) implementing the CTMP, including after-hours contact details

Note: The CTMP shall be prepared in accordance with the requirements of the Corridor Access Request process by the Road Controlling Authority.

Site Access at 23-27 Brigham Creek Road

DC9. For the purposes of construction, the width of the temporary vehicle crossing (SAP 1) at 23-27 Brigham Creek Road shall be at least 15.0m wide, or as otherwise agreed with Auckland Transport.

DC10. Once construction of the works is complete, the width of the vehicle crossing to Brigham Creek Road shall be reduced to 7.0 m, or as otherwise agreed with Auckland Transport.

DC11. The Requiring Authority shall provide the final design of the permanent accessway at 23-27 Brigham Creek Road, which has been designed in accordance with Auckland Transport's Transport Design Manual (TDM) standards and approved by Auckland Transport, to Auckland Council.

Construction Noise and Vibration Management Plan

DC12. A Construction Noise and Vibration Management Plan (CNVMP) shall be prepared by an appropriately qualified person and submitted to the Council for certification at least 20 working days prior to construction commencing.

The purpose of the CNVMP is to enable the best practicable option to be utilised to minimise construction noise and vibration from the works and to minimise any exceedance of the criteria set out in Condition DC14. The consent holder must implement the certified CNVMP for the duration of construction works and keep an up-to-date copy at the construction site.

As a minimum, the finalised CNVMP must include the following information:

- a. The proposed works, anticipated equipment / processes and their scheduled durations.
- b. Hours of operation including times and days when activities causing noise and/or vibration will occur, including where work is required to be outside normal working hours (as outlined in DC.5).
- c. The construction noise and vibration criteria for the Project.
- d. Mitigation options including alternative strategies to identify and implement the Best Practicable Option (BPO) in accordance with section 16 of the RMA, where full compliance with the relevant noise and/or vibration criteria cannot be achieved.
- e. Identification of any properties that require a pre-construction survey.
- f. Methods and frequency for monitoring and reporting on construction noise and vibration.
- g. Specify an exemption process for approval by the Council for any construction work that cannot be undertaken during approved working hours
- h. Communication, consultation, and complaints response protocols as required by Condition DC.13.
- i. Noise and vibration monitoring and reporting requirements as required by Condition DC.15
- j. Procedures for review of the CNVMP throughout the works.

Noise Communication Protocols

DC13. At a minimum, communication protocols included in the CNVMP will include provision of written communication to:

- a. all occupants of all neighbouring buildings within 50 m of the extent of the proposed construction works, at least 1 week prior to the Project commencing; and
- b. all occupants of buildings predicted to receive vibration levels exceeding 2 mm/s PPV for more than three days, at least 3 days prior to the works commencing

The written advice shall acknowledge that some activities are predicted to generate high noise and / or vibration levels that may result in disturbance for short periods, and include a brief description of the works, the expected timing of the works, and contact details where any concerns regarding noise and vibration should be directed.

Construction Noise

DC14. Construction noise shall be measured and assessed in accordance with NZS 6803:1999 Acoustics – Construction Noise. The construction noise shall, where practicable, comply with the following criteria for the purposes of the CNVMP:

Time of week	Time period	Contractor Areas (North, Hub and South) and pump station		Laydown Area adjacent to Tamiro Road and pipeline	
		dB LAeq (15min)	dB LAF (max)	dB LAeq (15min)	dB LAF (max)
Weekdays	0630-0730	55	75	60	75
	0730-1800	70	85	75	90
	1800-2000	65	80	70	85
	2000-0630	45	75	45	75
Saturdays	0630-0730	45	75	45	75
	0730-1800	70	85	75	90
	1800-2000	45	75	45	75
	2000-0630	45	75	45	75
Sundays and public holidays	0630-0730	45	75	45	75
	0730-1800	55	85	55	85
	1800-2000	45	75	45	75
	2000-0630	45	75	45	75

Where compliance with the noise standards set out in Condition DC.14 is not practicable, these activities and receivers shall be identified in the CNVMP required by DC.12 and the methods for managing or mitigating effects in accordance with the best practicable option shall be specified.

Construction Noise and Vibration Monitoring

DC15. The consent holder must engage a suitably qualified acoustic specialist to carry out noise and vibration monitoring at the first occurrence of activities that generate high noise and / or vibration levels close to receptor sites, for the purpose of validating the levels predicted in the noise and vibration assessment.

Landscape and Visual

DC16. The Requiring Authority shall ensure that all above ground structures associated with the pump station at 23-27 Brigham Creek Road are painted and maintained using paints in recessive colours i.e. dark greys and greens.

DC17. Any vegetation removed (if required) from the Tamiro Road stormwater embankment shall be replaced on a 1 to 1.5 basis or as otherwise agreed with Council.

Network Utilities

DC18. Prior to works commencing, the consent holder is to arrange a pre-start meeting with the works principal, contractor, and Healthy Waters, to manage risk to Healthy Waters assets.

DC19. CCTV of the stormwater outlet will be undertaken prior to commencement of construction and at completion of construction for works underneath the Tamiro Road Stormwater Embankment, to identify any damage resulting from the works.