

AJerath (Anshita)

From: Jeff Lee <teteconsultancy@gmail.com>
Sent: Tuesday, 30 June 2020 11:24 AM
To: AJerath (Anshita)
Cc: Kaitiaki@teakitai.com; RWaiwai (Richard)
Subject: Re: Pukekohe Water Treatment Plant - Project update (Package 2)

CAUTION:External Email!

Kia ora Anshita,

Thank you for your email update .

We require a site visit to WTP and review of the various assessments once completed so please let me know what you think would be the best time to go onsite and when reports will be completed to assist in Te Aakitai Waiohua providing WC with our informed formal response .

Ngaa Mihi Nui
Jeff Lee
Tete Consultancy
Mobile : 027 202 6158
Email : teteconsultancy@gmail.com

On Fri, Jun 26, 2020 at 3:55 PM AJerath (Anshita) <Anshita.Jerath@water.co.nz> wrote:

Kia ora Jeff,

Apologizes for the late response, I was away on leave and the designation application lodgement was postponed.

As per our discussion, this email is to provide you with an update on Package 2 – Hickeys Water Treatment Plant Designation Application.

The consultants are currently preparing the Assessment of Environmental Effects (AEE) report for this application. However, please find a brief summary below.

Watercare Services Ltd (Watercare) owns Hickeys Water Treatment Plant (WTP) at 66 Dublin Street in Pukekohe. The site has been used for water treatment purposes for over 100 years. The plant was decommissioned in 2013, but Watercare are now looking to utilise all of their existing assets across Auckland as the region faces water shortages and population growth. As such, Watercare is seeking to designate the Hickeys WTP for the following purpose: Water supply purposes – water treatment plants, associated structures, maintenance and upgrades.

Confirming the designation will align the administration of this site with other water treatment plants across Auckland. It will also provide Watercare with additional certainty and clarity about their ability to continue to use this site for water treatment purposes.

Overall it is considered that there will be no adverse effects, as all buildings and structures are already established on the site and no works are proposed as part of this designation process. There are no affected parties except for Auckland Council (the partial landowners of the land to be designated), who will provide affected party approval regarding the continued use of their reserve land to access the treatment plant and one borehole.

I have attached a draft plan of the Water treatment plant site and Watercare owned assets. As part of the designation application, Watercare also proposes to designate Bore hole 2 and accessway to the treatment plant site (148 Seddon Street), which are both currently on Auckland Council owned land.

Please let me know if you need any further information, or have any feedback on the project.

Ngā mihi,

Anshita

Anshita Jerath | Resource Consent Planner

Watercare Services Limited

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From: AJerath (Anshita)

Sent: Monday, 25 May 2020 6:09 PM

To: 'teteconsultancy@gmail.com' <teteconsultancy@gmail.com>

Cc: 'Kaitiaki@tekitai.com' <Kaitiaki@tekitai.com>; RWaiwai (Richard) <Richard.Waiwai@water.co.nz>

Subject: Pukekohe Water Treatment Plant - Project update

Kia ora Jeff,

I hope you are keeping well and safe.

Te Akitai Waiohuai have recently indicated an interest in consents relating to the Pukekohe Water Treatment Plant, which was included in the May Kaitiaki Managers Project list. The purpose of this email is to provide you with information on the three different projects below.

Package 1 - Pukekohe WTP – Discharge Consent

Pukekohe Water Treatment Plant is being reinstated as part of the drought response, with a temporary package water treatment plant. The two existing bores (Bore hole 2 and Bore hole 3) will be utilised. Water will be abstracted from the two bores using a resource consent that allowed abstraction of up to 5,500m³/day. The discharge consent will be required for infrequent discharges from the operational plant. Off-spec water during commissioning and the operation of the WTP will be discharged into the stream, adjacent to the WTP.

The project team has been established and technical work is currently underway. Due to the urgency of the work, it is expected to lodge this consent in the next two weeks.

Package 2 – Pukekohe WTP – Designation

Hickeys water treatment plant site has historically been used for water treatment purposes since 1900's, however the plant was decommissioned in 2013. This project involves designating the water treatment plant site and Watercare owned assets (including Bore hole 2). The existing water treatment facilities remain on site and are proposed to be internally upgraded to enable the commencement of treatment on site again. Watercare is a requiring authority and own the treatment plant site. The designation will enable Watercare to provide ongoing certainty and consistency in relation to the operation and management of its assets. Bore hole 2 is located on Auckland Council land and it is proposed to designate that portion of the area as well.

This consent is expected to be lodged with Council in Mid-June.

Package 3 – Pukekohe WTP – Groundwater take and Spring take Consent

The Pukekohe Water Treatment Plant was decommissioned in July 2013; however, the structures and buildings are still existing on site. The Pukekohe WTP is being reinstated as part of the drought response.

Pukekohe's water was supplied via a reticulated water supply sourced from two groundwater bores (Hickeys BH2 and BH3) and a spring (Hickeys Spring). Another groundwater bore, Hickeys BH1, has previously been used but has not been required due to the low quality of water extracted via the bore. The supply from this bore was replaced by Hickeys BH3 in July 2006.

- Water is abstracted from two bores (BH2 and BH3) using a resource consent that allowed abstraction of up to 5,500m³/day and a combined total abstraction over 12 months of up to 1,600,000m³. These bore permits are protected by section 124 of the RMA and can be used until the replacement application is determined. As part of the new consent, groundwater modelling is being undertaken to determine if additional water can be abstracted from the aquifer.
- Water was abstracted from the spring using a resource consent that allowed abstraction of up to 4,000m³/day and total abstraction over 12 months of up to 1,260,000m³. This consent has now lapsed and a new consent will be lodged with Auckland Council.

Consents for water take from the two bores and hickeys spring are expected to be lodged by early August.

In this case, can you please advise in writing whether you consider that the resource consent application may have any adverse cultural effects.

Please can we have your response on **Package 1 -discharge consents project, by 29th May.**

Please let me know if you need any further information, or have any feedback on the project.

Ngā mihi,

Anshita

Anshita Jerath | Resource Consent Planner

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