

FMatthews (Fiona)

From: BJovanovic (Bojan)
Sent: Monday, 15 May 2017 11:19 a.m.
To: 'moanaw@ngatiwhatuaorakei.com'
Cc: BChiam (Bernice) 1; DWard (David); FMatthews (Fiona)
Subject: Watercare Central Interceptor project: Mana Whenua engagement - Ngāti Whātua o Ōrākei
Attachments: 2012064.025 1.pdf; 2012064.026 1.pdf; 2012064.029 1.pdf; 2012064.033 1.pdf

On behalf of Bernice Chiam:

Kia ora Moana,

Ngāti Whātua o Ōrākei has previously indicated an interest in the Central Interceptor – Additional Consents Project, which was included in the Kaitiaki Managers Projects List first provided to you in September 2016. This was after the Kaititaki Mangers update provided by Central Interceptor Design Manager David Ward on 11 August 2016.

To provide some background, the “main project works”, will comprise of a 13 km gravity tunnel from Western Springs to the existing Mangere Wastewater Treatment Plant (WWTP), two link sewers (previously four) extending from the main tunnel, a series of connections to the existing Watercare wastewater network, and a new pumping station at the WWTP to pump wastewater from the tunnel to the plant. These works will provide the network capacity required for future growth of Auckland, will duplicate the lower section of the Western Interceptor, and will significantly reduce wet weather discharges from some of Watercare's largest engineered overflow points.

The approvals for the project were initially publically notified in October 2012 and then determined by way of Consent Order from the Environment Court in 2015. As Watercare has progressed through detailed design of the project, it has been identified that an additional. Groundwater discharge consent is required to authorise the deviation of the alignment from the originally consented corridor as further outlined below.

The purpose of this email is to provide you with information on the works proposed for the additional consents for the CI project. This application is specific to those sections of the alignment of the main tunnel and Link Sewer C which are outside the previously consented corridor. Accordingly, the scope of this application is limited to these sections of the alignment, the deviations are identified below and in red in the drawings attached.

Deviation of the tunnel outside the consented alignment occurs in three discrete locations. The location and nature of each of these deviations is outlined as follows:

Western Springs Deviation - The detailed design tunnel alignment passes approximately 40m west of the consented corridor under the motorway and gradually returns to the consented corridor at the north eastern boundary of the MOTAT site. The length of this deviation is approximately 420m. The depth of the alignment along this section remains the same as that of the consented corridor (approximately 25-30m below surface level). This is to accommodate a bridge column installed by the New Zealand Transport Agency since the original consent was granted.

May Road Deviation - The detailed design tunnel alignment has moved horizontally outside the consented boundary at the May Rd site. The maximum horizontal variance is approximately 75m to the south-west of the consented corridor. The depth of the alignment along this section remains the same as that of the consented corridor (approximately 65m below surface level). This is to provide optimal construction methodologies.

Link Sewer C Deviation - The alignment developed during detailed design has been revised as a result of investigative works and comprises:

- Minor horizontal variations outside the consented corridor near Pump Station 25 and May Road due to proximity of high voltage overhead power lines.
- Modifications to the vertical alignment, being some 14m higher than the consented corridor. As a result the revised depth of the alignment along this section will still range from approximately 10-70m below surface level.

The proposed changes in alignment are located entirely below ground at significant depths. Watercare consider the changes to be minor and the effects of these changes to have no material impact above ground.

Regarding the project update as a whole, David Ward is scheduled to address the next Kaitiaki Managers Forum on 8 June 2017, alternatively we as the project team are able to receive and pass on your comments in the interim.

The Central Interceptor programme of work is intended to commence in 2019. A significant amount of investigative work has been undertaken to understand and characterise the geology along the proposed tunnel and link sewer alignments and the chemical and biological nature of the wastewater to be conveyed. These investigative works, which have provided appreciably increased certainty to the project, have been the subject of earlier consultation with yourself, and have resulted in some of the changes outlined in this package.

In this case, for the specific application as outlined above, can you please advise in writing whether you consider that the proposed work may have adverse effects on Mana Whenua values, or if you need any additional information or material. If this may be the case, please can you also advise whether you wish to prepare a kaitiaki report, CVA or CIA, or whether you consider this is not necessary. As an alternative to a report, we would be happy to receive your comments on the proposed works by e-mail. Please can we have your response on this by **Friday 26 May 2017**.

Alternatively, if you need any further information, please don't hesitate to contact me.

Ngā mihi,

Bernice

Bernice Chiam
Principal Engineer
Design Management

Watercare Services Limited
73 Remuera Road, Newmarket, Auckland
Private Bag 92 521, Wellesley Street, Auckland 1141
DDI: (09) 539 7852
Mob: 021 805 860
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Bernice.Chiam@water.co.nz
www.watercare.co.nz



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FMatthews (Fiona)

From: BJovanovic (Bojan)
Sent: Monday, 15 May 2017 11:19 a.m.
To: 'kowhaiolsen@makauramaoraemaoritrust.co.nz'
Cc: BChiam (Bernice) 1; DWard (David); FMatthews (Fiona)
Subject: Watercare Central Interceptor project: Mana Whenua engagement - Te Ahiwaru
Attachments: 2012064.025 1.pdf; 2012064.026 1.pdf; 2012064.029 1.pdf; 2012064.033 1.pdf

On behalf of Bernice Chiam:

Kia ora Kowhai,

Te Ahiwaru has previously indicated an interest in the Central Interceptor – Additional Consents Project, which was included in the Kaitiaki Managers Projects List first provided to you in September 2016. This was after the Kaititaki Mangers update provided by Central Interceptor Design Manager David Ward on 11 August 2016.

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May Road Deviation - The detailed design tunnel alignment has moved horizontally outside the consented boundary at the May Rd site. The maximum horizontal variance is approximately 75m to the south-west of the consented corridor. The depth of the alignment along this section remains the same as that of the consented corridor (approximately 65m below surface level). This is to provide optimal construction methodologies.

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Ngā mihi,

Bernice

Bernice Chiam
Principal Engineer
Design Management

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www.watercare.co.nz



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 Please consider the environment before printing this e-mail.

FMatthews (Fiona)

From: BJovanovic (Bojan)
Sent: Monday, 15 May 2017 11:20 a.m.
To: 'scott.lomas@tekawerau.iwi.nz'
Cc: BChiam (Bernice) 1; DWard (David); FMatthews (Fiona)
Subject: Watercare Central Interceptor project: Mana Whenua engagement - Te Kawerau a Maki
Attachments: 2012064.025 1.pdf; 2012064.026 1.pdf; 2012064.029 1.pdf; 2012064.033 1.pdf

On behalf of Bernice Chiam:

Kia ora Scott,

Te Kawerau a Maki has previously indicated an interest in the Central Interceptor – Additional Consents Project, which was included in the Kaitiaki Managers Projects List first provided to you in September 2016. This was after the Kaititaki Mangers update provided by Central Interceptor Design Manager David Ward on 11 August 2016.

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Alternatively, if you need any further information, please don't hesitate to contact me.

Ngā mihi,

Bernice

Bernice Chiam
Principal Engineer
Design Management

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Private Bag 92 521, Wellesley Street, Auckland 1141
DDI: (09) 539 7852
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Ph: (09) 539 7300
Bernice.Chiam@water.co.nz
www.watercare.co.nz



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FMatthews (Fiona)

From: BChiam (Bernice) 1
Sent: Thursday, 25 May 2017 8:54 a.m.
To: Tame TeRangi
Cc: DWard (David); FMatthews (Fiona); GHerbert (Guy)
Subject: RE: Watercare Central Interceptor project: Mana Whenua engagement - Te Rūnanga o Ngāti Whātua

Kia ora Tame,

Thanks for your quick response. I cant make tomorrow unfortunately but Fiona and Dave are available. Where would you like to meet and what time?

Bernice

Sent from my Windows Phone

From: [Tame TeRangi](#)
Sent: 25/05/2017 8:08 a.m.
To: [BChiam \(Bernice\) 1](#)
Cc: [DWard \(David\)](#); [FMatthews \(Fiona\)](#); [GHerbert \(Guy\)](#)
Subject: RE: Watercare Central Interceptor project: Mana Whenua engagement - Te Rūnanga o Ngāti Whātua

Thanks for your email Bernice – I do have some time up to 11am tomorrow if that would suit your schedule. Await your response, Tame

From: BChiam (Bernice) 1 [<mailto:Bernice.Chiam@water.co.nz>]
Sent: Wednesday, 24 May 2017 8:02 p.m.
To: Tame TeRangi
Cc: DWard (David); FMatthews (Fiona); GHerbert (Guy)
Subject: Watercare Central Interceptor project: Mana Whenua engagement - Te Rūnanga o Ngāti Whātua

Kia ora Tame,

Thank you for your email response.

My name is Bernice Chiam. I am one of Watercare's engineers working alongside David Ward and Fiona Matthews to deliver the Central Interceptor project.

The email that Bojan sent out, on behalf of myself, was intended to gauge your interest in the additional consent application required for the CI project. The additional consent is to accommodate the horizontal and vertical deviation of the tunnel alignment which falls outside of the original corridor at three locations. The reasons for the deviation is to improve the constructability and to avoid clashing with other services.

This consent application was listed on the Kaitiaki Managers Projects List in September 2016, following which four Iwi groups expressed interest, they are:

- Te Kāwarau a Maki
- Te Rūnanga o Ngāti Whātua
- Ngāti Whātua o Ōrākei
- Te Ahiwaru

Since September 2016, the CI team have worked diligently to finalise the detailed design to support this application. We are now at the stage where we are ready to lodge this application. I understand that it has been a long time since our last discussion on this matter and would be happy to meet you in person to describe to you the purpose and the content of this application in more detail. I apologise if the deadline was unreasonable.

Following your suggestion, David Ward is on the itinerary to address the CI project at the next Kaitiaki Forum. In the meantime, please let me know what date and time suit you for a more detail discussion about this consent application.

Ngā mihi,
Bernice

Bernice Chiam
Principal Engineer
Design Management

Watercare Services Limited
73 Remuera Road, Newmarket, Auckland
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Mob: 021 805 860
Ph: (09) 539 7300
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From: Tame TeRangi [<mailto:Tame.TeRangi@ngatiwhatua.iwi.nz>]
Sent: Sunday, 21 May 2017 2:28 p.m.
To: BJovanovic (Bojan)
Cc: BChiam (Bernice) 1; DWard (David); FMatthews (Fiona); GHerbert (Guy)
Subject: RE: Watercare Central Interceptor project: Mana Whenua engagement - Te Rūnanga o Ngāti Whātua
Importance: High

Thanks for your email Bojan. I am unsure as to the kind of response for the matters you have outlined. So first off:

1. How many of the Mana Whenua entities have been actively engaged in this portion of the CI project?
2. It would seem a long stretch from Aug 2016 to 15 May 2017 with the expectation to provide a *confirmed response* by 26 May.
3. Can I humbly suggest that some time be dedicated to present this info to those MW entities who have registered their interests asap.
4. You will notice the addition of Guy Herbert. One option is to discuss with him a presentation or an update for the June 2017 MWKF.

Trust that all helps. Await your response, Tame

From: BJovanovic (Bojan) [<mailto:Bojan.Jovanovic@water.co.nz>]
Sent: Monday, 15 May 2017 11:19 a.m.
To: Tame TeRangi
Cc: BChiam (Bernice) 1; DWard (David); FMatthews (Fiona)
Subject: Watercare Central Interceptor project: Mana Whenua engagement - Te Rūnanga o Ngāti Whātua

On behalf of Bernice Chiam:

Kia ora Tame,

Te Rūnanga o Ngāti Whātua has previously indicated an interest in the Central Interceptor – Additional Consents Project, which was included in the Kaitiaki Managers Projects List first provided to you in September 2016. This was after the Kaititaki Mangers update provided by Central Interceptor Design Manager David Ward on 11 August 2016.

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Disclaimer: This e-mail message and any attachments are privileged and confidential. They may contain information that is subject to statutory restrictions on their use.

CAUTION - This message may contain privileged and confidential information intended only for the use of Bernice.Chiam@water.co.nz. If you are not the intended recipient of this message you are hereby notified that any use, dissemination, distribution or reproduction of this message is prohibited. If you have received this message in error please notify postmaster@ngatiwhatua.iwi.nz immediately. Any views expressed in this message are those of Tame.TeRangi and may not necessarily reflect the views of the "ngatiwhatua.iwi.nz" company.

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