

From: [FMatthews \(Fiona\)](#)
To: [JParsons \(John\)](#)
Cc: [Karen Bell](#)
Subject: Iwi Consultation
Date: Thursday, 26 January 2017 9:08:52 AM

Hi John,

Update regarding iwi consultation, of the 6 iwi that registered an interest in the project, 2 have actively engaged with me being Ngāti Whatua (Tame Te Rangi) and Ngāti Manuhiri (Fiona McKenzie) as you can see from Tame's response below he is in support of the project.

Regarding Fiona McKenzie I wrote to her some time back in January mentioning that we were happy to meet onsite otherwise a draft of the application documents could be made available once completed. I have not heard back. My strategy is to send her drafts of the AEE and hopefully that will cover off any/all concerns.

Cheers,
Fiona

Fiona Matthews
Resource Consents Planner

Watercare Services Limited
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fiona.matthews@water.co.nz

From: FMatthews (Fiona)
Sent: Thursday, 26 January 2017 9:00 a.m.
To: 'Tame TeRangi'
Subject: RE: Albany - Pinehill pump station & watermain Project update

Tēnā koe Tame,

Thank you for your hard work and response in support of the project, as we move through the next phases of the project (obtaining consent, construction) I shall keep you updated.

Ngā mihi,
Fiona

Fiona Matthews
Resource Consents Planner

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From: Tame TeRangi [<mailto:Tame.TeRangi@ngatiwhatua.iwi.nz>]
Sent: Wednesday, 25 January 2017 10:12 p.m.
To: FMatthews (Fiona)
Subject: RE: Albany - Pinehill pump station & watermain Project update

Importance: High

Tēnā ano koe e Fiona – thanks for your two recent emails with copies of the arbori-cultural reports including plating plans for both Spencer Ridge Reserve and Hauraki Heights Park. Along with these were the interim indications from the hydrocarbon contamination report by Tonkin and Taylor suggest that the contamination is historical and is recorded on the property title of 646 East Coast Road. There was remediation work carried out. It would appear the contamination has not progressed through the berm.

Your 23 January email included the final Ground Contamination Report which concluded that it is highly unlikely that contamination extends into the proposed work area. Based on this WCSL will not be seeking any consents for this section of the works incorporating instead the recommendations of the report relating to confirmatory testing of trenching spoil at the start of the overall works.

We provide this as further confirmation to our support for this application based upon the information provided for consideration. We trust that this all helps. Tame

From: FMatthews (Fiona) [<mailto:Fiona.Matthews@water.co.nz>]
Sent: Monday, 23 January 2017 10:30 a.m.
To: Tame TeRangi
Subject: FW: Albany - Pinehill pump station & watermain Project update

Tēnā koe Tame,

Following on from my email on 11 January, I now attach the final Ground Contamination Report. The conclusion is that it is highly unlikely that contamination extends into the proposed work area. Based on this we will not be seeking any consents for the works, however will incorporate the recommendations of the report relating to confirmatory testing of trenching spoil at the start of the works.

Another point to note is we are tracking a week or two behind with the lodgement of these documents to Council, originally we were trying to get them in at the start of February, it appears that due to some delays on the NZ Transport Agency's part and with Watercare, getting all the reports back and an AEE drafted we are tracking to lodge mid-February now.

Please don't hesitate to contact me if I can assist in any other way,

Ngā mihi,
Fiona

Fiona Matthews
Resource Consents Planner

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From: FMatthews (Fiona)
Sent: Wednesday, 11 January 2017 9:57 a.m.
To: 'Tame TeRangi'
Subject: RE: Albany - Pinehill pump station & watermain Project update

Tēnā koe Tame,

Thank you for the email. As requested I have attached copies of the arboricultural reports including plating

plans for both Spencer Ridge Reserve and Hauraki Heights Park. I apologise for the large file size, as they have a number of images in them it is difficult to reduce much further, if you can not receive them, I am happy to provide a copy by USB or hardcopy.

The hydrocarbon contamination report has not yet been released by Tonkin and Taylor. Interim indications suggest that the contamination is historical and is recorded on the property title of 646 East Coast Road. There was remediation work carried out by removal of soil but this was limited by a desire not to disturb the services located in the berm. It would appear the contamination has not progressed through the berm.

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Interim results are below based on the testpit locations in the diagram above. The below is the preliminary results and findings. A full report will be available in shortly.

Results

Tabulated soil and groundwater results are attached, and discussed below.

Soils

- Elevated light end hydrocarbons, typical of a petrol source, were encountered in HA1 and HA2, at 2-3 m bgl. Concentrations were lower in overlying (1 m bgl) samples, indicative of a subsurface source (e.g. – a leak rather than a spill).
 - High concentrations of BTEX compounds exceed the MfE criteria for protection of groundwater quality
 - Only minor concentrations of some PAH compounds were encountered
 - Concentrations do not exceed human health protective criteria in a commercial land use context
- Hydrocarbon concentrations were generally below laboratory detection limit in the roadside boreholes (HA3-HA5) at 2-2.5 m bgl.
 - Minor concentrations of m,p-xylene was encountered at HA3 (2.4 m; 0.14 mg/kg) and HA5 (2 m; 0.06 mg/kg). These concentrations are no more than 3 times the laboratory detection limit, and 2-3 orders of magnitude lower than concentrations in HA1 and HA2
 - All TPH fractions were below laboratory detection limit
 - Two PAH compounds (chrysene and indeno(1,2,3-cd)pyrene, 0.02 and 0.01 mg/kg

respectively) were detected in HA4 (2.5 m) at or slightly above laboratory detection limit.

- Lead concentrations do not indicate any discernible difference between HA1/HA2 and the roadside locations and are within published background concentrations for Auckland soils.

Results show that hydrocarbon impacted soils is confined to relatively near the petrol station boundary.

Groundwater

- Groundwater at HA1 contains elevated hydrocarbon concentrations, consistent with the presence of SPH.
 - High levels of BTEX compounds exceed the ANZECC guideline criteria for protection of 95% of freshwater species (the criteria AC adopt for disposal to the stormwater network).
 - Several PAH compounds were above laboratory detection limit in HA1 groundwater. Naphthalene exceeds the ANZECC guideline criteria for protection of 95% of freshwater species.
- All hydrocarbon compounds were below laboratory detection limits in HA4 groundwater, except for naphthalene. Naphthalene (0.00014 g/m^3) was more than three orders of magnitude lower than that encountered in HA1, and well below the ANZECC criteria.

Hydrocarbon impacted groundwater currently appear to be also generally confined to the petrol station boundary.

Possible reasons for the low concentrations of naphthalene at HA4 are:

- Minor cross contamination during sampling or analytical testing. The laboratory is undertaking a repeat analysis of the sample.
- Hydrocarbons migrating through a service trench that runs perpendicular to the road in the vicinity of HA1 and HA4.

We have scheduled further water testing of the samples collected from HA3 and HA5. Results are expected on 9 January.

Implications

Based on data to date, soils within the pipeline alignment are unlikely to be impacted by hydrocarbons from the service station; any trenching spoil requiring offsite disposal is unlikely to require disposal to licence landfill.

A nominal amount of confirmatory testing (some 3 to four samples) could be tested at the beginning of trenching works in order to confirm disposal locations.

We understand proposed trenching works will extend to 3 to 3.5 m bgl along the section of the alignment outside the service station. A seepage assessment should be undertaken to establish the likely zone of groundwater influence during the trenching works.

We will provide a full report in the new year, incorporating the extra groundwater results.

Limitations

The recommendations and opinions set out above are based on the results of laboratory analyses undertaken from discrete sampling locations. The nature and continuity of contamination away from the sample locations are inferred. It must be appreciated that actual conditions could vary from the assumed model.

I hope this helps, and once I receive the full hydrocarbon contamination report will make this available to you. Please let me know if there is anything else I can assist with.

Ngā mihi,
Fiona

Fiona Matthews

Resource Consents Planner

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From: Tame TeRangi [<mailto:Tame.TeRangi@ngatiwhatua.iwi.nz>]
Sent: Monday, 9 January 2017 9:41 p.m.
To: FMatthews (Fiona)
Subject: RE: Albany - Pinehill pump station & watermain Project update
Importance: High

Tēnā ano koe e Fiona – thanks for your email with my apologies for the delayed response. The on-site meeting 20 December last with both Paul Jones and John Parsons provide a very useful update of the proposed Albany-Pinehill Water Main and associated Pump Station project.

As outlined on-site the Water Main route originates at a new pump station on the Water Care site at Corinthian Drive, passes over State Highway 1 via a shared pedestrian and cycling bridge. The consenting of this bridge is being progressed by NZTA as part of the Northern Corridor Project. The pipeline then continues down Spencer Road, East Coast Road and terminates at the Pinehill Reservoir in the Hauraki Heights Reserve, Browns Bay.

The pump station is required at the Albany site to boost the pumping of water along the proposed Water Main. Resource consents may be required to install the pipeline and pump station for the following:

- Driveway access over Auckland Council Parks land to access the new shared-use bridge;
- Removal of vegetation at the Hauraki Heights Reserve; and,
- A possible groundwater permit for the diversion of water at a single location along the route (where investigations have revealed groundwater may be encountered).

To enable confirmation of our final position could you please forward e-copies of the following:

- The status of the potential ground hydrocarbon contamination at 646 East Coast Road. As the pipeline passes through this area we would appreciate confirmation of the extent and severity to determine the necessary remediation; and,
- The Arboriculture Report including planting plans prepared for both the Spencer Ridge Reserve and Hauraki Heights Reserve.

We will endeavour to provide our confirmed position following the timely receipt of the further information requested to meet your **31 Jan deadline for lodging the consent application**. Look forward to your response. Tame

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