

From: [Kate Madsen](#)
To: ["Will Gauntlett"](#)
Cc: ["Biance Schoeman"](#); [Norm Hill \(norm@tehira.co.nz\)](mailto:norm@tehira.co.nz); ["Mark Pelan"](#); ["Shawn McLean"](#)
Subject: RE: RE: WDC AFFECTED PARTY ON GLEESON'S QUARRY APPLICATION FOR QUARRY REFILL
Date: Tuesday, 20 October 2020 12:41:22 PM
Attachments: [image001.png](#)
[image004.png](#)
[image005.png](#)

Hi Will,

I had not responded to your email below due to complications relating to the new NES-FW. However, it would be helpful to know WDC reasons/evidence for considering themselves an affected party, as we have no explanation on this. Would you please advise?

Thanks.

Kind Regards,
Kate Madsen
Director – Paua Planning



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From: Will Gauntlett <will.gauntlett@waidc.govt.nz>
Sent: Thursday, 24 September 2020 8:24 AM
To: Kate Madsen <kate@pauaplanning.co.nz>
Subject: RE: RE: WDC AFFECTED PARTY ON GLEESON'S QUARRY APPLICATION FOR QUARRY REFILL

Hi Kate,

Sorry for the delay in coming back to you.

Thank for you the further information you've provided us.

I have followed up with the team and can confirm that WDC, as asset owner and manager of Lake Puketirini, remain of the belief that we should be considered an affected party to the consent applications by the relevant regulators.

Cheers,
Will.

Will Gauntlett

RM Policy Manager

Waikato District Council

Te Kaunihera aa Takiwaa o Waikato

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15 Galileo Street, Ngaaruawaahia

From: Kate Madsen <kate@pauaplanning.co.nz>
Sent: Monday, 7 September 2020 1:40 pm
To: Will Gauntlett <will.gauntlett@waidc.govt.nz>
Cc: 'Biance Schoeman' <biance@pauaplanning.co.nz>; 'Mark Pelan' <mark.pelan@gleesoncox.co.nz>
Subject: RE: RE: WDC AFFECTED PARTY ON GLEESON'S QUARRY APPLICATION FOR QUARRY REFILL

Hi Will,

Hope you are well. Any update on this?

Attached is draft plans in regard to additional treatment at the bottom of fill area 2, to further provide comfort in regard to discharge. Pond sized for 3% ratio of 5.71ha catchment (1713m³) – as required by the WRC guideline. Forebay an additional volume of 15% of pond volume (257m³) – WRC guideline requires 10%. Therefore the SRP system will be designed and constructed to exceed the minimum standards.

This is still a work in progress, but thought an update to you might be helpful and provide an additional level of comfort.

Kind Regards,
Kate Madsen
Director – Paua Planning



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From: Will Gauntlett <will.gauntlett@waidc.govt.nz>
Sent: Friday, 14 August 2020 4:49 PM
To: Kate Madsen <kate@pauaplanning.co.nz>
Subject: RE: RE: WDC AFFECTED PARTY ON GLEESON'S QUARRY APPLICATION FOR QUARRY REFILL

Thanks Kate, I'll have a look next week and discuss with the team.
Have a good weekend.

From: Kate Madsen <kate@pauaplanning.co.nz>
Sent: Friday, 14 August 2020 2:46 pm
To: Will Gauntlett <will.gauntlett@waidc.govt.nz>
Cc: Ben Wolf <Ben.Wolf@waidc.govt.nz>; 'Norm Hill - Strategic Relationships Manager' <norm@welenergytrust.co.nz>; 'Mark Pelan' <mark.pelan@gleesoncox.co.nz>; 'Andrew Rumsby' <andrew.rumsby@ehs-support.com>; 'Biance Schoeman' <biance@pauaplanning.co.nz>; 'Emma Cowan' <Emma.Cowan@waikatoregion.govt.nz>; 'Jorge Rodriguez' <Jorge.Rodriguez@waikatoregion.govt.nz>; Nicola Laurenson <NicolaLaurenson@nicola@laurensonplanning.co.nz>; Wade Hill <WadeHill@Wade.Hill@waidc.govt.nz>; 'Michael Parsonson' <michael@southernskies.co.nz>; 'Jamie MacKay' <Jamie.MacKay@wildlands.co.nz>
Subject: RE: RE: WDC AFFECTED PARTY ON GLEESON'S QUARRY APPLICATION FOR QUARRY REFILL

Hi Will,

Please find attached our response to the queries and concerns you raised on behalf of WDC as Asset Managers of Lake Puketirini.

In terms of iwi liaison, we held a constructive hui at the end of July, and are just waiting feedback from Waahi Whaanui Trust (via Norm Hill). We will update you once that is received.

Kind Regards,
Kate Madsen
Director – Paua Planning



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From: Will Gauntlett <will.gauntlett@waidc.govt.nz>
Sent: Wednesday, 22 July 2020 2:37 PM
To: Kate Madsen <kate@pauaplanning.co.nz>
Subject: RE: RE: WDC AFFECTED PARTY ON GLEESON'S QUARRY APPLICATION FOR QUARRY REFILL

Cool as. Thank you. Happy to arrange another catch up to talk it through as well.

Cheers,
Will.

From: Kate Madsen [<mailto:kate@pauaplanning.co.nz>]
Sent: Wednesday, 22 July 2020 2:07 p.m.
To: Will Gauntlett
Subject: RE: RE: WDC AFFECTED PARTY ON GLEESON'S QUARRY APPLICATION FOR QUARRY REFILL

Hi Will,

Thanks for letting me know early, as we are currently preparing a response.

Kind Regards,
Kate Madsen
Director – Paua Planning



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From: Will Gauntlett <will.gauntlett@waidc.govt.nz>
Sent: Wednesday, 22 July 2020 12:51 PM
To: Kate Madsen <kate@pauaplanning.co.nz>
Subject: RE: RE: WDC AFFECTED PARTY ON GLEESON'S QUARRY APPLICATION FOR QUARRY REFILL

Hi Kate, it appears that the text (below) was from an early internal draft we were preparing to send you.

I am finding the correct version and will get this to you asap. So, please disregard the email

below.

Cheers,
Will.

From: Will Gauntlett
Sent: Tuesday, 21 July 2020 1:50 p.m.
To: 'Kate Madsen'
Subject: RE: WDC AFFECTED PARTY ON GLEESON'S QUARRY APPLICATION FOR QUARRY REFILL

Dear Kate

Further to the meeting we had, thank you for the opportunity to provide comment and to seek information on the proposed refill of old excavation areas at Gleeson's Quarry (identified as Fill Areas 2,3,4,5) to be conferred as a Managed Land Fill.

Waikato District Council is the manager and owner of Puketirini, the reserve, Lake and incoming stream.

Waikato District Council considers itself an affected party in the Gleeson's Quarry application for managed land file because of the proposed discharges to several waterways that feed both the Waikato River and Lake Puketirini. The changes to the gully's and loss of a large wetland area at the edge of Quarry is also of concern given the positive impacts that these areas have on the ecology of the environment. After a review of the application material, we would like to highlight the following issues.

General Comments

Waikato District Council has undertaken a community consultation "Blueprint" process throughout the district. This Blueprint highlighted Huntly communities wish to clean up lakes from current and previous mining operations. After reviewing four of your reports relating to the ecological and water quality impacts of the proposed managed landfill over old quarry sites.

1. Boffa Miskell environmental report
2. PDP water quality impacts report
3. Wildlands review of Boffa report
4. AECOM was commissioned by the WRC to review the Boffa Miskell Ecological Report and a supplemental report from Wildlands. This report does not reference the AEE and waste Acceptance Criteria (PDP)

These reports seem to indicate that there is not enough information to make an informed, objective decision, especially with relation to effects on waterways and Lake Puketirini.

According to the proposal, it appears that:

- There are three fill areas (Areas 3, 4 and 5) that will discharge to the Waikato River,

water quality samples have been assessed, and the likely contamination from the managed landfill has been extrapolated to determine the impact on the Waikato River. The size of the water body and the mixing ability indicates that the contamination from the managed landfill can be absorbed subject to appropriate management and mitigation measures? Some of the waterways may experience higher levels of contamination and impacts on the habitat.

- At least one fill site (Area 2) will discharge to Puketirini; we note that the impacts on water quality have been extrapolated based on the Waikato River results rather than specific water quality testing of Lake Puketirini.

Discharges

The PDP Report sets out an Assessment of water quality impacts compared to the Waikato River may be appropriate for Area 3, 4, 5 if they discharge to the Waikato River. But area 2 (and by association area 1) we do not have a complete understanding of these discharges to Lake Puketirini. The PDP report needs to consider the existing water quality in Lake Puketirini and the possible contamination (from the managed landfill) to this water body its associated habitats, flora and fauna.

Lake Puketirini and Surrounding watercourses

Two crucial matters need consideration the first can the waterways absorb some of the contamination before entry to the Lake Puketirini. The second what are the likely cumulative effects of contaminated material entering these waterways and the lake over time. Lake Puketirini is a high water quality environment; it does not have the mixing capability of the Waikato River, and contaminants and sediment could accumulate in the Lake Puketirini over time. The flow-on effects to the habitat and associated flora and fauna and the extensive recreational users of the Lake Puketirini are wholly understood.

Wetland Area

A portion of the landfill will destroy an existing wetland (approx. 1500m²) that has ecological value; the proposed mitigation for this wetland loss is offered at a 1:1 ratio. As the wetland is existing and functioning the 1:1 ratio is not considered acceptable at this stage and not like for like. A further ecological assessment indicated focusing the mitigation for the wetland area in another 6.9ha area as more appropriate mitigation. We assume this includes the loss of ephemeral and perennial streams and the loss of assessed flora and fauna, could this be confirmed. Some clarity about what is proposed will the mitigation areas be protected and actively managed.

The magnitude of effect: High and the removal of wetland habitat in Fill Areas 2 – 4 will result in the loss of a large proportion of the wetland habitat available on site. Although wetland habitat is still relatively well represented within the Meremere ED, wetlands are

threatened nationally. Wetlands also function as a good habitat, natural filtration and sediment traps, so its loss and introduction of the managed landfill may increase the potential for contaminants and sedimentation.

Lake Puketirini and Surrounding watercourses

Two crucial matters need consideration the first can the waterways absorb some of the contamination before entry to the Lake Puketirini. The second what are the likely cumulative effects of contaminated material entering these waterways and the lake over time. Lake Puketirini is a high water quality environment; it does not have the mixing capability of the Waikato River, and contaminants and sediment could accumulate in the Lake Puketirini over time. The flow-on effects to the habitat and associated flora and fauna and the extensive recreational users of the Lake Puketirini are wholly understood.

Fauna

The surveys of the relevant fauna (Bats, lizards and birds) have not been carried out in the appropriate season. The ecologist(s) have highlighted that they were conservative on this basis. But there is a recommendation for additional survey work to be undertaken and strong suggestions for an Ecological and Bat Management Plan to inform this. There is also concern at the removal of potential bat roosts. We note that this needs further assessment and may be captured under additional legislation requiring a Wildlife Permit under the Wildlife Act 1956 which is administered by the Department of Conservation.

Managed Landfill

WDC identifies that as a managed landfill, the composition of the material to be deposited in the identified Areas 2,3,4 and 5 to consist of mainly cleanfill and construction/demolition waste with light contaminants. These construction/demolition materials are proposed to be carefully managed with on-site registers. There is still a likelihood of contamination entering waterways and Lake Puketirini over time from leachate. Unfortunately, we do not know what the baseline water quality is for Lake the Puketirini contamination absorption was based on the Waikato River as the Waikato is a more dynamic water system with higher volume and potential mixing.

Rehabilitation

Rehabilitation of the mined areas of the historic part of the Quarry has not been discussed in the application. WDC are interested in requirements from the original Quarry for rehabilitation effectively the baseline to this change of use. The old parts of the Quarry have revegetated, and it seems counter-intuitive to allow these areas to be damaged areas without adequate compensation and justification of the reasons of adding fill to this ecological environment other than for commercial purposes.

After the Managed Landfill

Upon completion of the managed landfill (e.g. when filled) what is the end goal of the site, will it be revegetated or developed further into urban use. This may have future implications for the Waikato River and Lake Puketirini water quality and ecologically.

Should you have any queries, please do not hesitate to contact me by email or phone 027 406 4948.

Cheers,
Will.

Will Gauntlett

RM Policy Manager

Waikato District Council

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