

**From:** Daniel Winter  
**Sent:** Tuesday, 27 July 2021 8:30 am  
**To:** Amy Bennetts  
**Subject:** RE: RM200488 RM200489 Gravel Extraction - NMP

Hi Amy,

This email is to provide you with my comments following a review of the following documents:

- Planscapes AEE dated 15 June 2021
- Hegley acoustic report dated December 2019
- Hegley Noise Management Plan dated May 2021

### **Noise**

The AEE confirms that the application is to comply with the noise standards of the TRMP. Therefore noise exceedances are not a reason for consent. Overall, the proposal is deemed to be a discretionary activity.

### **Assessment criteria**

I agree that the Hegley report identifies the correct TRMP zoning and noise limits.

### **Times of operation**

The operation will be daytime only with no works on weekends or Public holiday. This should form a condition of consent and has already been volunteered:

### **Hours of Operation**

- **The hours of operation on site, which include the extraction of gravel and rehabilitation of the land, shall be limited to between 7.00 am and 5.00 pm Monday to Friday inclusive. No operation shall be permitted on Saturday, Sunday, public holidays or during the period 20 December to 10 January.**

I agree with this condition.

### **Truck noise**

The predicted noise levels show compliance by at 5 dB. The highest predicted noise levels are for receivers 7 and 8, which are 458 and 470 Motueka River West Bank Road. These receivers are located next to the access way so it appears that truck noise will be the dominant noise source for these receivers, although this is not confirmed in the acoustic report.

The applicant states that heavy vehicle movements from the entire site associated with the gravel extraction will be restricted to 30 truck movements per day. The noise assessment is based on a higher level of truck movements so this provides a safe margin of error. The following conditions have been offered by the applicant:

## Truck Movements

- There shall be no more than 30 truck movements per day to and from the site (a return trip being two truck movements). A truck may include a trailer.
- All vehicles shall observe a speed limit of 30 kilometres/hour when on site. It is the Consent Holder's responsibility to inform drivers of this speed limit.

I agree with the conditions except that I would request confirmation why the speed limit is just 30 km/hr. Would noise and dust control be improved by have a lower speed limit of 10 or 20 km/hr?

## Plant

The noise assessment and the application are based on no processing of the rock on site. This should form a condition of consent. No processing of rock means no rock crusher or rock breaking.

## Noise management plan

I agree that the mitigation options proposed in the operational noise management plan for the best practicable options to control noise from the quarry operations. A requirement to implement the NMP should form a condition of consent and include the mitigation, equipment selection, neighbour liaison, and complaint management sections.

## Dust and odour

There is the potential for dust generation with gravel extraction. The AEE states that:

*All practical measures will be taken to ensure that any dust created by gravel extraction operations at the site will not become a nuisance or hazard to the public or adjacent property occupiers. The measures employed will include reducing vehicle speeds and the watering of traffic movement areas and stockpiles as may be required.*

I agree with these recommendations.

I recommend the following condition:

*Beyond the boundary of the premises where the activity is being undertaken there shall be no noxious, dangerous, offensive or objectionable odour, dust, particulate, smoke or ash*

I agree with the conditions suggested in Annex F of the application and that noise and dust effects can be controlled to within reasonable levels and comply with the limits in the TRMP. I recommend that the requirement to implement the NMP should form a condition of consent and include the mitigation, equipment selection, neighbour liaison, and complaint management sections.

I suggest we confirm why the vehicle speed proposed is 30 km/hr and not lower. Also will there be a wheel wash facility or requirement?

Please do not hesitate to contact me if you require clarification on the above, or if you require a further review of the application.

Regards,  
Daniel

**From:** Amy Bennetts <Amy.Bennetts@tasman.govt.nz>  
**Sent:** Thursday, 10 June 2021 3:04 pm  
**To:** Daniel Winter <daniel.winter@tasman.govt.nz>  
**Subject:** RE: RM200488 RM200489 Gravel Extraction - NMP

Kia ora Daniel,

Thanks for your quick reply!

I suppose I mean what the effects are likely to be provided they follow the NMP and whether the NMP does indeed reflect the best practicable option.

The RFI is below, and I will attach the initial application which includes an acoustic report and their initial assessment of noise (as being permitted).

- 2. It states in your application that the noise levels will comply with the limits of the TRMP with at least a 5dB factor of safety. While this may be the case, the activity itself is not permitted and is not an activity that fits within the character of permitted activities in a rural 1 zone. There is also a duty on occupiers in section 16 of the Resource Management Act 1991 to adopt the best practicable option for controlling noise. It is unclear from your application how noise will be managed on site. Please provide a Noise Management Plan detailing what best practicable options will be utilised to manage noise on site.**

Please find attached at Appendix B a Noise Management Plan prepared by Hegly Acoustic Consultants addressing this request.

Kind regards,  
Amy

**Amy Bennetts** | Environment & Planning  
Consent Planner - Natural Resources  
Extension 652 | DDI +64 3 543 7652

**From:** Daniel Winter <daniel.winter@tasman.govt.nz>  
**Sent:** Thursday, 10 June 2021 2:58 pm  
**To:** Amy Bennetts <Amy.Bennetts@tasman.govt.nz>  
**Subject:** FW: RM200488 RM200489 Gravel Extraction - NMP

Hi Amy,

Nice to e – meet you!

You have asked me to provide comments on *the potential effects of the activity in regard to noise*. A NMP does not assess noise effects but only outlines the methods to control noise. For example, the NMP attached does not have any predicted noise levels, distances to receivers, who the receivers are, and what the effects are on those receivers. The NMP provides the best practicable options and controls.

Do you know if there has been an assessment of noise effects? If there is no assessment, can you please send me the AEE to review?

Can you please also let me know the closest noise sensitive receiver and how close they are (distance m) to the site?

Thanks,  
Daniel

**Daniel Winter** | Environment and Planning  
Team Leader - Environmental Health  
Extension 888 | Mobile +64 (21) 1188488 | DDI +64 3 543 8488

Response Minute no 1 - Item 1 - Mr Winter - Noise

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**From:** Amy Bennetts <[Amy.Bennetts@tasman.govt.nz](mailto:Amy.Bennetts@tasman.govt.nz)>  
**Sent:** Thursday, 10 June 2021 2:08 pm  
**To:** Daniel Winter <[daniel.winter@tasman.govt.nz](mailto:daniel.winter@tasman.govt.nz)>  
**Subject:** FW: RM200488 RM200489 Gravel Extraction - NMP

Kia ora Daniel,

I am one of the consent planners from the natural resources team. We received an application a while ago from CJ Industries to extract gravel at Peach Island. Graham Caradus was interested in this because while they were supposedly going to come under the permitted noise level he did not consider it would be consistent with the surrounding zoning (rural 1 with nearby residences). See Question 2 in the s92 response attached.

We asked for a noise management plan which they have now submitted, see Appendix B. Can you please provide comments on the potential effects of the activity in regard to noise and whether you consider the management of noise appropriate (particularly considering the neighbours)?

Thanks,  
Amy

**Amy Bennetts** | Environment & Planning  
Consent Planner - Natural Resources  
Extension 652 | DDI +64 3 543 7652

---

**From:** Hayden Taylor <[Hayden@planscapes.co.nz](mailto:Hayden@planscapes.co.nz)>  
**Sent:** Tuesday, 8 June 2021 3:32 pm  
**To:** Amy Bennetts <[Amy.Bennetts@tasman.govt.nz](mailto:Amy.Bennetts@tasman.govt.nz)>  
**Subject:** RE: RM200488 RM200489, C J Industries, 134 Peach Island Motueka, Gravel, s92 RFI

Hi Amy,

Hope you're well. Please find attached a response to your further information requests for this application. Please let me know if you need anything further at this point. I hope to also have with you by the end of the week the results of some land productivity mapping that has been undertaken for the site.

If you have any questions please let me know.

Regards,

Hayden

**Hayden Taylor**  
Resource Management Consultant  
BSc (Hons)

**Planscapes (NZ) Ltd**  
94 Selwyn Place : PO Box 99 : Nelson  
T 03 539 0281 : M 021 071 2209 E [Hayden@planscapes.co.nz](mailto:Hayden@planscapes.co.nz)



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**From:** Amy Bennetts <[Amy.Bennetts@tasman.govt.nz](mailto:Amy.Bennetts@tasman.govt.nz)>  
**Sent:** Friday, 3 July 2020 1:25 PM  
**To:** Hayden Taylor <[Hayden@planscapes.co.nz](mailto:Hayden@planscapes.co.nz)>  
**Subject:** RM200488 RM200489, C J Industries, 134 Peach Island Motueka, Gravel, s92 RFI

Good afternoon Hayden,

Please find attached a request for further information in regard to the application you submitted for C J Industries gravel extraction at 134 Peach Island Road.

I am still following up as to whether any formal permission from our transport team is required to use the paper road or whether it is managed completely under the consent process. If anything further regarding that is required I will let you know.

Any queries do be in touch.

Kind regards,  
Amy

**Amy Bennetts**  
Consent Planner - Natural Resources  
DDI +64 3 543 7652 | [Amy.Bennetts@tasman.govt.nz](mailto:Amy.Bennetts@tasman.govt.nz)  
Private Bag 4, Richmond 7050, NZ



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Response Minute no 1 - Item 1 - Mr Winter - Noise

**From:** Daniel Winter  
**Sent:** Thursday, 10 February 2022 1:23 pm  
**To:** susi.b.solly@wsp.com  
**Subject:** FW: RM200488 RM200489 Gravel Extraction - NMP

Hi Susi, this is my last email to Ami

**Daniel Winter**

Team Leader - Environmental Health

DDI +64 3 543 8488 | Mobile +64 (21) 1188488 | [daniel.winter@tasman.govt.nz](mailto:daniel.winter@tasman.govt.nz)

Private Bag 4, Richmond 7050, NZ



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**From:** Daniel Winter <daniel.winter@tasman.govt.nz>  
**Sent:** Monday, 4 October 2021 3:36 pm  
**To:** Amy Bennetts <Amy.Bennetts@tasman.govt.nz>  
**Subject:** RE: RM200488 RM200489 Gravel Extraction - NMP

Hi Amy,

In regards to your first question, the -5 dB penalty is for special audible characterises (SAC). **It is unlikely that the noise from a quarry or from trucks would incur this penalty**, but perhaps there is an activity occurring on site that I am not aware of that would incur this penalty, but I have never used it, or seen it used for quarry noise before. I agree with Hegley on page 8 of the acoustic report is respect to SAC:

Response Minute no 1 - Item 1 - Mr Winter - Noise

<p><i>Special Audible Characteristics (SAC)</i></p>	<p>NZS 6802 penalises sounds with special audible characteristics (SAC) that can be particularly annoying and gives tonality and impulsiveness as examples of such sounds. For the proposal, the only activity that could potentially result in a SAC is the tonal reversing alarms on the plant. Should such alarms be required on the onsite plant, they will be replaced by broadband alarms that do not contain a SAC and no adjustment has therefore been made to the analysis.</p> <p>As there is no control over the type of reversing alarm on road trucks visiting the site, the trucks will be managed so that they do not need to be reversed while on site.</p>
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In regards to your last question, I don't have a firm view on which neighbours need to be limited-notified or if you go with public notification. My initial feeling is that if this consent needs to be notified for noise effects then limited notification will suffice. This is really a planning matter but I will help where I can.

If we refer back to the original Hegley assessment dated December 2019, Figure 1 shows an aerial photo with 24 receivers and Table 1 provides the addresses and predicted noise levels at each of the identified receivers. The noise levels at all 24 receivers are predicted to comply with the TRMP noise limits. However, you could make these 24 receivers a starting point to work back from for potential notification. The predicted noise levels vary from 28 dB  $L_{Aeq}$  up to 50 dB  $L_{Aeq}$ .

No ambient or background noise level measurements have been provided by the applicant. In fact, there is very little detail in the acoustic report in terms of the actual noise effects based. There are only comments regarding compliance with the TRMP noise limits.

I note that Graham took a 20 minute noise measurement of the existing environment. At the time (3pm Thursday 30 June 2020) the ambient noise was 39 dB  $L_{Aeq}$  and the background noise was 33 dB  $L_{A90}$ .

A potential option is to look at the sites with predicted levels of 3 decibels over the existing measured ambient noise of 39 dB  $L_{Aeq}$ . The logic here being that the a difference in noise of 1 – 3 dB is not perceptible to the human ear.

Referring to Table 1 of the Hegley report, the following receivers have predicted noise levels of 42 dB  $L_{Aeq}$  or above:

- Site 3: 392 Motueka River West Bank Road
- Site 5: 396 Motueka River West Bank Road
- Site 6: 398 Motueka River West Bank Road
- Site 7: 458 Motueka River West Bank Road
- Site 8: 470 Motueka River West Bank Road
- Site 9: 472 Motueka River West Bank Road
- Site 10: 478 Motueka River West Bank Road
- Site 11: 506 Motueka River West Bank Road

- Site 16: 85 Motueka Valley Highway
- Site 22: 121 Peach Island Road
- Site 23: 130 Peach Island Road
- Site 24: 132 Peach Island Road

Another (similar) option is to look at guidance around a background plus approach. In general terms, a difference of around +10dB or more is likely to be an indication of a significant adverse impact. A difference of around +5dB is likely to be an indication of an adverse impact. These levels very much depend on the context.

The measured background noise was 33 dB LA90. If we go with a background plus 5 dB approach then most of the receivers in Table 1 of the Hegley report will need to be included (with the exceptions of Sites 17 – 20).

If we go with background plus 10 dB approach (43 dB LAeq or above) then it is the same list of receivers:

- Site 3: 392 Motueka River West Bank Road
- Site 5: 396 Motueka River West Bank Road
- Site 6: 398 Motueka River West Bank Road
- Site 7: 458 Motueka River West Bank Road
- Site 8: 470 Motueka River West Bank Road
- Site 9: 472 Motueka River West Bank Road
- Site 10: 478 Motueka River West Bank Road
- Site 11: 506 Motueka River West Bank Road
- Site 16: 85 Motueka Valley Highway
- Site 22: 121 Peach Island Road
- Site 23: 130 Peach Island Road
- Site 24: 132 Peach Island Road

The potential issue with above options is that we are basing the notification decision on a single 20 minute noise measurement undertaken by a council member of staff. This information should really be provided by the applicant. If the applicant was to provide a more detailed assessment that includes reference to the existing noise environment then it would be ideal to get a number of noise measurements to ensure the levels are representative.

If we are considering notification based on noise levels above a measured ambient or background noise level then the applicant may want to have the opportunity to check if 39 dB LAeq is representative of the existing noise environment.

Let me know if you need clarification on the above or if you want to discuss further.

Regards,  
Daniel

**Daniel Winter** | Environmental Assurance  
Team Leader - Environmental Health  
Extension 888 | Mobile +64 (21) 1188488 | DDI +64 3 543 8488

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**From:** Amy Bennetts <[Amy.Bennetts@tasman.govt.nz](mailto:Amy.Bennetts@tasman.govt.nz)>  
**Sent:** Friday, 1 October 2021 9:04 am  
**To:** Daniel Winter <[daniel.winter@tasman.govt.nz](mailto:daniel.winter@tasman.govt.nz)>  
**Subject:** RE: RM200488 RM200489 Gravel Extraction - NMP

Hi Daniel,



In response to your query below, the current standards will be adopted and yes we will itemise the key noise mitigation requirements in the conditions.

I note that in their Noise Management Plan they have volunteered the following conditions:

- Processes relating to the extraction and movement of aggregate shall only be carried out between the hours of 7.00 am and 5.00 pm weekdays, excluding public holidays.
- Noise generated by the activities authorised by this consent, when measured at or within the notional boundary of any dwelling in a Rural 1 zone shall not exceed: Leq 55 dBA
- All operation in accordance with the NMP
- To carry out noise monitoring on request from TDC

I also note that they have since provided the attached info, including lining of trucks.

I noticed from an earlier consent granted for gravel extraction within the Rural 1 Zone at Peach Island that there was mention that the standards allow a 5dBA noise reduction on the permitted activity levels for 'special characteristics' though they left condition to specify a maximum of 55. I also notice that they determined that only immediately adjacent neighbours would be affected.

What are your thoughts on whether there should be a further 5dBA reduction, and how much of an effect this level of noise would have on the rural amenity value of the area?

We have to make a call on who is affected by the activity and I am unsure whether it is more likely to be surrounding neighbours, perhaps even those with houses viewable from the site (on the hills) where there is no noise buffer, or whether it is too difficult to determine the extent and this should be publicly notified.

Do you have any thoughts on the above?

Thanks,  
Amy

**Amy Bennetts** | [Environmental Assurance](#)  
Consent Planner - Natural Resources  
Extension 652 | | [DDI +64 3 543 7652](#)

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**From:** Daniel Winter <[daniel.winter@tasman.govt.nz](mailto:daniel.winter@tasman.govt.nz)>  
**Sent:** Monday, 13 September 2021 9:57 am  
**To:** Amy Bennetts <[Amy.Bennetts@tasman.govt.nz](mailto:Amy.Bennetts@tasman.govt.nz)>  
**Subject:** RE: RM200488 RM200489 Gravel Extraction - NMP

Hi Amy,

This condition needs work:

**Noise**

- Noise generated by the gravel extraction operation when measured at the notional boundary of any dwelling in the Rural Zone and not on the applicant's site, shall not exceed:

	Day	Night
Leq	55 dBA	40 dBA
Lmax		70 dBA

Noise is to be measured and assessed in accordance with the provisions of NZS 6801:1991, Measurement of Sound and NZS 6802:1991, Assessment of Environmental Sound.

Main issues are:

1. The noise condition does not include the descriptors ( $L_{Aeq}$ , LA10, LAmax, etc).
2. It should be measured "At or within the notional boundary".
3. Leq requires the 2008 standards. Why are they using the 1991 standards? These are for LA10.
4. The conditions need to be itemised so we can reference them.

Regards,  
Daniel

**Daniel Winter** | Environmental Assurance  
Team Leader - Environmental Health  
Extension 888 | Mobile +64 (21) 1188488 | DDI +64 3 543 8488

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**From:** Amy Bennetts <[Amy.Bennetts@tasman.govt.nz](mailto:Amy.Bennetts@tasman.govt.nz)>  
**Sent:** Monday, 26 July 2021 4:14 pm  
**To:** Daniel Winter <[daniel.winter@tasman.govt.nz](mailto:daniel.winter@tasman.govt.nz)>  
**Subject:** RE: RM200488 RM200489 Gravel Extraction - NMP

Hi Daniel, proposed conditions attached.

**Amy Bennetts** | Environmental Assurance  
Consent Planner - Natural Resources  
Extension 652 | DDI +64 3 543 7652

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**From:** Daniel Winter <[daniel.winter@tasman.govt.nz](mailto:daniel.winter@tasman.govt.nz)>  
**Sent:** Monday, 26 July 2021 3:08 pm  
**To:** Amy Bennetts <[Amy.Bennetts@tasman.govt.nz](mailto:Amy.Bennetts@tasman.govt.nz)>  
**Subject:** RE: RM200488 RM200489 Gravel Extraction - NMP

Hi Amy, can you please send me Appendix F referenced in the AEE:

## Volunteered Conditions

In order to ensure that environmental effects from the gravel extraction are limited, specific conditions of consent have been volunteered as outlined within attached **Annexure F**. These conditions are consistent with those included in similar gravel extraction consents, and cover matters such as:

- Hours of operation
- Maximum quantities to be removed
- **Truck** movements
- Size, location and orientation of excavations
- Topsoil Management
- Backfill material
- Site reinstatement
- Access
- Dust
- Monitoring
- Review

**Daniel Winter** | Environmental Assurance  
Team Leader - Environmental Health  
Extension 888 | Mobile +64 (21) 1188488 | DDI +64 3 543 8488

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**From:** Amy Bennetts <[Amy.Bennetts@tasman.govt.nz](mailto:Amy.Bennetts@tasman.govt.nz)>  
**Sent:** Friday, 23 July 2021 9:59 am  
**To:** Daniel Winter <[daniel.winter@tasman.govt.nz](mailto:daniel.winter@tasman.govt.nz)>  
**Subject:** RE: RM200488 RM200489 Gravel Extraction - NMP

Yes please Daniel. This is a real hot topic in the local community so your assessment will be most helpful.

Cheers,  
Amy

**Amy Bennetts** | Environmental Assurance  
Consent Planner - Natural Resources  
Extension 652 | DDI +64 3 543 7652

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**From:** Daniel Winter <[daniel.winter@tasman.govt.nz](mailto:daniel.winter@tasman.govt.nz)>  
**Sent:** Thursday, 22 July 2021 1:00 pm  
**To:** Amy Bennetts <[Amy.Bennetts@tasman.govt.nz](mailto:Amy.Bennetts@tasman.govt.nz)>  
**Subject:** RE: RM200488 RM200489 Gravel Extraction - NMP

Hi Amy,

Sorry for the delay in getting back to you. Are you still needing my comments on this one? I will crack on with it this afternoon.

Regards,  
Daniel

**Daniel Winter** | Environmental Assurance  
Team Leader - Environmental Health  
Extension 888 | Mobile +64 (21) 1188488 | DDI +64 3 543 8488

---

**From:** Amy Bennetts <[Amy.Bennetts@tasman.govt.nz](mailto:Amy.Bennetts@tasman.govt.nz)>  
**Sent:** Thursday, 10 June 2021 3:04 pm  
**To:** Daniel Winter <[daniel.winter@tasman.govt.nz](mailto:daniel.winter@tasman.govt.nz)>  
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Can you please also let me know the closest noise sensitive receiver and how close they are (distance m) to the site?

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Kia ora Daniel,

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We asked for a noise management plan which they have now submitted, see Appendix B. Can you please provide comments on the potential effects of the activity in regard to noise and whether you consider the management of noise appropriate (particularly considering the neighbours)?

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**Sent:** Tuesday, 8 June 2021 3:32 pm  
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Hi Amy,

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If you have any questions please let me know.

Regards,

Hayden

**Hayden Taylor**  
Resource Management Consultant  
BSc (Hons)

**Planscapes (NZ) Ltd**  
94 Selwyn Place : PO Box 99 : Nelson  
T 03 539 0281 : M 021 071 2209 E [Hayden@planscapes.co.nz](mailto:Hayden@planscapes.co.nz)



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Response Minute no 1 - Item 1 - Mr Winter - Noise

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**Sent:** Friday, 3 July 2020 1:25 PM

**To:** Hayden Taylor <[Hayden@planscapes.co.nz](mailto:Hayden@planscapes.co.nz)>

**Subject:** RM200488 RM200489, C J Industries, 134 Peach Island Motueka, Gravel, s92 RFI

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I am still following up as to whether any formal permission from our transport team is required to use the paper road or whether it is managed completely under the consent process. If anything further regarding that is required I will let you know.

Any queries do be in touch.

Kind regards,  
Amy

**Amy Bennetts**

Consent Planner - Natural Resources

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Private Bag 4, Richmond 7050, NZ



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Response Minute no 1 - Item 1 - Mr Winter - Noise

**From:** Jamie McPherson  
**Sent:** Wednesday, 16 February 2022 3:20 pm  
**To:** Ari Fon; Dugald Ley  
**Subject:** RE: RM200488 Peach Island Gravel Extraction

Hi Ari

Council have no obligation for maintenance and it is not something we would look to do, unless it formed part of our cycle trail  
cheers

**Jamie McPherson**

Transportation Manager

DDI +64 3 543 7256 | Mobile +64 27 600 8447 | [Jamie.McPherson@tasman.govt.nz](mailto:Jamie.McPherson@tasman.govt.nz)

Private Bag 4, Richmond 7050, NZ



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**From:** Ari Fon <[ari@affirmnz.co.nz](mailto:ari@affirmnz.co.nz)>  
**Sent:** Wednesday, 16 February 2022 3:14 pm  
**To:** Jamie McPherson <[Jamie.McPherson@tasman.govt.nz](mailto:Jamie.McPherson@tasman.govt.nz)>; Dugald Ley <[Dugald.Ley@tasman.govt.nz](mailto:Dugald.Ley@tasman.govt.nz)>  
**Subject:** FW: RM200488 Peach Island Gravel Extraction

Hi Jamie/ Dugald

I believe you're aware that I've been engaged by Council to carry out a review of traffic matters on their behalf for this consent application.

A quick question from me regarding the responsibility for the paper road once it is formed, as intended by the Applicant. Will the maintenance lie with the Applicant/ party that physically forms the road or is there a maintenance responsibility that lies with Council once a paper road is physically formed?

Confirming also that I've seen the email discussion around the retention of the formed route following the completion of gravel extraction, so aware of that possibility.

Regards  
Ari

---

**From:** Bernsdorf Solly, Susi <[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)>  
**Sent:** Thursday, 10 February 2022 3:05 p.m.  
**To:** Ari Fon <[ari@affirmnz.co.nz](mailto:ari@affirmnz.co.nz)>  
**Subject:** Fwd: RM200488 Peach Island Gravel Extraction

Response Minute no 1 - Item 2 - Mr McPherson - Traffic / roading

Hi Ari

The below just came thru from Jamie - Fyi.

Initial comments before you go away sounds good and the rest we have to make work somehow 😊

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**From:** Jamie McPherson <[Jamie.McPherson@tasman.govt.nz](mailto:Jamie.McPherson@tasman.govt.nz)>  
**Sent:** Thursday, February 10, 2022 2:50:11 PM  
**To:** Bernsdorf Solly, Susi <[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)>; Dugald Ley <[Dugald.Ley@tasman.govt.nz](mailto:Dugald.Ley@tasman.govt.nz)>  
**Cc:** Leif Pigott <[Leif.Pigott@tasman.govt.nz](mailto:Leif.Pigott@tasman.govt.nz)>  
**Subject:** RE: RM200488 Peach Island Gravel Extraction

Hi Susi  
See answers below  
cheers

**Jamie McPherson**  
Transportation Manager  
DDI +64 3 543 7256 | Mobile +64 27 600 8447 | [Jamie.McPherson@tasman.govt.nz](mailto:Jamie.McPherson@tasman.govt.nz)  
Private Bag 4, Richmond 7050, NZ



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**From:** Bernsdorf Solly, Susi <[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)>  
**Sent:** Thursday, 10 February 2022 1:31 pm  
**To:** Jamie McPherson <[Jamie.McPherson@tasman.govt.nz](mailto:Jamie.McPherson@tasman.govt.nz)>; Dugald Ley <[Dugald.Ley@tasman.govt.nz](mailto:Dugald.Ley@tasman.govt.nz)>  
**Cc:** Leif Pigott <[Leif.Pigott@tasman.govt.nz](mailto:Leif.Pigott@tasman.govt.nz)>  
**Subject:** RM200488 Peach Island Gravel Extraction  
**Importance:** High

Hi Jamie and Dugald,

I have taken over the processing of this application from Amy and need to prepare a s42A Officer's report for the upcoming hearing (scheduled for 28/29 March – I

I have reviewed the vast amount of info in TDC's Doris system and would like to clarify a couple of things. Given the deadline of the hearing and report, I need this info quite urgently – can you please get back to me no later than the **Monday, 14 February 2022.**

1. Paper Road – there has been a bit of correspondence around the approval process required for forming a paper road. Can you please confirm that (apart from the RC) no other approvals are required? **They also require an Approval to Work Permit which are applied for through my team**
2. Road Capacity - I understand that the proposal will not result in any network capacity issues (email from Jamie to Amy, 31 August 2020). The Noise Management Plan submitted as part of the further info response recommends to consider the use of HPMV trucks/ trailers (as they require less visits to the site/ traffic



movements). Can you confirm that the network capacity/ efficiency along the proposed access route is adequate for use of HPMV trucks – or would there be any issues (in which case we could recommend a condition not to use HPMV ). **The first section of Westbank Rd up to Shaggery Rd is an approved full HPMV route. From Shaggery Rd to Rocky River Rd is approved to 48 tonne AWF.**

3. Traffic Safety – this has been raised in A LOT of the submissions (incl. GTT running along Westbank road etc.) In your opinion, will the addition of 30 truck & trailer movements a day will result in adverse effects on traffic safety? If so, how much of an effect? (minor or more?) **What has the TIA stated about this issue? Westbank Rd is very narrow in places with no shoulder, and traffic volumes are relatively low (~300vpd, 8% HCV = 24 HCVs/day). (I just saw Alastairs note that Ari will do the traffic review – cool)**
4. Access at 493 Motueka West Road
  - a. The applicant proposes to remove 2 willow trees and undertake bank trimming to increase SSD. The trees / bank trimming are located within Unformed Legal Road. I take it you are happy for these works to be undertaken? **Yes**
  - b. They are proposing to upgrade the paper road/ access to 4.5m sealed with (Dugald requested 0.5m gravel shoulders and side drains on either side). Dugald (email to Amy, 26 June 2020) requested upgrade to LDM 409 diagram 2, which shows seal widening and access sealing for 10m from the road boundary into the site, then narrowing to 6m width. The road boundary is about 20m back from the edge of the current seal. I think it would be good to ensure that they have a sealed width of at least 6m up to the bridge approach, to ensure 2 trucks/ trailers can pass each other and there is no “queuing” on West Bank Road. Would you agree? **Sounds reasonable**
  - c. I saw Dugald’s comment in terms of keeping the option to retain the paper road formation (as opposed to returning to pasture). I was thinking of the option of potentially running the GTT along the formed paper road following extraction. Is this something that TDC is considering? (I would look to include a recommended condition that keeps the options open) **Yes sounds ok to keep options open – formed track is good for public access in the long run**

Looking forward to hear from you. Any questions, please call!  
Kind regards,  
Susi



**Susi Bernsdorf Solly**  
Senior Planner

T: +64 3 548 9463  
M: +64 27 246 4893  
[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)

WSP  
Level 1 Morrison Square  
77 Selwyn Place  
Nelson, 7010  
New Zealand

[wsp.com/nz](http://wsp.com/nz)

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**From:** Giles Griffith  
**Sent:** Tuesday, 22 February 2022 4:25 pm  
**To:** Bernsdorf Solly, Susi  
**Subject:** RE: RM200488 Peach Island Gravel Extraction

3m would be higher than a lot of the stopbank at Peach Island, but if the bunds are 20m away and parallel to the flow then yes the effects would be minor as they would not be directing flow towards our stopbanks or increasing the water velocity past them. Their footprint in relation to the floodway would be insignificant as far as increasing top water levels also.

Giles.

**Giles Griffith**

Project Manager

DDI+64 3 543 7244|Mobile+64 27 246 6661|[giles.griffith@tasman.govt.nz](mailto:giles.griffith@tasman.govt.nz)

Private Bag 4, Richmond 7050, NZ



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**From:** Bernsdorf Solly, Susi <[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)>  
**Sent:** Tuesday, 22 February 2022 12:12 pm  
**To:** Giles Griffith <[giles.griffith@tasman.govt.nz](mailto:giles.griffith@tasman.govt.nz)>  
**Subject:** RE: RM200488 Peach Island Gravel Extraction

No, I have asked for this but haven't received a response yet. They have submitted a draft soil management plan though that says that stockpile should not exceed 3m in height. Location would be adjacent to excavation, so parallel to line of flow, but I have no dimensions. Perhaps assume max. height 3m, max. length 100m (= length of pit) – would that be minor in terms of flood effects?



**Susi Bernsdorf Solly**  
Senior Planner

T: +64 3 548 9463  
M: +64 27 246 4893  
[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)  
[wsp.com/nz](http://wsp.com/nz)

**From:** Giles Griffith <[giles.griffith@tasman.govt.nz](mailto:giles.griffith@tasman.govt.nz)>  
**Sent:** Tuesday, 22 February 2022 11:28 AM

Response Minute no 1 - Item 3 - Mr Griffiths - Flood plain / stop bank effects

To: Bernsdorf Solly, Susi <[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)>  
Subject: RE: RM200488 Peach Island Gravel Extraction

Hi Susi

It's difficult to be 100% sure without further details but as long as the stockpiles are not within 20m of the stopbanks then I see no problem.

Is there a graphic showing the proposed location and dimensions?

Giles.

**Giles Griffith**

Project Manager

DDI+64 3 543 7244|Mobile+64 27 246 6661|[giles.griffith@tasman.govt.nz](mailto:giles.griffith@tasman.govt.nz)

Private Bag 4, Richmond 7050, NZ



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**From:** Bernsdorf Solly, Susi <[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)>  
**Sent:** Tuesday, 22 February 2022 11:20 am  
**To:** Giles Griffith <[giles.griffith@tasman.govt.nz](mailto:giles.griffith@tasman.govt.nz)>  
**Subject:** RE: RM200488 Peach Island Gravel Extraction  
**Importance:** High

Thanks Giles, appreciate that.

And what about the stockpiling issue:

The proposed stockpile area is within the stopbank and the application states that no material will be stored on the river side of the stopbank – with the exception of temporarily stored material waiting to be placed. However, the application also notes that:

- there is a possibility that >20m3 of material will be stockpiled within berm land
- the noise management plan proposes the Creation of a bund comprising of topsoil between the excavation and nearest neighbour
- Leif's notification report says: "clarify stockpiling on flood plain – they have said they will bund between extraction site and nearest neighbours to reduced visual effect"  
→ have the effects of this in terms of flood risk been considered?

It looks like this has not been addressed in the T&T assessment. Do you think the bund/ stockpile will adversely affect the flood hazard?



**Susi Bernsdorf Solly**  
Senior Planner

T: +64 3 548 9463  
M: +64 27 246 4893  
[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)

[wsp.com/nz](http://wsp.com/nz)

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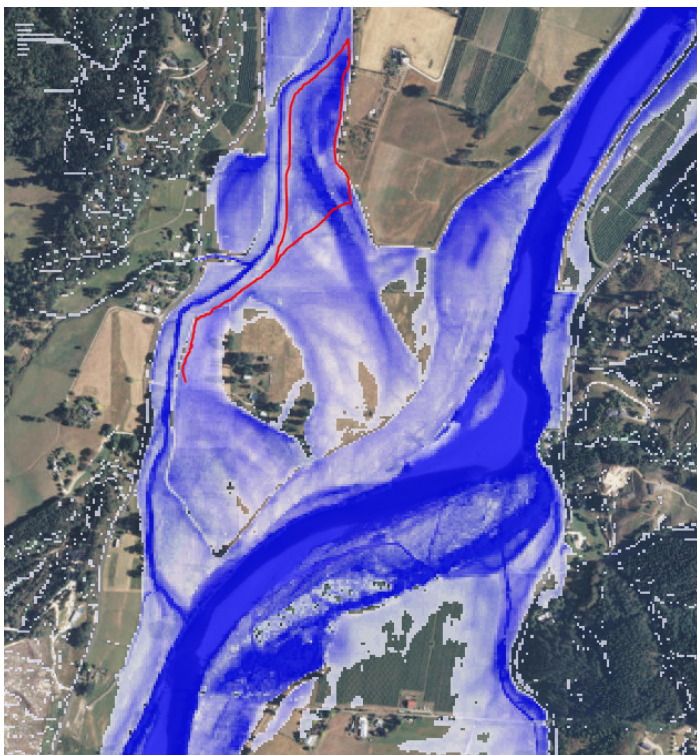
**From:** Giles Griffith <[giles.griffith@tasman.govt.nz](mailto:giles.griffith@tasman.govt.nz)>  
**Sent:** Tuesday, 22 February 2022 8:28 AM  
**To:** Bernsdorf Solly, Susi <[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)>  
**Subject:** FW: RM200488 Peach Island Gravel Extraction

Hi Susi

I have reviewed the further information that the applicant has provided, and am happy that I can reply to your first three questions with 'I confirm there is unlikely to be an adverse affect on river control and flood protection aspects', but I am not sure about the last one.

A shelterbelt type planting is proposed to go right across the west bank channel that accepts flood flows, and while there is already high levels of woody vegetation in this overflow channel in places, this would be right across and close to the head of this channel. The planting lines running parallel with river flow I am not concerned about as long as they don't plant too close to the stopbank (i.e. within 5m).

The red line below shows the proposed planting lines overlaid on a Q10 event (flows are bottom to top).



My preference would be for no plantings or fencing to cross the channel in this vicinity, while flexible 'laydown' plantings such as toe toe, Carex sp. or scattered single trunked trees (say no more than one per 10m) could be entertained, but then may not achieve the desired visual screening the applicant is seeking.

Regards,  
Giles.

**Giles Griffith**  
Project Manager  
DDI+64 3 543 7244|Mobile+64 27 246 6661|[giles.griffith@tasman.govt.nz](mailto:giles.griffith@tasman.govt.nz)

Response Minute no 1 - Item 3 - Mr Griffiths - Flood plain / stop bank effects

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**From:** Bernsdorf Solly, Susi <[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)>  
**Sent:** Friday, 11 February 2022 12:46 pm  
**To:** Giles Griffith <[giles.griffith@tasman.govt.nz](mailto:giles.griffith@tasman.govt.nz)>  
**Cc:** Leif Pigott <[Leif.Pigott@tasman.govt.nz](mailto:Leif.Pigott@tasman.govt.nz)>  
**Subject:** RE: RM200488 Peach Island Gravel Extraction

Hi Giles,  
Could you please check with Leif on this?  
In an ideal world we would probably take this to the new river engineer, but given the very limited timeframe and history of this, I would much appreciate if you could respond – provided Leif is happy with this?



**Susi Bernsdorf Solly**  
Senior Planner

T: +64 3 548 9463  
M: +64 27 246 4893  
[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)

[wsp.com/nz](http://wsp.com/nz)

**From:** Giles Griffith <[giles.griffith@tasman.govt.nz](mailto:giles.griffith@tasman.govt.nz)>  
**Sent:** Friday, 11 February 2022 8:27 AM  
**To:** Bernsdorf Solly, Susi <[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)>  
**Subject:** RE: RM200488 Peach Island Gravel Extraction

Hi Susi

Just checking that I'm still qualified/authorised to respond to your questions below? – as I have changed jobs here at TDC and am no longer in river management.

Giles.

**Giles Griffith**  
Project Manager  
DDI+64 3 543 7244|Mobile+64 27 246 6661|[giles.griffith@tasman.govt.nz](mailto:giles.griffith@tasman.govt.nz)  
Private Bag 4, Richmond 7050, NZ

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**From:** Bernsdorf Solly, Susi <[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)>  
**Sent:** Wednesday, 9 February 2022 2:46 pm  
**To:** Giles Griffith <[giles.griffith@tasman.govt.nz](mailto:giles.griffith@tasman.govt.nz)>  
**Cc:** Leif Pigott <[Leif.Pigott@tasman.govt.nz](mailto:Leif.Pigott@tasman.govt.nz)>  
**Subject:** RM200488 Peach Island Gravel Extraction  
**Importance:** High

Hi Giles,

I have taken over the processing of this application from Amy and need to prepare a s42A Officer's report for the upcoming hearing.

I have reviewed the vast amount of info in TDC's Doris system and would like to clarify a couple of things. Given the deadline of the hearing and report, I need this info quite urgently – can you please get back to me no later than the Friday, **11 February 2022**.

I understand you initially raised concerns regarding:

- impacts on the stopbank (from the excavations and vehicles crossing)
- scour on the berm/ into the stopbank
- increased likelihood of a breach of the stopbank (resulting from the excavations)

The RFI also queried:

- changes in flow patterns, water levels, or potential land erosion when the river is in flood
- effects of the excavation on river flood flows, potential localised change in water levels in flood conditions

T&T did some modelling which you reviewed and were happy with (email to Amy 2 July 2021)

Can you please confirm that:

- you agree with T&T's assessment that the extraction works "are not expected to affect the stability/ function of the existing stopbank" (subject to works being setback 20m from the toe of the stopbank etc.
- you agree that there wont be any changes/ effects from Stages 2 & 3 of the extraction as they are within the stopbank (hence the T&T flood hazard assessment only considered Stage 1 of the extraction)
- you agree with T&T that the proposed activity will not worsen existing flood risk, impact natural drainage patterns or negatively impact the flood plain storage capacity (section 3.1.3, page 5 T&T report)
- you consider that the proposed amenity planting (as per planting plan submitted with the RFI response (emailed from Amy to you on 10 June 2021) will not adversely affect the flood hazard

The proposed stockpile area is within the stopbank and the application states that no material will be stored on the river side of the stopbank – with the exception of temporarily stored material waiting to be placed.

However, the application also notes that:

- there is a possibility that >20m<sup>3</sup> of material will be stockpiled within berm land
  - Leif's notification report says: "clarify stockpiling on flood plain – they have said they will bund between extraction site and nearest neighbours to reduced visual effect"
- have the effects of this in terms of flood risk been considered?

If you have any queries regarding the above, please feel free to call!

Kind regards,

Susi



**Susi Bernsdorf Solly**  
Senior Planner

T: +64 3 548 9463  
M: +64 27 246 4893  
[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)

WSP  
Level 1 Morrison Square  
77 Selwyn Place  
Nelson, 7010  
New Zealand

[wsp.com/nz](http://wsp.com/nz)

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Response Minute no 1 - Item 3 - Mr Griffiths - Flood plain / stop bank effects

**From:** Joseph Thomas  
**Sent:** Tuesday, 21 June 2022 3:05 pm  
**To:** Alastair Jewell  
**Subject:** FW: Bore logs Peach Island

Joseph

**Joseph Thomas** | Information, Science & Technology  
Senior Resource Scientist - Water & Special Projects  
Mobile +64 27 458 3674 | DDI +64 3 543 8494

---

**From:** Bernsdorf Solly, Susi <[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)>  
**Sent:** Monday, 14 February 2022 9:42 am  
**To:** Joseph Thomas <[Joseph.Thomas@tasman.govt.nz](mailto:Joseph.Thomas@tasman.govt.nz)>  
**Subject:** RE: Bore logs Peach Island

Hi Joseph,  
Thanks so much for your quick response – and on a Sunday! - much appreciated!!!  
Hope you are well and might see you at the hearing 😊

Cheers,  
Susi



**Susi Bernsdorf Solly**  
Senior Planner

T: +64 3 548 9463  
M: +64 27 246 4893  
[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)  
[wsp.com/nz](http://wsp.com/nz)

---

**From:** Joseph Thomas <[Joseph.Thomas@tasman.govt.nz](mailto:Joseph.Thomas@tasman.govt.nz)>  
**Sent:** Sunday, 13 February 2022 10:43 AM  
**To:** Bernsdorf Solly, Susi <[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)>  
**Subject:** RE: Bore logs Peach Island

Hi Susi

Been a bit out of the loop since Amy left. Knew it was notified – but not sure of timelines.

I am also overloaded with other time constrained work and hearings

We were trying to get some groundwater level data at lower flows - did not happen and river has been high.

Monitoring should be at one dedicated bore upstream and one downstream – installed by the applicant prior commencement of any works. This in consultation with Council accounting for groundwater flow direction in the area.



A minimum of 3 samples (least 2 weeks apart) need to be taken prior commencement of any works to establish background levels.

Other parameters that need to be tested suggest ph, electrical conductivity ?e-coli (check with Leif), iron – and the parameters suggested.

This should be required to be tested 3 monthly.

Any change > 20 % of the background levels – all works should stop and investigations – should be undertaken – to ascertain the cause. Works should not recommence until it is established to the satisfaction of Council that the operation is not causing these changes.

Suggest monitoring should continue for a year after operations are complete (Check with Leif how this will work)

Important: Backfill is clean and be monitored. This is important for integrity of groundwater quality

Depth of excavation should not drop below average summer groundwater levels ( Check a condition from the Douglas rd site) - I recall their data was not very clear. It might be in the FI they provided to Amy?Leif

A 3 D depth contour plan for compliance will be helpful.

All correspondence – went to amy – so information I asked was not forwarded – but they did so later – I have a folder – was waiting for some summer groundwater levels from the area by Students – but with drought and rain we did not have resources. The applicant could have collected this.

Ta

Joseph

**Joseph Thomas**

Senior Resource Scientist - Water & Special Projects

DDI +64 3 543 8494 | Mobile +64 27 458 3674 | [Joseph.Thomas@tasman.govt.nz](mailto:Joseph.Thomas@tasman.govt.nz)

Private Bag 4, Richmond 7050, NZ



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**From:** Bernsdorf Solly, Susi <[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)>  
**Sent:** Saturday, 12 February 2022 11:56 am  
**To:** Joseph Thomas <[Joseph.Thomas@tasman.govt.nz](mailto:Joseph.Thomas@tasman.govt.nz)>  
**Subject:** RE: Bore logs Peach Island  
**Importance:** High

Hi Joseph,

How are you?

I have taken over the processing of this application from Amy and need to prepare a s42A Officer's report for the upcoming hearing (scheduled for 28/29 March – I suspect you may get an invite from Alastair?)

I have reviewed the vast amount of info in TDC's Doris system and would like to clarify a couple of things. Given the deadline of the hearing and report, I need this info quite urgently – can you please get back to me no later than the **Tuesday, 15 February 2022.**

With regards to Groundwater quality/ monitoring the latest on file (Doris) is below.

- Could you please forward me any subsequent correspondence you had with Amy and Leif?
- What are your final comments/ recommendation with regards to the application?
- The applicant (GW Quality assessment prepared by Envirolink) recommends/ volunteers quarterly monitoring of a bore upstream and downstream for dissolved copper, lead and zinc. This could be captured a condition similar to the below (once tweaked accordingly) would you agree?
- Any additional parameters they should sample for
- Are there any existing upstream and downstream bores they could/ should use for sampling??

**49** The existing bore at the approximate location shown on Plan A shall be sampled at least annually. Samples shall be analysed by a suitably qualified and experienced person for pH and temperature corrected (20 degrees Celsius) conductivity. All testing equipment must be calibrated and verified as accurate prior to testing by a suitably qualified and experienced person. All testing shall be at the full expense of the Consent Holder. Sampling results shall be submitted to Council's Team Leader - Monitoring & Enforcement.

If water quality is shown to deteriorate over the duration of this consent, additional or more frequent sampling may be requested. If the deterioration in water quality continues and is likely to be attributable to the nature of the backfill being placed, a review of conditions may be initiated under Condition 5 of this consent.

I look forward to hearing from you!

Any questions, give me a call 😊

Cheers,  
Susi



**Susi Bernsdorf Solly**  
Senior Planner

Response Minute no 1 - Item 3 - Mr Thomas - Freshwater

T: +64 3 548 9463  
M: +64 27 246 4893  
[Susi.b.solly@wsp.com](mailto:Susi.b.solly@wsp.com)

[wsp.com/nz](http://wsp.com/nz)

---

**From:** Joseph Thomas <[Joseph.Thomas@tasman.govt.nz](mailto:Joseph.Thomas@tasman.govt.nz)>  
**Sent:** Friday, 17 September 2021 2:49 PM  
**To:** Amy Bennetts <[Amy.Bennetts@tasman.govt.nz](mailto:Amy.Bennetts@tasman.govt.nz)>  
**Subject:** RE: Bore logs Peach Island

I am not sure – she was meeting the guy who took us there – to show her the bores. But cancelled earlier due to family bereavement.

Also I have not had any feedback on the queries so far.

I think we may have the logs.

Nxt two weeks a bit hectic – catching up with backlog work.

Ta

Joseph

**Joseph Thomas** | Information, Science & Technology  
Senior Resource Scientist - Water & Special Projects  
Extension 894 | Mobile +64 27 458 3674 | DDI +64 3 543 8494

---

**From:** Amy Bennetts <[Amy.Bennetts@tasman.govt.nz](mailto:Amy.Bennetts@tasman.govt.nz)>  
**Sent:** Friday, 17 September 2021 2:44 pm  
**To:** Joseph Thomas <[Joseph.Thomas@tasman.govt.nz](mailto:Joseph.Thomas@tasman.govt.nz)>  
**Subject:** RE: Bore logs Peach Island

Hi Joseph,

I am just wondering if Melanie has had a chance to get out yet? When can I expect your final comments on this application?

Thanks,  
Amy

**Amy Bennetts** | Environmental Assurance  
Consent Planner - Natural Resources  
Extension 652 | DDI +64 3 543 7652

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**From:** Joseph Thomas <[Joseph.Thomas@tasman.govt.nz](mailto:Joseph.Thomas@tasman.govt.nz)>  
**Sent:** Monday, 9 August 2021 9:58 am  
**To:** Amy Bennetts <[Amy.Bennetts@tasman.govt.nz](mailto:Amy.Bennetts@tasman.govt.nz)>  
**Subject:** RE: Bore logs Peach Island

Hi Amy,

Melanie – was going to meet Robert Deck tomorrow – but this has been put off as she has had a family breavment.

I have rung Robert and told him he is ok –

Response Minute no 1 - Item 3 - Mr Thomas - Freshwater

I was hoping to get 2 -3 sets of data – so may be by end Sept.

Also with office disruptions – will be working remote/leave/out of town for next 2-3 weeks.

Ta

Joseph

**Joseph Thomas** | Information, Science & Technology  
Senior Resource Scientist - Water & Special Projects  
Extension 894 | Mobile +64 27 458 3674 | DDI +64 3 543 8494

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**From:** Amy Bennetts <[Amy.Bennetts@tasman.govt.nz](mailto:Amy.Bennetts@tasman.govt.nz)>  
**Sent:** Monday, 9 August 2021 9:37 am  
**To:** Joseph Thomas <[Joseph.Thomas@tasman.govt.nz](mailto:Joseph.Thomas@tasman.govt.nz)>  
**Subject:** FW: Bore logs Peach Island

Hi Joseph,

Please see attachment from Hayden for Peach Island bores.  
Are you just waiting for the winter water levels to provide final comment on this application?

What is your estimated timeframe? No hurry – just helps me to forward plan getting my notification report done.

Thanks,  
Amy

**Amy Bennetts** | Environmental Assurance  
Consent Planner - Natural Resources  
Extension 652 | DDI +64 3 543 7652

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**From:** Hayden Taylor <[Hayden@planscapes.co.nz](mailto:Hayden@planscapes.co.nz)>  
**Sent:** Friday, 6 August 2021 11:25 am  
**To:** Amy Bennetts <[Amy.Bennetts@tasman.govt.nz](mailto:Amy.Bennetts@tasman.govt.nz)>  
**Subject:** FW: Bore logs Peach Island

Hi Amy,

For Joseph please.

Regards,

Hayden

**Hayden Taylor**  
Resource Management Consultant  
BSc (Hons)

**Planscapes (NZ) Ltd**  
94 Selwyn Place : PO Box 99 : Nelson  
T 03 539 0281 : M 021 071 2209 E [Hayden@planscapes.co.nz](mailto:Hayden@planscapes.co.nz)



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**From:** Fleur | Envirolink <[fleur@envirolink.co.nz](mailto:fleur@envirolink.co.nz)>  
**Sent:** Friday, 6 August 2021 9:39 AM  
**To:** Hayden Taylor <[Hayden@planscapes.co.nz](mailto:Hayden@planscapes.co.nz)>  
**Cc:** Richard CJ Industries <[richard@cjindustries.co.nz](mailto:richard@cjindustries.co.nz)>  
**Subject:** Bore logs Peach Island

Hi Hayden

Attached are the bore logs that Joseph Thomas had requested in relation to the groundwater report done for Peach Island.

Regards

Fleur Tiernan

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**Envirolink Ltd**

*Environmental Scientist*

*Water Quality and Aquatic Ecology*

BSc (Hons) Zoology

MSc Freshwater Ecology

MSc Environmental Engineering

**Mobile:** 022 6800 845

**Office:** 03 540 2064

**Email:** [fleur@envirolink.co.nz](mailto:fleur@envirolink.co.nz)

**Website:** [www.envirolink.co.nz/](http://www.envirolink.co.nz/)

**Address:** 20 Stafford Drive, Mapua, Nelson, 7005

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Response Minute no 1 - Item 3 - Mr Thomas - Freshwater