

Sarah Wainwright

From: Peter Stacey <Peter.Stacey@ghd.com>
Sent: Monday, 24 August 2020 11:04 AM
To: Colleen Prendergast; 'Brett Hood (brett@reyburnandbryant.co.nz)'
Cc: Doug and Helen
Subject: RE: DOBY - Video of Water blasting

Yes, I think that would be clearer.

From: Colleen Prendergast
Sent: Monday, 24 August 2020 10:45 AM
To: Peter Stacey ; 'Brett Hood (brett@reyburnandbryant.co.nz)'
Cc: Doug and Helen
Subject: RE: DOBY - Video of Water blasting

Thanks Peter – I think that looks fine.

The only suggestion I would make is that it becomes 2 conditions – one dealing with sanding and grinding, the other dealing with waterblasting and the application of antifouling or paint.

Thoughts anyone?

Regards
Colleen

Colleen Prendergast BTP LLB
Senior Solicitor



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From: Peter Stacey [<mailto:Peter.Stacey@ghd.com>]
Sent: Monday, 24 August 2020 10:21 AM
To: Colleen Prendergast <ColleenPrendergast@hendersonreeves.co.nz>; 'Brett Hood (brett@reyburnandbryant.co.nz)' <brett@reyburnandbryant.co.nz>
Cc: Doug and Helen <totarahill@xtra.co.nz>
Subject: RE: DOBY - Video of Water blasting

Hi Colleen,

Sorry for the slow response – I'm absolutely swamped at the moment.

I take additional comfort that with the reconstructed slipway, boats will be at least 5 m further up the slipway so the minimum separation distance will be in the order of 8 m instead of the ~3 m currently, however I accept what you're saying that it only take one drop of water to land on someone's head before a complaint is made.

See amendment to the rule proposed by Paul Maxwell in red to ensure that water blasting is only undertaken when the wind is blowing up the slipway – as this was not covered as previously written.

*~~Water blasting~~, sanding and grinding operations shall only be conducted when the wind speed is between 0.5 m/s and 5 m/s (as an hourly average). **Water blasting** or the application of antifouling and paint or shall only be undertaken when the windspeed is greater than 0.5 m/s and when apparent wind on the slipway is from the northeast to the south southeast (wind is blowing up the slipway through an angle of 45 to 170 degrees).*

Thanks

Peter

From: Colleen Prendergast <ColleenPrendergast@hendersonreeves.co.nz>
Sent: Tuesday, 18 August 2020 9:56 PM
To: Peter Stacey <Peter.Stacey@ghd.com>; 'Brett Hood (brett@reyburnandbryant.co.nz)' <brett@reyburnandbryant.co.nz>
Cc: Doug and Helen <totarahill@xtra.co.nz>
Subject: RE: DOBY - Video of Water blasting

Hi Peter (and all)

Thanks for the video and for copying me in to the email.

I agree the video is pretty clear as to what happens when the wind is blowing in the right direction (up the slipway). And that I imagine is the reason why the Commissioner wants a condition to limit waterblasting to those circumstances. I've just been through the first iteration of conditions and it seems that Paul Maxwell has already amended condition 81 (previously 78) which relates to sanding and grinding to also include waterblasting – eg:

Water blasting, sanding and grinding operations shall only be conducted when the wind speed is between 0.5 m/s and 5 m/s (as an hourly average). The application of antifouling and paint shall only be undertaken when the windspeed is greater than 0.5 m/s and when apparent wind on the slipway is from the northeast to the south southeast (wind is blowing up the slipway through an angle of 45 to 170 degrees).

Are you okay with that, or would you prefer a stand-alone condition that also deals with the alignment of the rod/nozzle?

I note your reference to being comfortable with a condition that NO water end up on the walkway. I have real concerns with that, particularly given the people we are dealing with. Unless there is a statutory requirement/rule in the plan requiring effects to be avoided rather than mitigated, it is better to shy away from the absolute. While it may be uncommon for the wind to blow down the slipway and/or unlikely that it may swirl around or change direction in a moment, there is always the chance that for some reason the unexpected will happen.

Regards
Colleen

Colleen Prendergast BTP LLB
Consultant



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From: Peter Stacey [<mailto:Peter.Stacey@ghd.com>]
Sent: Saturday, 15 August 2020 5:26 p.m.
To: 'Brett Hood (brett@reyburnandbryant.co.nz)' <brett@reyburnandbryant.co.nz>
Cc: Doug and Helen <totarahill@xtra.co.nz>; Colleen Prendergast <ColleenPrendergast@hendersonreeves.co.nz>
Subject: DOBY - Video of Water blasting

Hi Brett,

As discussed, see attached video showing the water blaster pointing almost vertical and notice how the plume is going towards the boatshed and away from the walking track.

Taking into consideration the following factors I think the likelihood of someone getting wet on the slipway is very low.

- Deployable screen;
- Requirement to only undertake this activity during appropriate wind conditions;
- Getting the boats much further up the slipway; and,
- The operator being conscious of the angle and direction of the water blaster nozzle

The only risk I see of people getting wet on the walkway is if the above mitigation measures are not followed, in particular Doug will need to provide detailed training to his clients and make them aware of the sensitive nature of the surroundings.

Let me know if the attached video, plus above mitigation measures helps you in the development of a new condition, based around either mitigating the effects (not avoiding absolutely), or stating that **No** water shall end up on the walkway. I am comfortable whichever way you want to go and I know that Doug has the same view.

Thanks

Peter Stacey
BSc, GradDip(Bus), CAQP
Technical Director – Air Quality

Please note, I am working remotely. GHD's commitment to delivering for our clients remains strong, and we understand that through these uncertain times our clients need our support more than ever. I look forward to continuing our work, together.

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