
From: Stephen Chiles <stephen@chiles.co.nz>
Sent: Thursday, 10 May 2018 11:52 AM
To: Hayden Blackler
Subject: RE: South Canterbury District Health Board Resource Consent

Hi Hayden

I agree that the actual number of night flights that have occurred is a key piece of information that is needed. It would be good to get data for further back than just 2017.

I tried to explain in my letter that Edn is identical to Ldn, but just written in different units. The end result is exactly the same. By giving the Ldn values Marshall Day is meeting the requirements of the standard.

Cheers

Stephen

From: Hayden Blackler
Sent: 10 May 2018 11:27
To: 'Stephen Chiles'
Subject: RE: South Canterbury District Health Board Resource Consent

Hi Stephen,

I think a key piece of information that we need to find out is the actual number of night time movements to the site to gauge the extent of the effect, which should help determine if/what mitigation is required.

One thing Marshall Day have left out of their report is an assessment of Edn night-weighted sound exposure as required by NZS 6807:1994. Should we ask for this to be addressed by Marshall Day?

Regards,



Hayden Blackler | Planner

Timaru District Council | PO Box 522 | Timaru 7940
P: 03 687 7237 | W: www.timaru.govt.nz

From: Stephen Chiles [<mailto:stephen@chiles.co.nz>]
Sent: Wednesday, 9 May 2018 11:03 a.m.
To: Hayden Blackler
Subject: RE: South Canterbury District Health Board Resource Consent

Hi Hayden

Treating buildings will be highly dependent on individual layouts. I have not accurately located the extent over which this may be required but I suggest it is confirmed once Marshall Day has looked at potential mitigation. It is only likely to apply to the houses opposite.

Marshall Day will be aware of the more recent research. Probably just a matter for them to consider my comments in the round (including mitigation) rather than just directing them to the criteria. I note that the 70 dB LAFmax is still higher than health ideals.

Cheers

Stephen

Dr Stephen Chiles
Chiles Ltd
M: 027 519 1555
E: stephen@chiles.co.nz

From: Hayden Blackler <hayden.blackler@timdc.govt.nz>
Sent: 9 May 2018 10:45
To: 'Stephen Chiles' <stephen@chiles.co.nz>
Subject: RE: South Canterbury District Health Board Resource Consent

Thanks Stephen, I agree that the application should be publicly notified. In light of your report I'll ask the applicant to investigate potential mitigation as suggested in your report. In terms of potentially treating individual buildings are you able to identify which properties should be investigated?

Additionally would it be worth suggesting to Marshall Day that a more recent noise guideline for sleep disturbance be used?

Kind regards,



Hayden Blackler | Planner

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From: Stephen Chiles [<mailto:stephen@chiles.co.nz>]
Sent: Tuesday, 1 May 2018 9:03 p.m.
To: Hayden Blackler
Subject: RE: South Canterbury District Health Board Resource Consent

Hi Hayden

Please find my review comments attached. As you had foreshadowed, there are a number of issues that need to be resolved including mitigation. Also, "limited" notification would need to be over such a wide area that I assume full notification makes more sense.

Cheers

Stephen

Dr Stephen Chiles
Chiles Ltd
M: 027 519 1555
E: stephen@chiles.co.nz

From: Hayden Blackler <hayden.blackler@timdc.govt.nz>
Sent: 30 April 2018 14:48
To: 'Stephen Chiles' <stephen@chiles.co.nz>
Cc: Gemma Conlon <gemma.conlon@timdc.govt.nz>
Subject: RE: South Canterbury District Health Board Resource Consent

Hi Stephen,

The applicant has confirmed that we can proceed with the review. The PO number is 25562.

Kind regards,



Hayden Blackler | Planner

Timaru District Council | PO Box 522 | Timaru 7940
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From: Stephen Chiles [<mailto:stephen@chiles.co.nz>]
Sent: Monday, 30 April 2018 2:08 p.m.
To: Hayden Blackler; Gemma Conlon
Subject: RE: South Canterbury District Health Board Resource Consent

Hi Hayden/Gemma

Has the applicant confirmed whether I should proceed with this review? If so, have you got a PO number for me?

Cheers

Stephen

Dr Stephen Chiles
Chiles Ltd
M: 027 519 1555
E: stephen@chiles.co.nz

From: Stephen Chiles <stephen@chiles.co.nz>
Sent: 24 April 2018 16:59
To: 'Hayden Blackler' <hayden.blackler@timdc.govt.nz>; 'Gemma Conlon' <gemma.conlon@timdc.govt.nz>
Subject: RE: South Canterbury District Health Board Resource Consent

Hi Hayden (and Gemma)

Thanks for your observations, which I will take on board and are helpful.

I estimate that it will take me approximately 4 hours to review and provide comments.

I would conduct this on a time and materials basis under the terms and conditions of the standard short-form ACENZ/Engineering NZ contract at an hourly rate of \$230/h plus GST. This makes an estimate of \$920 plus GST.

Cheers

Stephen

Dr Stephen Chiles
Chiles Ltd
M: 027 519 1555
E: stephen@chiles.co.nz

From: Hayden Blackler <hayden.blackler@timdc.govt.nz>
Sent: 24 April 2018 16:49
To: 'Stephen Chiles' <stephen@chiles.co.nz>
Subject: RE: South Canterbury District Health Board Resource Consent

Thanks Stephen, I'll look into getting a PO number.

The South Canterbury District Health Board have asked for a price estimation before agreeing for their application to be peer reviewed. Are you able to provide an estimation?

Also I've had a quick look through the application myself and have listed a few things that you may wish to consider:

- The standards specifies that it is not intended to be utilised in relation to emergency operations or for helicopter landing pads used for less than 10 flights per month.
- The standard specifies that where noise limits in Table 1 are exceeded that land use provisions shall be implemented. However no mitigation is proposed?
- The acoustic assessment lists a number of properties on Queen Street as receiving noise above 95 db Lae. Is this correct, considering the separation and screening between these properties and the exiting helipad.
- The acoustic assessment lists a number of properties which will receive above 95 dB Lae on Domain Avenue as being effected by the proposed helipad. Considering the minor change in flight path to the proposed helipad could it be assessed that these properties will not be adversely effected by the proposed helipad?
- The acoustic assessment specifies that between 6% to 10% of properties receiving noise levels of 95 dB Lae will be awoken by night time flights. However I imagine that this percentage will be significantly more for properties on High Street given there proximity to the helipad. Do we need a specific dB Lae readings to determine this?
- The acoustic assessment does not refer to Edb night-weighted sound exposure as required by Table 1 of the standard.
- It may be worth obtaining the actual log of helicopter flights to the hospital to see if there is any seasonal fluctuations. A log to see the actual number of night time flights to the hospital may also be useful.
- Diagram 1 and Diagram 2 shows that a number of properties on High Street and South Street (that limited notification has not been requested) will experience an increase in noise level exposure. The threshold for limited notification is only minor and as such these properties may need to be notified. Additionally, considering a number of properties on Queen Street are assessed to experience sound exposure above 95DB Lae from the existing helipad shouldn't rear sections on High Street likely experience sound levels above 95DB Lae from the proposed helipad as well?

Hope the above helps, I'm actually away for the rest of week but if possible could you send a price estimation to Gemma Conlon so that this can be forwarded onto SDHB for acceptance. I've listed her details below:

gemma.conlon@timdc.govt.nz

Anyway, hope you enjoy the statutory holiday tomorrow. Feel free to contact me next week if you need anything from me.

kind regards,



Hayden Blackler | Planner

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From: Stephen Chiles [<mailto:stephen@chiles.co.nz>]
Sent: Friday, 20 April 2018 4:14 p.m.
To: Hayden Blackler
Subject: RE: South Canterbury District Health Board Resource Consent

Hi Hayden

Great. I'll review and get back to you within two weeks. Can you provide a PO number if required?

Have a great weekend.

Cheers

Stephen

Dr Stephen Chiles
Chiles Ltd
M: 027 519 1555
E: stephen@chiles.co.nz

From: Hayden Blackler <hayden.blackler@timdc.govt.nz>
Sent: 20 April 2018 15:50
To: 'Stephen Chiles' <stephen@chiles.co.nz>
Subject: RE: South Canterbury District Health Board Resource Consent

The application is actually on hold in accordance with SA.92(2)(b) of the RMA so that a peer review of the acoustic assessment can be carried out so there is no real urgency in terms of meeting our statutory timeframes at this stage. If you are able to carry out your initial assessment within the next two or three weeks that would be fine.

Regards,



Hayden Blackler | Planner

Timaru District Council | PO Box 522 | Timaru 7940
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From: Stephen Chiles [<mailto:stephen@chiles.co.nz>]
Sent: Friday, 20 April 2018 3:34 p.m.
To: Hayden Blackler
Subject: RE: South Canterbury District Health Board Resource Consent

Hi Hayden

Thanks a lot for coming to me to review this application. Annoyingly I'm completely chocked full for the next week so would not be able to turn this around quickly. I assume for statutory timeframes you'd need this back reasonably soon?

Please shout if you need contact details for other consultants who might be able to get on to this a bit quicker.

Cheers

Stephen

Dr Stephen Chiles
Chiles Ltd
M: 027 519 1555
E: stephen@chiles.co.nz

From: Hayden Blackler <hayden.blackler@timdc.govt.nz>
Sent: 20 April 2018 15:23
To: 'Stephen Chiles' <stephen@chiles.co.nz>
Subject: South Canterbury District Health Board Resource Consent

Hi Stephen,

I'm just enquiring into your availability to peer review an acoustic assessment submitted with a resource consent application. The resource consent is from the South Canterbury District Health Board and is in relation to establishing a helicopter landing pad adjacent to a residential area. I've attached a copy of the resource consent application for your reference.

If you are available could you please get back to me with a timeframe and price estimation for your work.

Please note that the applicant has requested for the application to be notified to the several nearby residence.

Many thanks,



Hayden Blackler | Planner

Timaru District Council | PO Box 522 | Timaru 7940
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