

BEFORE THE PALMERSTON NORTH CITY COUNCIL

UNDER

The Resource Management Act 1991 (RMA)

AND

IN THE MATTER

of a review under s 128(1)(c) of the conditions of consent applying to the TRH, North Range Road, Palmerston North


RESPONSE BY PALMERSTON NORTH CITY COUNCIL TO NEW ZEALAND WIND FARM LIMITED'S PROPOSED CONDITIONS IN ACCORDANCE WITH HEARING MINUTE DATED 21/09/2017 AT [11]


Dated: 17 October 2017



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Context

1. This is the Council's response to the conditions proposed by NZWL filed by email on 10/10/2016 in accordance with [10] of the Hearing Minute dated 21/09/2017. All references to NZWL's conditions is to the full change version (attached as **Schedule 2**) not the strikethrough version in green that does not show all deletions. The Schedule 2 version also contains relevant comments from NZWL explaining changes.

Overview

2. The most significant changes by NZWL compared with those supplied as V3 on midday Tuesday 12 September 2017 are the following:
 - (a) The addition of special *Augier* conditions relating to T103 and T104. These are conditions 5A-5D and are presented on the basis that the Panel accepts that the noise limits in condition 4 have a threshold wind speed of 6m/s not 8m/s; and
 - (b) Removal of proposed condition 8.4 as amended by agreement of the acoustic consultants at the hearing; and
 - (c) Changes to conditions [12] *et seq* relating to what was known as Stage 4; and
 - (d) Changes in relation to the peer reviewers appointment; and
 - (e) Deletion of condition 12.4 as it then was (the deletion is shown in red in Schedule 2).
3. Attached as **Schedule 1** is a table with the Council's recommended changes provided as a provisional response recognizing it has not considered all submitter feedback at this time.
4. Brief comments in relation to the significant changes by NZWL are set out below.

New Conditions 5A-5D

5. The recent joint statement of acoustic experts is self-explanatory.
6. The Council considers that the proposed new conditions 5A-5D (option 1) would (if properly worded) provide a superior level of amenity than option 2 that involves an 8m/s threshold. The

Council considers that its original recommendation of an 8m/s threshold is justified for the reasons given at the hearing. The Council in supporting conditions 5A-5D relies on the feedback supplied by residents, and the Council's understanding from NZWL that Dr Huffman-Devy prefers option 1. If option 1 is selected the Council would prefer that the Panel approve that option on the basis that it is superior to option 2 and but for option 1 being offered, the Panel would have selected option 2.

7. There are amendments proposed in Schedule 1 to the suite of *Augier* conditions because there are some problems with all of them and some serious ambiguity in 5C by reason of poorly thought precedence in the qualifying conditions. Indeed the Council's team had three different interpretations of the draft Condition 5 C. The advice note to 5A suggests curtailment without a new gearset is possible but the new gearset was a key part of Option 1 and curtailment is supplementary to not in substitution for a new gearset. Curtailment is a fall-back if the 'fix' does not achieve the specified numerical standards for acoustic emissions in all wind conditions.

Condition 8.4 and Penalty Assessment

8. The Council considers it important to reinstate condition 8.4 as agreed between the acoustic experts at the hearing. Please refer to the accompanying comments to NZWLs conditions. This approach – rather than the one in the s 42A report with a prescriptive approach to data divisions for penalty imposition and the impact on the regression curve - responded to the point by Commissioner Burgemeister (and accepted by Dr Chiles as at least implicitly provided for in NZS 6808:2010) that it is desirable to have reasonable flexibility in deciding how data should be collated, penetrated, dissected and attributed in response to the presence of SACs causing annoyance e.g by bin analysis. The proposed condition in Schedule 1 is slightly tweaked from that proposed jointly by Mr Halstead and Mr Evans. It also provides an objective standard in the event of dispute. The explicit recognition of this assessment methodology is considered important by Mr Evans.
9. The sister provision also deleted by NZWL – condition 11.5 – should also be reinserted with slight tweaking to show the relationship to condition 8.4.

Stage 4 – Unconstructed Turbine Sites

10. The Council supports the use of the figure in Schedule 1 and the reference to identified unbuilt sites for the purpose of identifying when condition 12 applies but prefers the terminology “WTG sites” to correspond with NZS 6808:2010 and its use of the acronym “WTG”.

Appointment of Peer Reviewer

11. Condition 11 and condition 12A.5A.3 in NZWL’s now state that the peer reviewer will be appointed by the consent holder. That is not acceptable to the Council. The peer reviewer must be appointed by the Council and be perceived to be an independent person. Based on the matters of assessment involved in determining compliance, including the assessment required by proposed condition 8.4, this independence is important.

Condition 12.4

12. Because any uncertainties should be stated in the acoustic assessment supplied under condition 12 as directed by IEC 61400, and the WTGs must perform in accordance with that uncertainty the Council asks that condition 12.4 be retained.
13. The Council supports clause 12.4 in the NZWL’s amended conditions for post-installation assessment of compliance with sound power levels.

Additional Conditions

14. The Council proposes additional conditions, for the Commissioners' consideration, in Schedule 1 regarding:
 - (a) Continuous noise monitoring; and
 - (b) Complaint management.
15. The continuous monitoring condition will replace condition 16 in Schedule 2.
16. The wording is provisional and will be finalised in the Council's final version of conditions supplied in accordance with [12] of the Minute.

Submitters Feedback

17. The Council is still digesting the submitter feedback and will respond in accordance with [12] of the Minute.

Going Forward

18. Some minor adjustments to the timetable will perhaps enable the consent holder and the Council to narrow the differences further.



John Maassen

SCHEDULE 1

Summary of Council’s Position on Key Changes to Conditions Proposed by NZWL on 10 October 2017

Condition Number	PNCC Comment and Changes
Condition 4	<p>Change the words <i>“in existence at the time this Consent was granted on 30 May 2005”</i> to <i>“in existence on or before 30 May 2009”</i>.</p> <p>30 May 2009 is the date that Stage 2 was completed and complaints began in earnest. Before then people could have expected compliance with the Noise Impact Assessment Report in the AEE.</p> <p>See EC decision [2012] NZEnvC 133 at [27] – [28]. Vol 1 Common Bundle</p>
Condition 5	<p>Change the words <i>“in existence at the time this consent was granted on 30 May 2005”</i> to <i>“in existence on or before 30 May 2009”</i>.</p> <p>See above.</p>
Condition 5A	<p>Change condition 5A as follows:</p> <p><i>“5A By 1 December 2017 the WTGs identified as T103 and T104 must be operated so that when measured in accordance with IEC61400-11:2012:</i></p> <p style="padding-left: 40px;"><i>5A.1 The sound power level of each turbine does not exceed 104.2dBA; and</i></p> <p style="padding-left: 40px;"><i>5A.2 The WTGs do not produce tonal audibility greater than 4dB at wind speeds between 6m/s and 10m/s.</i></p> <p><i>Advice Note: For the avoidance of doubt this is intended to be achieved by upgrading the Stage 3 gearset in T104. However, this condition may be achieved in part by curtailing WTG operation in addition to a gearset upgrade.”</i></p>

Condition 5B	<p>Change condition 5B so that it reads:</p> <p><i>“5B By 30 January 2018 the consent holder must provide PNCC a post T103 and T104 gearset upgrade report that describes the mechanical changes and demonstrates compliance with condition 5A and includes:</i></p> <p><i>5B.1 Test results for the sound power levels and tonal audibility values of T103 and T104 measured in accordance with IEC 61400-11:2012; and</i></p> <p><i>5B.2 Identifies any curtailment procedures necessary for ensuring compliance with the noise limits in condition 5A.”</i></p>
Condition 5C	<p>Change condition 5C so that it reads:</p> <p><i>“5C If the wind direction falls within the south easterly quadrant (i.e. 90 to 180 degrees) in summer (i.e. between 1 December and 31 March inclusive) during the following times:</i></p> <p><i>5C.1 During weekends and public holidays from 6am until 10pm; or</i> <i>5C.2 On weekdays from 6pm to 10pm.</i></p> <p><i>then the consent holder must curtail operation of the WTGs identified as T103 and T104 so that neither WTG operates until the one minute average wind speed exceeds 9 m/s</i></p>
Condition 5D	<p>Change condition 5D so that it reads:</p> <p><i>“5D The consent holder must complete a post summer compliance report certified by a duly authorised representative of the consent holder and approved by a peer reviewer nominated by NZWL who is acceptable to the Council. The compliance report must be submitted to PNCC by 30 April each year and must provide reasonably sufficient technical operating data to demonstrate compliance with condition 5C.”</i></p>

Condition 8.4	<p>Insert a condition 8.4 so that it reads:</p> <p><i>8.4 Where penalties apply for one or more data points at a residence, a separate assessment must be undertaken of the measured wind farm noise levels for the conditions under which the penalties occur. The separate assessment must reasonably consider and provide for the following in selecting the conditions for analysis:</i></p> <ul style="list-style-type: none"> <i>a) The time of day under which the characteristics occur.</i> <i>b) The wind directions under which the characteristics occur.</i> <i>c) The wind speeds under which the characteristics occur.</i> <p><i>Where different characteristics occur that attract penalties, separate assessments shall be conducted for each characteristic.</i></p> <p><i>For any assessments required to fulfil Condition 8.4, the minimum data point requirements defined in Condition 7.5 do not apply.</i></p> <p><i>Where characteristics that attract penalties occur for a limited wind speed range, then bin analysis should be considered and applied where it is reasonable to do so as described in C7.4.2 of NZS 6808:2010 having regard to reported levels of annoyance.</i></p>
Condition 11	<p>Change the first sentence in condition 11 so that it reads:</p> <p><i>“The post-amendment noise compliance assessment is to be independently peer reviewed by an acoustic expert appointed by PNCC.”</i></p>
Condition 11	<p>Reinsert as 11.4</p> <p><i>11.4 If special audible characteristics occur at residences then provide analysis sufficient to reasonably address the requirements of condition 8.4</i></p>
Condition 12.4	<p>Insert condition 12.4 as originally proposed in the s 42A Report so that it reads:</p> <p><i>“When installed, the new WTGs must not exceed (allowing for measurement uncertainty) the sound power level stated in the Acoustic Assessment at 12.3. Sound power levels are to be measured and measurement uncertainty is to be quantified in accordance with IEC 61-400 XI Edition 3.”</i></p>

Condition 12.4 as contained in NZ Windfarms final version of conditions	Renumber as condition 12.5.
Condition 12.5A.3	Amend condition 12.5A.3 so that it is renumbered and reads: <i>“Be independently peer reviewed by an acoustic expert appointed by PNCC in accordance with the process set out in condition 11.”</i>
Amend Condition 44	Amend Condition 44 so that it reads <i>The consent holder must pay PNCC all actual and reasonable costs pursuant to RMA, s 36, in relation to any administration, monitoring and inspection relating to these consents, and charges fixed by regulation, including the costs of peer reviewing where required.</i>

Additional Conditions Proposed by PNCC

Condition Type	Condition Wording
Continuous Monitoring Condition	<ol style="list-style-type: none"> 1. <i>Within six months of this consent being granted, the consent holder shall install a Noise Monitoring Terminal (NMT) at an appropriate location approved by PNCC that is representative of residences in the High Amenity area. The selection of the monitoring location must be approved by PNCC prior to installation of the NMT.</i> 2. <i>The NMT must operate for the duration of the operation of the wind farm and must store:</i> <ol style="list-style-type: none"> a) <i>Measured noise levels as required by NZS 6808:2010.</i> b) <i>Sufficient data to enable a later assessment of SACs, should that be required.</i> 3. <i>Data collected by the NMT shall be used to respond to noise complaints received, where this is an appropriate response to the complaint.</i> 4. <i>A report summarising the performance of the NMT during each calendar year is to be provided by 28 February of the following year to the satisfaction of PNCC. At a minimum, the report shall detail:</i> <ol style="list-style-type: none"> a) <i>The location of the NMT.</i>

	<ul style="list-style-type: none"> b) <i>Confirmation that the NMT was operating with sufficient accuracy as required by NZS 6808:2010.</i> c) <i>The total number of hours of data collected by the NMT during the calendar year.</i> d) <i>A summary of times during which the NMT was not operating, an explanation of the reasons for this and any measures that have been implemented to prevent similar occurrences in the future.</i> e) <i>A summary of the results of any investigations undertaken in response to a complaint that have used data collected by the NMT.</i>
<p><i>Complaint Management Procedure Condition</i></p>	<ol style="list-style-type: none"> 1. <i>Within three months of this consent being granted, the consent holder must submit a Complaint Investigation and Response Plan for the approval of PNCC. When approved, the plan will be endorsed by PNCC and will then form part of this consent. The Complaint Investigation and Response Plan will be designed to respond to all aspects of the wind farm, but primarily operational noise.</i> 2. <i>The approved Complaint Investigation and Response Plan must be made publicly available on a dedicated and up to date website maintained by the consent holder.</i> 3. <i>The Complaint Investigation and Response Plan must be prepared in accordance with Australian / New Zealand Standard AS/NZ10002:2014 – Guidelines for complaint management in organisations and shall include:</i> <ul style="list-style-type: none"> a) <i>A process of investigation to resolve a complaint;</i> b) <i>A requirement that all complaints will be recorded in an incidents register;</i> c) <i>A toll free telephone number and email contact for complaints and queries;</i> d) <i>Details of the appropriate PNCC contact telephone number and email address;</i> e) <i>A table outlining complaint information to be recorded for each complaint received, including:</i> <ul style="list-style-type: none"> i. <i>the complainant’s name;</i> ii. <i>the complainant’s address;</i> iii. <i>a receipt number for each complaint which is to be communicated to the complainant;</i> iv. <i>the time, prevailing conditions and description of the complainant’s concerns including the potential incidence of special audible characteristics</i> v. <i>the process of investigation to resolve the complaint.</i> f) <i>A procedure for maintaining a complaint register throughout the operation of the wind farm;</i>

	<p><i>g) A procedure for making any compliance noise monitoring reports required under this consent which have been provided to the Council available on the website.</i></p> <p><i>h) A procedure for refinement and improvement of the Complaint Investigation and Response Plan through operation of the wind farm.</i></p> <p><i>4. Following approval of the plan from PNCC, the consent holder must implement and comply with the Complaint Investigation and Response Plan for the duration of the operation of the wind farm.</i></p>
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Schedule 2

NZ Windfarms Final Version of Conditions

Note:

- Conditions included in the PNCC notice of review is used as the base document.
- Matters highlighted in **blue** are changes proposed in the strikethrough version of conditions attached to Mr Auckram's evidence.
- Matters highlighted in **yellow** are subsequent changes proposed in the strikethrough version of conditions attached to Mr Low's evidence.
- Matters highlighted in **green** are additional changes agreed in the First Acoustic Joint Statement.
- Matters highlighted in **grey** are additional changes agreed in the Planning Joint Statement.
- Matters highlighted in **red** are changes proposed in the conditions attached to Mr Low's evidence where there is no agreement.
- **Matters in red text are changes addressed by Mr Low in his presentation.**
- **Matters in green text are post hearing changes suggested by NZ Windfarms.**

1. The proposed Te Rere Hau Wind Farm must be constructed and operated generally in accordance with all the information, site plans and drawings accompanying the application or submitted as additional information, except the noise predictions accompanying the original application. The relevant noise standards for the Te Rere Hau windfarm are set out in conditions 4-12 of this consent. Each turbine shall be located within a 20m radius of its nominated coordinates as outlined in the Application (contained on File No: N21/PLN – Plans drawn by Connell Wagner drawing number 101E, 3A).

Advice Note: (a) the ability to alter the specific location of each turbine within a 20m radius is to provide for likely movement related to detailed design layout and the recommendations made in the Applicant's ecologist's report; and (b) non-reflective finishes shall be used and be maintained in such a manner to prevent blade glint and to assist in reducing the prominence of the turbines when viewed from a distance.

Noise (General)

2. Noise from all construction and decommissioning work including (but not limited to):
 - (a) site works;
 - (b) wind turbine generator (WTG) foundation construction;

- (c) WTG assembly and placement;
- (d) WTG removal;
- (e) foundation demolition and removal; and
- (f) land reinstatement

shall be measured, assessed and controlled using NZS 6803:1999 Acoustics – Construction Noise. The noise limits shall be those set out in Table 2 of NZS 6803:1999 for works of a “long term” duration.

3. Noise from all other activities (other than WTG operation and construction activities) shall not exceed the following limits at or within the boundary of any land (other than the wind farm site or a road):

7:00am to 10:00pm	50dBA L10
10:00pm to 7:00am	40dBA L10 and 70dBA Lmax

Sound levels shall be measured in accordance with New Zealand Standard NZS 6801:1999 *Acoustics – Measurement of Environmental Sound* and assessed in accordance with NZS 6802:1991 – *Assessment of Environmental Sound*.

WTG Noise Management

Operating limits

4. From the date 12 months after the commencement of this condition under section 116(1) of the RMA, the wind farm shall operate such that when measured within the notional boundary of any residential dwelling for residences in existence at the time this consent was granted on 30 May 2005 that is are within the Rural Residential Overlay mapped in the Palmerston North District Plan as notified in Plan Change 15, the wind farm shall operate such that wind farm noise does not exceed the greater of:

- 4.1 35 dB(A); OR
- 4.2 The background noise level plus 5 dB(A).

This condition only applies from a period beginning twelve months after the conditions have been amended pursuant to PNCC’s review under RMA, s 128(1)(c), from 7pm to 7am during evening and night time, up to a hub height wind speed of 6.8 m/s and where the difference between operational and background noise levels is greater than 8 dB(A) in

Comment [NZWF1]: Change proposed in response to the Hearings Panel’s suggestion that there is “standard” wording to cover off this concept (i.e. the condition not applying until a certain period after the condition is operative).

Comment [NZWF2]: As above.
Comment [NZWF3]: NZ Windfarms proposes condition 4 apply up to a hub height windspeed of 6 m/s + new conditions 5A, 5B, 5C and 5D set out below.
 For the avoidance of doubt, if condition 4 were to apply up to a hub height windspeed of 8 m/s NZ Windfarms does not offer conditions 5A, 5B, 5C and 5D on a Augier basis or support their inclusion.

accordance with Section C5.3.1 of NZS 6808:2010, otherwise condition 5 applies.

~~This condition does not apply to any property owned by the Consent Holder, or which has a covenant in favour of the Consent Holder, or is owned by a home owner who has confirmed in writing that they consent to this condition not applying to their dwelling~~

~~This condition does not apply to the dwellings on Lot 1 DP 20911 (130 Harrison Rd), Lot 2 SP 85413 (629 Pahiatua Track) and Lot 1 DP 85413 (631 Pahiatua Track).~~

5. Subject to condition 4, the wind farm shall operate such that when measured ~~at~~ within the notional boundary of ~~any~~ residential ~~dwelling~~ in ~~existence at the time this consent was granted on 30 May 2005~~, the wind farm noise does not exceed the greater of:

5.1 40 dB(A); OR

5.2 The background noise level plus 5 dB(A).

~~This condition does not apply to any property owned by the Consent Holder, or which has a covenant in favour of the Consent Holder, or is owned by a home owner who has confirmed in writing that they consent to this condition not applying to their dwelling.~~

~~This condition does not apply to the dwellings on Lot 1 DP 20911 (130 Harrison Rd), Lot 2 SP 85413 (629 Pahiatua Track) and Lot 1 DP 85413 (631 Pahiatua Track).~~

T103 and T104

- 5A. By 1 December 2017 T103 and T104 shall be operated such that when measured in accordance with IEC61400-11:2012:
5A.1 The sound power level of each turbine does not exceed 104.2dB_A;
and
5A.2 The turbines do not produce tonal audibility greater than 4dB at wind speeds between 6m/s and 10m/s.

Advice Note: For the avoidance of doubt this is intended to be achieved by upgrading the Stage 3 gearset in T104. However, this condition may be achieved by curtailing turbine operation.

- 5B. By 30 January 2018 the consent holder shall provide PNCC a post T103 and T104 gearset upgrade report that demonstrates compliance with condition 5A and includes:

Comment [NZWF4]: As outlined above, NZ Windfarms offers conditions 5A, 5B, 5C and 5D on the basis that condition 4 apply up to a hub height windspeed of 6 m/s.

5B.1 Test results for the sound power levels of T103 and T104 measured in accordance with IEC 61400-11:2012; and

5B.2 Identifies any curtailment procedures necessary for ensuring compliance with the noise limits in condition 5A.

5C. The consent holder will curtail operation and T103 and T104 such that the turbines will not start until the one minute average wind speed exceeds 9 m/s during summer (defined as 1 December until 31 March inclusive) when the wind direction falls within the south easterly quadrant (90 to 180 degrees) during the following times:

5C.1 During weekends and public holidays from 6am until 10pm; and

5C.2 On weekdays from 6pm to 10pm.

5D. The consent holder shall complete a post summer compliance report which will be submitted to PNCC by 30 April each year which provides technical operating data to demonstrate compliance with condition 5C.

6. For the purposes of Condition 4 and Condition 5, the background noise level used to establish noise limits should not be influenced by noise from the Te Rere Hau Extension or any other wind farm.

Windfarm noise, assessment and measurement

7. Wind farm noise is to be measured and assessed in accordance with NZS 6808:2010 subject to the specific requirements **and** set out below that prevail in the event of conflict:

7.1 Noise levels are to be assessed over the 30m height wind speed range from 5.5 m/s to 15.5 m/s;

7.2 The operational and background noise levels are to be assessed for ~~the night time period only. Night time is defined as~~ the period ~~from~~ 1 hour after sunset to 1 hour before sunrise only;

7.3 The operational and background noise levels are to be individually assessed for each of the following wind sectors:

7.3.1 WNW – 270° to 315° relative to true north;

7.3.2 NNW - 315° to 360° relative to true north;

7.3.3 SSE - 135° to 180° relative to true north;

7.3.4 ESE - 90° to 135° relative to true north.

7.4 Any data points collected under any of the following circumstances are to be excluded from the assessment:

7.4.1 Less than 95% of the WTGs are online and available for generation. That is, more than 5% are offline for maintenance or due to failure;

7.4.2 Less than 9 of the nearest 10 WTGs to a measurement location are online and available for generation;

7.4.3 Either T103 or T104 (or both) are not online and available for generation (for Harrison Hill Road, 428 Pahiatua-Aokautere Road and Ridgeview Road measurement locations only).

Any WTGs that are not operating, or have been curtailed, as a noise reduction measure for particular wind conditions shall be considered to be online and available for generation for those conditions. However which WTGs are not operating and which are curtailed must be reported in the post compliance assessment under condition 10.6.

7.5 At least:

7.5.1 200 valid data points are to be collected for each WNW and NNW wind direction sectors; and

7.5.2 350 valid data points are to be collected cumulatively across the SSE and ESE wind direction sectors and at least 150 data points must come from across each of these sectors;

unless this is not reasonably practical, at the discretion of PNCC, due to the wind characteristics of the site's met mast.

Comment [NZWF5]: Additional text proposed to clarify any uncertainty on where the problematic wind characteristics may be present.

8. The following procedure shall be assessed separately for each wind direction sector and only for the night time period (1 hour after sunset to 1 hour before sunrise).

8.1 If a tone that attracts a penalty in accordance with NZS 6808:2010 and is attributable to the wind farm is detected in any two-minute period at a residence, then the penalty shall be applied to the 10-minute data point in which that period occurs. If multiple tones that attract a penalty are detected for a 10-minute data point, then the highest penalty shall be applied;

8.2 If average amplitude modulation exceeding 3 dB is detected for any 10-minute period in accordance with the UK Institute of Acoustics amplitude modulation metric, then a penalty shall be applied to that 10-minute period in accordance with the penalty scheme detailed in the UK Department of Environment and Climate Change Wind Turbine AM Review – Phase 2 Report dated August 2016;

8.3 The total penalty for any 10-minute **data point** shall not exceed 6 dB in accordance with NZS 6808:2010;

~~8.4 If less than 10% of the data points within a 1 m/s wind speed bin attract a penalty, then the 10-minute data points, including penalty, shall be included in the data for the assessment of the overall noise level;~~

~~8.5 If 10% or more of the data points within a 1 m/s-wide wind speed bin attract a penalty, then the arithmetic average penalty for those penalised data points shall be determined and applied to the overall measured wind farm noise level for that wind speed;~~

~~8.4 Where penalties apply for one or more data points at the residence, a separate assessment shall be undertaken of the measured wind farm noise levels for the conditions under which the penalties occur. Depending on the occurrence of the characteristic, this may need to consider specific wind speeds, finer time periods than defined in Condition 7.2 and narrower wind direction sectors than defined in Condition 7.3. For any assessments carried out to fulfil this Condition, the minimum data point requirements defined in Condition 7.5 do not apply.~~

~~Note: where different characteristics occur that attract penalties, it may be necessary to conduct separate assessments for each characteristic.~~

9. For the purposes of any background or operational noise monitoring, all noise data is to be referenced to 30 m height wind speeds, and 28 m height wind directions, as measured at the Te Rere Hau Wind Farm western meteorological mast.

Post amendment noise compliance assessment

10. A compliance noise monitoring report **for the existing 65 Te Rere Hau WTG's** shall be submitted to PNCC within twelve months of **the commencement of this condition under section 116(1) of the RMA** ~~the conditions being amended pursuant to PNCC's review under RMA, s 128(1)(c) to demonstrate compliance with those amended conditions.~~ The report shall **be prepared in accordance with NZS6808:2010 and may use existing**

Comment [NZWF6]:

NZ Windfarms opposed these provisions at the hearing for the reasons set out in Dr Chiles' and Mr Halstead's evidence and still considers them unnecessary for those reasons. It does not consider it necessary or reasonable to apply a penalty to an entire wind speed and direction sector based on a certain threshold of data points being penalisable.

Therefore, NZ Windfarms does not support an alternative condition of the type proposed by Mr Evans in his closing (see below), or of the type discussed orally during the hearing involving an objective and specified process for analysing the data with a view to identifying the outcome which best achieves that objective.

Comment [NZWF7]: This alternative version of condition 8.4 was proposed by Mr Evans in his closing. It was supported by Mr Halstead as being preferable to proposed conditions 8.3 and 8.4 (but Mr Halstead still considered it unnecessary)

For the reasons outlined above in respect of conditions 8.4 and 8.5, NZ Windfarms does not support this condition.

Comment [NZWF8]: Change proposed in response to the Hearings Panel's suggestion that there is "standard" wording to cover off this concept.

monitoring data collected before PNCC's review, and any further monitoring data which has been collected following the review using the on/off method or any other method provided for in NZS6808:2010. The report must ~~that~~ details:

- 10.1 The results of the noise monitoring conducted at, as a minimum, the following 6 locations:
 - 10.1.1 104 Harrison Hill Road;
 - 10.1.2 428 Pahiatua-Aokautere Road;
 - 10.1.3 48 Ridgeview Road;
 - 10.1.4 38 Ridgeview Road;
 - 10.1.5 367 Forest Hill Road;
 - 10.1.6 662 Pahiatua-Aokautere Road.

Advice Note: For the purposes of condition 10 above, where further background sound measurement is required, this consent does not require that any other existing windfarms need be turned off. Clause C5.6.3 in NZS6808:2010 provides an accepted method for calculating the background sound level excluding noise from other existing windfarms.

- 10.2 Alternative representative monitoring locations to those listed in 10.1.1 – 10.1.6 may be used if for any reasons unimpeded and safe access is not provided to one or more of the above locations and the alternative location is approved by PNCC. If an alternative representative monitoring location is to be used the consent holder shall provide the consent authority with written notice of the alternative representative location for approval in a technical certification capacity. The written notice shall contain:
 - 10.2.1 the location of the alternative representative location;
 - 10.2.2 the reason for using the alternative representative location; and
 - 10.2.3 a statement from a suitably qualified and experienced acoustic expert which outlines why the alternative representative location is a suitable replacement for the site(s) in condition 10.1 to which the consent holder is unable to obtain unimpeded and safe access.

10.3 Objective tonality and amplitude modulation assessments conducted over the range of wind speeds and wind directions defined in Condition 7.

10.4 Where near field tonality assessments are used to support the tonality assessment at the residence, the consent holder shall ensure that the relevant tones are considered at the residence. near field tonality assessments shall also consider the wind speeds and wind directions defined in Condition 7.

10.5 A conclusion as to the compliance, or otherwise, of the wind farm.

10.6 The identification of any mitigation measures required to achieve compliance (including keeping turbines curtailed or off line) and:

10.6.1 Evidence that these measures have been implemented;

10.6.2 Demonstration to the satisfaction of the Council of the steps taken to ensure that these measures will continue to be implemented during operation of the windfarm; and

10.6.3 All other information as required by NZS 6808:2010.

10.7 If any mitigation measures are identified within the compliance noise monitoring report, then evidence shall be provided that these measures have been applied at all times of day, unless justification is provided within the compliance noise monitoring report as to why the mitigation measures should be limited to specific times of day. This is not intended to suggest that mitigation required in order to meet the high amenity noise limit should also be applied during hours when that does not apply.

11. The post-amendment noise compliance assessment is to be independently peer reviewed by an acoustic expert appointed by the consent holder and acceptable to PNCC. The peer review shall be required to consider whether the report satisfactorily demonstrates compliance with the consent conditions, including, but not limited to consideration of whether the assessment:

11.1 Adopts noise limits as required by Condition 4 and Condition 5;

11.2 Provides evidence that background noise levels used to set noise limits are not influenced by noise from other wind farms;

11.3 Is based on sufficient data to fulfill the requirements of Condition 7;

Comment [NZWF9]: Additional text added to make it clear it is NZ Windfarms that appoints the peer reviewer, but that the choice of peer reviewer must be acceptable to PNCC.

11.4 Includes an objective assessment of Special Audible Characteristics at the residences over the range of wind speeds and directions required and, where near field test results from the WTGs are used to support this, considers appropriate wind speeds and wind directions at the residence;

11.5 If Special Audible Characteristics occur at residences, separately considers the wind/time conditions under which they occur;

11.6 If required, provides evidence that appropriate curtailment measures have been implemented to comply with the noise limits in Condition 4 and Condition 5;

Stage 4 Unconstructed Turbine Sites

12. Prior to the installation of any new WTG at a turbine site shown as Unbuilt (PNCC) in Schedule 1 to this consent the site beyond the 65 already constructed as at 1 November 2016:

12.1 Compliance must have been demonstrated to have been achieved for the 65 installed WTGs at the site in accordance with Conditions 4 to 8, or if an existing WTG is relocated to an existing vacant site it must be demonstrated there is compliance after reconfiguration with Conditions 4 to 8;

12.2 An acoustic assessment of the proposed additional WTGs must be submitted to PNCC for approval prior to construction demonstrating that predicted noise levels for the revised windfarm layout all stages, including the extension, will achieve compliance with the consent conditions;

12.3 The acoustic assessment should, as a minimum:

12.3.1 Provide predicted wind farm noise levels from all WTGs at the site, including the Extension WTGs. The predictions should be validated on the basis of measurements taken from the currently installed WTG's ~~at~~ on Te Rere Hau;

12.3.2 Provide evidence supporting the assumed sound power levels for the new Stage 4 WTGs to be located on Unbuilt (PNCC) turbine sites. This should include sound power test data for the WTGs. Sound power levels are to be measured in accordance with IEC 61400-11:2012;

12.3.3 Provide justification as to why the addition of the new WTGs on Unbuilt (PNCC) turbine sites would not result in Special Audible Characteristics at residences that would attract a

Comment [NZWF10]: The additional text in condition 11 was proposed by Mr Evans in his closing. NZ Windfarms supports its inclusion, except for 11.5 which is unnecessary as it is directly related to the alternative version of condition 8.4 proposed by Mr Evans in his closing which NZ Windfarms oppose.

Comment [NZWF11]: NZ Windfarms provided an accurate Figure on 22 September in response to paragraph 6 of the Hearings Panel minute. That figure showed constructed and vacant turbine sites at TRH.

Various changes are made to condition 12 so it refers to that figure, rather than "stage 4" which is not a defined and certain concept.

penalty. This should have reference to measurement results from the currently installed WTGs at Te Rere Hau.

~~12.4 When installed, the new WTGs must not exceed (allowing for measurement uncertainty) the sound power levels stated in the acoustic assessment at 12.3. Sound power levels are to be measured and measurement uncertainty is to be quantified in accordance with IEC 61400-11 Edition 3.~~

~~12.4 A Stage 4 sound power monitoring compliance report shall be provided to PNCC within 3 months of installation of additional WTGs. If the installation is itself staged, then a compliance report shall be provided within 3 months of each stage. The compliance report shall present test results from a minimum of 2 WTGs, unless only 1 additional WTG has been installed in which case only that WTG need be tested. PNCC must approve the WTGs selected for testing prior to the commencement of testing.~~

~~12.4 Prior to commissioning any Stage 4 WTG on an Unbuilt (PNCC) turbine site the consent holder shall provide to PNCC a pre-commissioning compliance report prepared by a suitable qualified and experienced acoustic expert which:~~

~~12.4.1 Includes test results for the sound power levels of a minimum of 2 representative WTGs installed on these the Unbuilt (PNCC) turbine sites measured in accordance with IEC 61400-11:2012, unless only 1 additional WTG has been installed in which case only that WTG need be tested. Where more than 2 WTGs are installed, PNCC must approve the WTGs selected for testing prior to the commencement of testing.; and~~

~~12.4.2 Identifies any further procedures necessary for ensuring compliance with the noise limits in conditions 4 to 8 should the these sound power levels measured in accordance with condition 12.4.1 be greater than not-align with those predicted in condition 12.3.2. included in the acoustic assessment required by condition 12.3.~~

12.5 Following the installation of the additional WTGs, compliance monitoring should be conducted again to demonstrate compliance of the whole site including TRH extension with conditions 4 – 8 and the compliance monitoring report referred to in condition 10 should be re-submitted to PNCC.

12.5A A post commissioning Stage 4 compliance monitoring report shall be provided to PNCC within 12 months of installation of the additional WTGs on Unbuilt (PNCC) turbine sites. The post commissioning compliance monitoring report shall which:

Comment [NZWF12]: This alternative version of condition 12.4 was supported by Mr Lloyd and Mr Evans in the First Acoustic Joint Statement.

NZ Windfarms does not support this version, and prefers the alternative version set out below.

Comment [NZWF13]: NZ Windfarms supports this version of condition 12.4. It is the version produced by Mr Low in his presentation to the Hearings Panel, with selected amendments to address matters raised by the Panel during questioning.

12.5A.1 Addresses all the matters required of the post review compliance monitoring report in Condition 10;

12.5A.2 Address any further procedures identified under condition 12.4.2 when fulfilling the requirements of conditions 10.6 and 10.7;

12.5A.3 The Stage 4 compliance monitoring report is to be independently peer reviewed by an acoustic expert appointed by the consent holder and acceptable to PNCC in accordance with the process set out in condition 11.

- 12.6 Should the additional WTGs be installed on Unbuilt (PNCC) turbine sites in multiple stages, then compliance monitoring must be undertaken following each stage.

Comment [NZWF14]: These changes are proposed to address the Hearings Panel's suggestion that the post commissioning compliance monitoring report should be required to address any mitigation measure identified in condition 12.4 as being necessary if the measured sound power level of turbines is higher than predicted.

Reference to the peer reviewer being appointed by the consent holder is also added for the reasons set out in respect of condition 11 above.

General management and reporting

13. The consent holder shall submit an annual report for the year ending 31 December to the PNCC Environmental Compliance Manager by 28 February the following year which:
- 13.1 Identifies all alterations made to turbines during the year which may have the potential to either increase the noise levels from any WTG, or change / introduce special audible characteristics from any WTG in an adverse way, including replacement of gearboxes and / or generators, replacement of blades, new blade profiles, and changes to the isolation between gearboxes and / or generators and the turbine structure; and
- 13.2 Includes a statement from a suitably qualified and experienced acoustic consultant that identifies, and characterises any of those changes.
14. The Consent Holder shall maintain the turbines in good condition at all times and shall undertake appropriate regular servicing in accordance with industry practice.
15. The Consent Holder shall advise PNCC if there is any material change to the noise emissions from the WTGs from the emissions existing at the time these conditions were amended by a review under s 128(1)(c) as a result of wear and tear.

Contact and Complaints Procedure

16. At all times the Consent Holder shall maintain a dedicated and up to date website which makes the following information available to the public:

16.1 a specified point of contact and local telephone number for the public to contact in respect of Te Rere Hau wind farm operations;

16.2 any compliance noise monitoring reports required under this consent which have been provided to the Council.

16A Within six weeks of the commencement of this condition under section 116(1) of the RMA the conditions being amended pursuant to PNCC's review under RMA, s 128(1)(c), the Consent Holder shall establish and publicise in the local newspaper, and via written notification to all occupiers and/or owners of the houses listed in Schedule 21 of this consent, details of the website established in accordance with condition 16, and a local telephone number and dedicated website so that members of the public have a specified point of contact during construction, operation and maintenance of the wind farm, and are able to be kept regularly informed of for the public to contact in respect of wind farm operations, particular activities or events at the wind farm site.

Comment [NZWF15]: Change proposed in response to the Hearings Panel's suggestion that there is "standard" wording to cover off this concept.

Comment [NZWF16]: Revised schedule reference. Schedule 1 is now the map of constructed and unconstructed turbine sites.

Community Liaison Group

16B Within 3 months of the commencement of this condition under section 116(1) of the RMA the completion of the PNCC review, the Consent Holder shall establish a Community Liaison Group (Group) for the Te Rere Hau windfarm.

Comment [NZWF17]: Change proposed in response to the Hearings Panel's suggestion that there is "standard" wording to cover off this concept.

16B.1 Membership of the Group shall include representatives of the Consent Holder, and shall be open to:

16B.1.1 the occupiers and owners of the 6 properties noted as monitoring locations in condition 10.1; and

16B.1.2 the occupiers and owners of properties listed in Schedule 21 of this consent; and

16B.1.3 a nominated staff member from PNCC.

Comment [NZWF18]: NZ Windfarms proposes that membership of the group be open to a nominated staff member from PNCC.

16B.2 The purpose of the Group shall be to:

16B.2.1 provide a means for receiving regular updates on Te Rere Hau windfarm activities;

16B.2.2 provide a regular forum through which information and monitoring data about the windfarm can be provided to the neighbours; and

16B.2.3 enable opportunities for concerns and issues to be reported to and responded to by the Consent Holder.

16B.3 The Consent Holder will use its best endeavours to ensure that the Group meets at least annually for the first five years following the review. After that five year period, the Consent Holder shall only be required to organise a meeting following a specific request by a

Group member and provided it has been at least 12 months since the last Group meeting.

Advice note: The Consent Holder can opt to hold Group meetings more frequently but is not required by these conditions to do so.

16B.4 The Consent Holder shall provide reasonable administrative support for the Group including organising meetings at a local venue, inviting all members of the Group as well as the taking and dissemination of meeting minutes.

17. The Consent Holder shall maintain a Complaints Register to record complaints from the public in respect to adverse off-site environmental impact that may arise during construction, operation and maintenance of the wind farm. This Register is to include the name and address of the complainant (if provided), the date and time of the complaint, the nature of the complaint, wind and weather at the time, activity occurring on the site at the time, details of whether the complaint was or was not able to be verified, and any remedial measures undertaken by the Consent Holder.
18. A copy of the Complaints Register shall be made available within 5 working days to PNCC's Environmental Compliance Manager upon request.
19. The Consent Holder shall also forward an annual summary of the Complaints Register for the year ending 31 December to PNCC's Environmental Compliance Managers by 30 January the following year.
20. The report in condition 19 shall assess and consider potential causes for any complaints about noise and whether they are attributable to changes in noise emissions from the WTGs.

Review

21. PNCC may, in accordance with the Resource Management Act 1991, ss 128 and 129 serve notice of its intention to review the conditions of consent relating to noise emissions and effects of WTGs following receipt of a compliance noise monitoring report required by condition 10 or condition 12.5A, and at 5 yearly intervals thereafter (whichever occurs first) on 31 May of any calendar year in order to:
 - 21.1 Address environmental effects relating to noise emissions not anticipated by this consent; and
 - 21.2 To better monitor and manage noise emissions and effects.

Roading and Traffic

22. Prior to any construction works commencing, the Consent Holder shall submit and have approved by Council's Roading Manager, a Traffic Management Plan including a construction timetable, detailing vehicle movements to and from the site and which includes consideration of traffic management practices at times that the Manawatu Gorge Road is closed.

Advice Note: The Plan is to be prepared in accordance with the PNCC Traffic Management Guidelines (2000) and should provide for safe and practical access to and from the site during the construction phase of the wind farm.

23. The Consent Holder shall submit engineering plans for approval by Council's Roading Manager, for the required upgrading of North Range Road in accordance with ARRB Unsealed Roads Manual, Guidelines to Good Practices (August 2000) or similar standard. Such plans shall include a minimum carriageway width of 4 metres, appropriate passing opportunities and a sealed ingress/egress area at the intersection of Pahiatua-Aokautere Road for a length of no less than 30 metres to prevent gravel overspill onto the adjoining carriageway.
24. The Consent Holder shall complete the roading works required and specified in the approved engineering plans (condition 23) prior to the commencement of the construction works on the wind farm.
25. Following the completion of the required roading upgrade works (Condition 9) the Consent Holder shall regularly carry out sufficient roading maintenance works to maintain the length of North Range Road from Pahiatua-Aokautere Road to the wind farm site to the same standard (or better). The maintenance works are to be carried out until all construction works for the wind farm have been completed, at which time the maintenance liability will revert back to the Council.

Ecological

26. The Consent Holder shall record any birds found killed or injured resulting from the operation of the wind farm. This record shall include the time, location, date and species of any birds found dead on the site. This recording should include coverage of all turbine areas and shall be undertaken as part of the regular duties of the staff. This recording shall be undertaken from the installation of the first turbine and continued for a period of five years. Once every 12 months for the duration of the specified period of recording, the information shall be forwarded to the Head of Planning, Customer Services Unit, Palmerston North City Council. A copy of the record is also to be forwarded to the Department of Conservation Area Office in Palmerston North.

Advice Note: In developing the recording approach it is understood that the Consent Holder will consult with the Department of Conservation. The Consent Holder will cooperate with any other party that may want to

undertake a monitoring strategy of bird life. If any dead native bird species are found on the site, then these birds shall be placed in a freezer as soon as practicable and the Department of Conservation informed. Where injured birds are found the Veterinary Department at Massey University should be contacted.

27. The Consent Holder or its nominated agent shall ensure that there is ongoing pest control of magpies, rabbit and hare within the application site; and of cats, possums and mustelids within the QEII covenanted area.

Advice Note: The Consent Holder should contact horizons – Regional Council for advice on appropriate methods of pest control.

Landscaping and Earthworks

28. The Consent Holder shall submit for approval to Council's Senior Landscape Architect detailed landscape contour plans for all cut and fill earthworks. These plans must identify the disposal sites for fill.

Explanation Note: Approval of these plans is based on the integration of the cut and fill earthworks that are visually prominent with the surrounding landforms, and on disposal sites for fill not being in visually prominent locations.

29. The Consent Holder must ensure that all cut and fill earthworks and disposal of fill is undertaken in accordance with the approved landscape and contour plans required by Condition 28.
30. The horizons – Regional Council shall be notified prior to any on-site earthworks being undertaken to ensure compliance with the relevant regional plan provisions.
31. The consent holder shall ensure that the proposed development of the access tracks and rehabilitation of this system after construction is completed (within the first planting season following each stage of the construction works) including topsoiling and appropriate hydro-seeding of the same areas around all concrete foundations flush to all outer edges of the concrete foundations, and the topsoiling and grassing of the secondary tracks, farm tracks and temporary tracks be undertaken in accordance with the detail outlined in the application.
32. The Consent Holder shall submit for approval to Council's Senior Landscape Architect a landscape plan detailing proposed landscaping around the site office buildings and associated outdoor yards to provide visual screening such that the works integrate the buildings with the site when viewed from the west and south west of the site.
33. The Consent Holder shall complete the landscaping works proposed in plans certified pursuant to Condition 32 within the first planting season after initial occupation and use of the buildings.

Ballance Radar Station

34. The Consent Holder shall prepare a report which:
- (a) Takes into account the experimental work done by New Zealand Windfarms Ltd and Airways Corporation of NZ Ltd (Airways) on 10 November 2004 and involves further experimental work following the installation and operation of the first turbine situated on the skyline in the line of site of the Ballance Radar Station.
 - (b) Identifies and assesses potential and actual adverse effects of the wind farm development on the operation of Airways' Ballance Radar Station and any other navigational sites and facilities which are deemed by Airways to be potentially affected by the wind farm, as defined at the time the report is prepared.
 - (c) Includes measures as necessary to avoid, remedy and/or mitigate any such adverse effects to ensure the safe and efficient operation of the air transport network other than remove or relocate any turbine which is 500m (or more) away from the Ballance Radar Station or not in direct line of sight of the flight path into Palmerston North Airport when viewed from the Ballance Radar Station.
35. The report required under Condition 19 shall be prepared by Airways or a company expert in radar systems and shall be provided to the Head of Planning, Customer Services Unit, Palmerston North City Council for approval within 6 months from the date of installation of the first turbine in line of sight of the Ballance Radar Station.
36. The Consent Holder shall as a precaution install the first six turbines in such a way that the towers are either clearly separate or completely aligned radially (ie fully overlapping) as seen by the Ballance Radar Station.
37. The Consent Holder shall implement the mitigation measures detailed in the report prepared in accordance with Condition 34 within 1 month of the report being provided to the Head of Planning, Customer Services Unit, Palmerston North City Council. Turbine numbers 1 to 6 may have been installed prior to the completion of the report in which case the Consent Holder shall not be required to remove or relocate any of these 6 turbines, unless there is evidence to indicate that their operation is resulting in actual adverse effects to the safe and efficient operation of the air transport network and other mitigation measures have not proved to be affective.
38. Within 12 months of the date of commencement of this consent and within 3 months of the first, second, fifth and eighth anniversary of the commencement of this consent, the Palmerston North City Council may, in accordance with sections 128 and 129 of the Resource Management Act 1991, serve notice of its intention to review the conditions of consent if there is documented evidence that adverse effects on the safe and efficient operation of the air transport network beyond the limits

contemplated by the granting of this consent have been generated by the activities on the site, or that the measures implemented to avoid, remedy and/or mitigate any such adverse effects have not been effective (see Note 1 below).

Note 1: The operation of this consent relies on the adoption of measures to ensure any adverse effects on the Ballance Radar Station and any other navigational sites and facilities which are deemed by Airways (as defined at the time the report required by Condition 34 is prepared) to be potentially affected by the wind farm are avoided, remedied, and/or mitigated. As the timing of the commissioning of the entire wind farm is to be progressive, actual effects may not be identified until some time after the granting of the consent.

Consent has been granted on the basis that the potential effects of the wind farm on the Ballance Radar Station will be able to be identified and avoided, remedied, and/or mitigated. In the event that the actual effects differ from those contemplated by the granting of this consent, adjustments in the conditions to address such adverse effects could include, amongst other things, a requirement for the removal of any turbines that are within 500m of the Ballance Radar Station to ensure that those adverse effects are adequately avoided, remedied or mitigated.

Cultural

39. If at any time during the site excavations authorised by this Consent potential historic artefacts or cultural remains or koiwi items are discovered, then all work shall stop and the Consent Holder shall immediately advise the Palmerston North City Council's Head of Planning and Tanenuiarangi Manawatu Inc. The Consent Holder shall also call its archaeological advisor to the site to verify whether or not the objects form archaeological evidence. Further excavation work at the site shall be suspended should Tanenuiarangi Manawatu Inc wish to carry out their procedures and tikanga for removing taonga. Work at the site shall not recommence until approval to do so has been given by the Palmerston North City Council's Head of Planning.

Advice Note: The Consent Holder is reminded of its obligations under the Historic Places Act 1993.

In the event that any artefact or any object which may be of Maori or historic significance is uncovered or disturbed during the course of the earthworks, the contractor, supervising engineer, or Consent Holder shall immediately cease work and inform the Palmerston North City Council's Head of Planning and contact the New Zealand Historic Places Trust to determine whether an archaeological authority is required. In the interim the contractor, supervising engineer or Consent Holder shall secure the site until approval to proceed has been granted. If an archaeological authority is required, work may only recommence once the written approval of the New Zealand Historic Places Trust has been obtained and a copy provided to the Head of Planning.

40. Where Rangitane o Manawatu have nominated that sites of significance exist in relation to this site, the Consent Holder shall invite Rangitane o Manawatu as represented by Tanenuirangi Manawatu Inc, Ngati Hineaute Hapu Authority and Te Rangimarie Marae to be present at times excavations are being undertaken in these nominated sites, in order that they may observe the excavations to identify if any historical artefacts or cultural remains or koiwi are uncovered.

Note: Any discussion regarding reimbursement for representatives of Rangitane o Manawatu being present on site is a matter that is between the Applicant and Rangitane o Manawatu.

Lapse Date

41. This consent shall lapse eight years after the date of commencement, unless the consent is either given effect to before that lapsing date, or unless the Palmerston North City Council fixes a longer period pursuant to section 125 of the Resource Management Act 1991.

Wind Farm Decommissioning

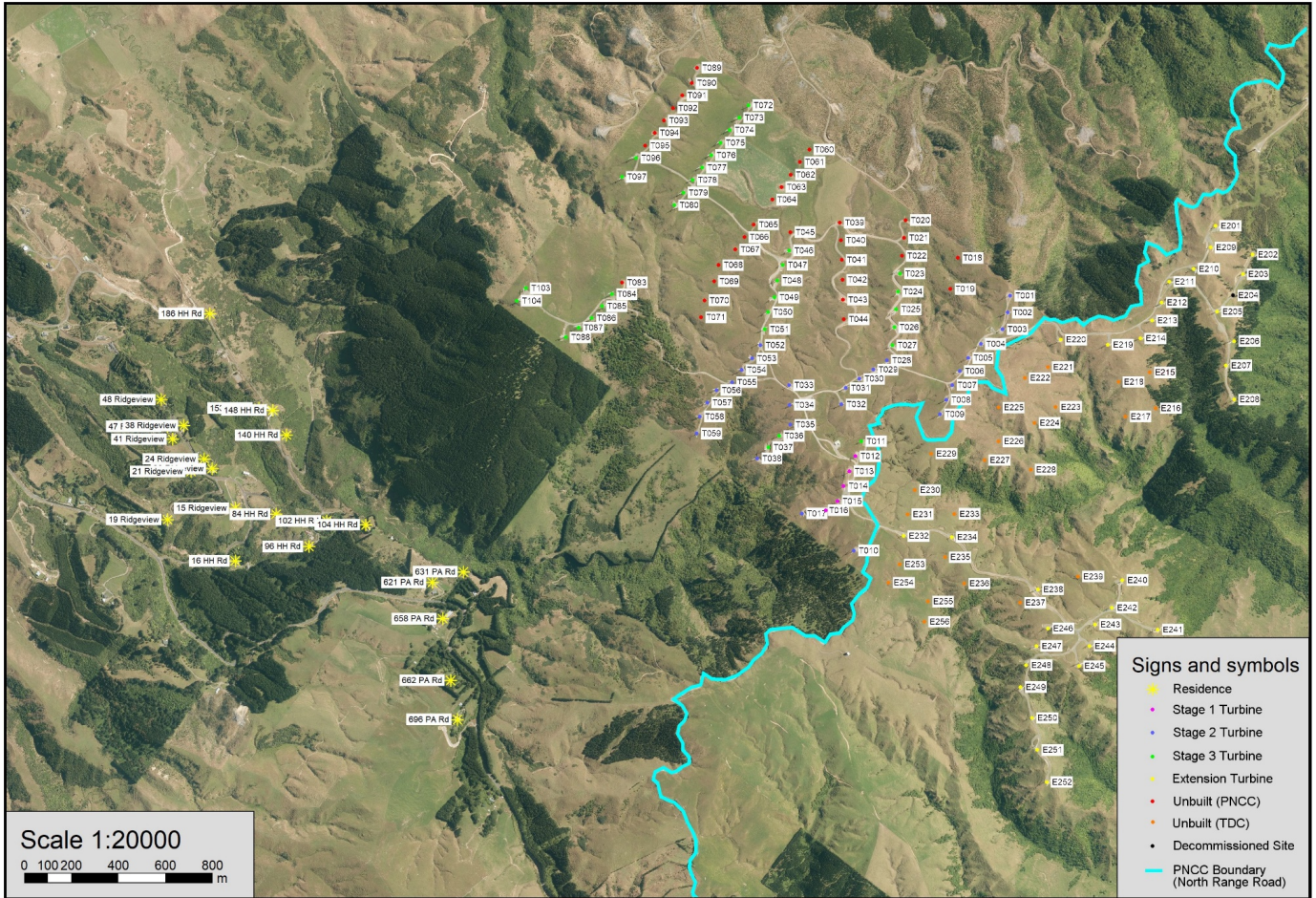
42. Within 12 months of the wind farm ceasing to operate all structures associated with the operation of the wind farm (including all turbine structures, and accessory buildings) shall be removed completely from the site by the Consent Holder.

Charges

43. A monitoring fee of \$430.00 (GST inclusive) shall be paid at the time the resource consent is granted to cover the cost of monitoring compliance with the above conditions. This fee covers four monitoring visits.
- (i) A fee will be payable by the Consent Holder if any non-compliance with the conditions of this consent are discovered as a result of monitoring. This fee is set in accordance with Section 36(1)(c) of the Resource Management Act 1991 ~~and Section 690A of the Local Government Act 1974.~~
44. The consent holder shall pay PNCC all actual and reasonable costs pursuant to RMA, s 36, in relation to any administration, monitoring and inspection relating to these consents, and charges fixed by regulation.

Schedule 1 – Map showing Unbuilt (PNCC) Turbine Sites

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Schedule 21 – List of properties to which condition 16A and 16B apply.

Comment [NZWF19]: Revised numbering to accommodate new Schedule 1.

Address	
84 Harrison Hill Road	48 Ridgeview Road
19 Ridgeview Road	621 Pahiatua Aokautere Road
15 Ridgeview Road	631 Pahiatua Aokautere Road
208 Forest Hill Road	265 Forest Hill Road
96 Harrison Hill Road	102 Harrison Hill Road
24 Ridgeview Road	662 Pahiatua Aokautere Road
20 Ridgeview Road	319 Forest Hill Road
41 Ridgeview Road	696 Pahiatua Aokautere Road
47 Ridgeview Road	239 Forest Hill Road
38 Ridgeview Road	148 Harrison Hill Road
21 Ridgeview Road	140 Harrison Hill Road
153 Harrison Hill Road	276 Forest Hill Road
658 Pahiatua Aokautere Road	104 Harrison Hill Road
349 Forest Hill Road	186 Harrison Hill Road
16 Harrison Hill Road	428 Pahiatua-Aokautere Road
367 Forest Hill Road	406 Pahiatua-Aokautere Road