

EAST DURHAM WIND ENERGY CENTRE

MUNICIPALITY OF WEST GREY, COUNTY OF GREY

SUPPLEMENTAL RAM I-AUDIT MONITOR C

RWDI # 1502606

October 20, 2021

SUBMITTED TO

Derek Dudek
NextEra Energy
FEB/JB
700 Universe Blvd
Juno Beach, FL 33408
Derek.Dudek@nexteraenergy.com

SUBMITTED BY

Greg Conley, M.Eng., P.Eng.
Senior Project Manager / Principal
Greg.Conley@rwdi.com

Ben Coulson, P.Eng., B.A.Sc., M.A.Sc.
Senior Consultant / Principal
Ben.Coulson@rwdi.com

RWDI
Consulting Engineers & Scientists
600 Southgate Drive
Guelph, ON N1G 4P6
T: 519.823.1311
F: 519.823.1316



VERSION HISTORY

Index	Date	Report Title	Description
1	August 13, 2021	Supplemental RAM I-Audit Monitor C	Initial RAM I-Audit Supplemental Submission
2	September 10, 2021	Supplemental RAM I-Audit Monitor C	Initial RAM I-Audit Supplemental Submission First Update in Response to MECP Comments: <ul style="list-style-type: none">• Typo correction in Section 6.1• Table 1B correction of exclusion sound level limits• Update to May 10, 2021 memorandum figures to increase clarity• Explanation of double-angle data collection approach• Clarification of equipment calibration schedule
3	October 20, 2021	Supplemental RAM I-Audit Monitor C	Initial RAM I-Audit Supplemental Submission Second Update in Response to MECP Comments: <ul style="list-style-type: none">• Calibration data in Appendix C updated to cite proper calibration certificates for equipment used during testing

SIGNATURES

Ben Coulson, P.Eng., B.A.Sc., M.A.Sc.
Senior Consultant / Principal



EXECUTIVE SUMMARY

East Durham Wind, L.P retained RWDI to conduct an immission acoustic audit of the East Durham Wind Energy Centre located in the County of Grey, Ontario. The purpose of this audit is to capture measurements of the sound level produced by the wind turbines for comparison with the applicable Ministry of the Environment, Conservation and Parks (MECP) limits. This I-Audit is intended to meet the requirements of Part E of the MECP 2017 Compliance Protocol for Wind Turbine Noise (2017 Protocol or Protocol), specifically the procedures of the revised assessment methodology for I-Audits (RAM I-Audit).

The wind farm is permitted to operate no more than fourteen wind turbine generators including twelve General Electric 1.6-100 wind turbine generators, one (1) General Electric 1.39-100 turbine generator, and one (1) General Electric 1.34-100 turbine generator. The wind farm also has one (1) 25 MVA transformer substation in the project switchyard. The total nameplate capacity of the wind farm is approximately 22 MW with the permitted wind turbine generators noted above.

The 1st I-Audit monitoring period was completed in the fall of 2015. Subsequent monitoring in the fall of 2016 provided the required data for the 1st I-Audit for Monitors A through E. The analysis and reporting for the 1st I-Audit followed the MECP 2011 Compliance Protocol for Wind Turbine Noise (2011 Protocol). Compliance was shown for Monitors A through E. The latest version of the 1st I-Audit report titled "Acoustic Audit Immission Report #1" is dated January 26, 2018.

An additional RAM I-Audit was completed for Monitors A through E in the spring and summer of 2018. A report was issued in October 2018 for this monitoring period. However, guidance provided by MECP in September 2018 for expanding the wind angles as permitted by Section E 5.5 (10) of the Protocol could not be incorporated into the report before the report deadline. All monitors were analyzed for potential expanded wind angle sectors, but the approach was ultimately applied at Monitor C only. The revised report (version 2) containing that analysis was dated February 15, 2019 and follows the requirements for RAM I-Audits outlined in the 2017 Protocol.

A further report (version 3) was submitted to account for database adjustments, as a result of requests from the MECP, resulting in fewer valid data points and was dated May 10, 2019. Overall, the reports showed that Monitors A, C, and E were complete and compliant with the sound level limits identified in the REA, but that the required number of measurement points was not collected at Monitors B and D.

As a result of the incomplete campaigns submitted for monitors in the second RAM I-Audit, the MECP requested additional monitoring for one season at the representative worst-case Monitor C location. Data sets remained incomplete after 10 weeks of monitoring and it was jointly agreed with MECP to terminate further monitoring. The results from this campaign are presented in the report titled "Supplemental RAM I-Audit Monitor C", dated August 25, 2020.

Based on discussions with the MECP, alternative data analysis methods were considered for the 2020 Monitor C data. The minimum number of measurement data points for both operational and parked conditions was demonstrated with this alternative approach and the revised results met the REA sound level limits.

**SUPPLEMENTAL RAM I-AUDIT MONITOR C
EAST DURHAM WIND ENERGY CENTRE**

RWDI#1502606
October 20, 2021



Nonetheless, the MECP requested a repeat of the Monitor C campaign due to concerns with wind direction and data completion. Hence, permission was obtained at a new non-participating landowner location to the east of the previous Monitor C location and was selected to improve the potential for valid data. A work plan for the new campaign was provided to the MECP in March 2021.

This report presents the results from this Monitor C campaign that was conducted from March 24, 2021 to May 31, 2021. The minimum number of measurement data points for both operational and parked conditions was obtained for the 1 and 2 m/s wind speed bins, satisfying Section E 5.5 (1) of the Protocol. The analysis indicates that the Monitor C levels are in compliance with the REA sound level limits and hence the facility is operating in compliance.



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1 INTRODUCTION

East Durham Wind, L.P. retained RWDI to conduct an immission acoustic audit of the East Durham Wind Energy Centre (East Durham) located in the County of Grey, Ontario. The purpose of this audit is to capture measurements of the sound level produced by the wind turbines for comparison with the applicable Ministry of the Environment, Conservation and Parks (MECP) limits at nearby points of reception. This I-Audit is intended to meet the requirements of Part E5 of the 2017 MECP Compliance Protocol for Wind Turbine Noise (2017 Protocol or Protocol), specifically the procedures of the revised assessment methodology for I-Audits (RAM I-Audit).

The wind turbines and ancillary equipment are located on privately-owned farmland through a legal agreement between the landowner and East Durham Wind GP, ULC, as general partner for and on behalf of East Durham Wind, L.P. The zoning within the project area and surrounding areas is mainly general agricultural. The acoustic environment surrounding the project area is rural and is influenced primarily by road traffic, farming activities, and the sounds of nature. The Site Plan as found in the "East Durham Wind Energy Centre – Final Noise Assessment", dated December 10, 2013 and prepared by GENIVAR Inc. (NIA Report) is included in Appendix A. Turbines T12 and T13, as shown in this Site Plan, were not constructed.

The facility's Renewable Energy Approval (REA), number 7812-9E4QSC dated January 20, 2014 and amendment dated October 1, 2014 are provided in Appendix B. Condition E of the REA requires the facility to complete two immission acoustic audits at five locations to assess sound immissions from the wind turbine site. The general practice, though not explicitly stated in the REA, is to complete one test in the fall (i.e. suggested October/November) and one in the spring (i.e. suggested March/April). Two audit reports (i.e., spring and fall audit programs) have previously been submitted to meet the reporting requirements of the facility's REA under the original MECP 2011 Compliance Protocol for Wind Turbine Noise (2011 Protocol); however, wind conditions did not facilitate completion of all data requirements. As a result, these reports were combined into one audit report under guidance from MECP (i.e., NPC-350). This 1st I-Audit report for Monitors A through E is titled "Acoustic Audit Immission Report #1" and the latest version is dated January 26, 2018. The required data was obtained for Monitors A through E and compliance was shown for these points of reception in the 1st (fall) I-Audit report.

A second monitoring program was completed in the spring of 2018. The original version of this report was dated October 2018 and was updated in February 2019 (version 2). The February 2019 report included, for the first time, analysis following guidance provided by MECP in September 2018 for expanding the wind angles, as permitted by Section E 5.5 (10) of the Protocol. Version 3, dated May 10, 2019, was an update to the version 2 submission to include adjustments in the filtering of the measurement database made as a result of requests from the MECP. This report followed the requirements for RAM I-Audits outlined in the 2017 Protocol. Overall, the reports showed that Monitors A, C, and E were complete and compliant with the sound level limits identified in the REA, but that the required number of measurement points was not collected at Monitors B and D.

As a result of the incomplete campaigns submitted for monitors in the second RAM I-Audit, the MECP requested additional monitoring for one season at a worst-case location. Monitor C was selected as representative of the worst-case receptor based on discussions with the MECP and was deployed on March 12, 2020. Data sets remained incomplete after 10 weeks of monitoring. A conference call was convened on May 22, 2020 with the MECP to discuss the status. During this call, the MECP agreed that continued data collection would be unproductive; hence, a



joint decision was made to terminate monitoring despite the incomplete data sets. Therefore, data collection was terminated on May 22, 2020. The results from the Monitor C campaign that was conducted from March 12, 2020 to May 22, 2020 are presented in the report titled “Supplemental RAM I-Audit Monitor C”, dated August 25, 2020.

Based on discussions with the MECP, alternative data filtering methods were considered. Using these alternative methods, the minimum number of measurement data points for both operational and parked conditions was obtained for the 2 and 3 m/s wind speed bins. This result satisfies Section E 5.5 (1) of the Protocol, which requires a minimum number of measurement points for two of the wind speed bins between 1 and 4 m/s. The results of the analysis indicated that Monitor C levels were in compliance with sound level limits identified in the REA.

However, due to concerns with wind direction and data completion the MECP requested a repeat of the additional monitoring campaign in the same area as the previous Monitor C locations. Permission was obtained on a non-participating landowner’s vacant lot to the east of the previous Monitor C location. This new location was expected to increase the potential for valid data due to improved directionality and potential consideration of two turbine angle sectors. A work plan, a copy of which is included in Appendix B, for the new campaign was provided to the MECP dated March 31, 2021.

As part of that work plan, the MECP requested that a period of successive on and off measurements of the turbines be conducted for a minimum period of two weeks (e.g., turn the influential turbines off for half of every successive hour). This testing was intended to help validate compliance on an ongoing basis in the event the minimum number of data points could not be obtained per the Protocol and was conducted for the initial two weeks of the campaign. Although preliminary results were provided to the MECP in early May 2021 and indicated compliance, the subsequent data collection allowed completion of the monitoring campaign to the Protocol requirements; hence, these results are not specifically discussed herein.

This report presents the results from this Monitor C campaign that was conducted from March 24, 2021 to May 31, 2021. The minimum number of measurement data points for both operational and parked conditions was obtained for the 1 and 2 m/s wind speed bins. This satisfies Section E 5.5 (1) of the Protocol, which requires a minimum number of measurement points for two of the wind speed bins between 1 and 4 m/s. The results of the analysis indicate that Monitor C levels are in compliance with sound level limits identified in the REA. The facility has demonstrated compliance with MECP limits.

A detailed discussion of the audit procedures and data analysis is provided in the subsequent sections.

2 FACILITY DESCRIPTION

The project is owned by East Durham Wind G.P., ULC, as general partner for and on behalf of East Durham Wind, LP. The East Durham Wind Energy Centre became commercially operational August 17, 2015. The project site is in the County of Grey, Ontario. It is generally bounded by Artemesia Glenelg Townline to the east, Concession Road 4 to the north, Camp Oliver Road to the west, and South Line to the south.



The wind farm is permitted to operate no more than fourteen wind turbine generators including twelve General Electric 1.6-100 wind turbine generators, one (1) General Electric 1.39-100 turbine generator, and one (1) General Electric 1.34-100 turbine generator. The wind farm also has one (1) 25 MVA transformer substation in the project switchyard. The total nameplate capacity of the wind farm is approximately 22 MW with the permitted wind turbine generators noted above. All turbines have a hub height of 80 m above local grade.

3 INSTRUMENTATION

All instrumentation used for the immission testing followed the requirements set out in the Protocol.

3.1 Acoustic Instrumentation

The measurements were conducted using a proprietary data collection system developed by RWDI that is based on National Instruments signal processing hardware and software. A list of the acoustic equipment including serial numbers is provided in Appendix C. The data collection system is capable of recording both sound level and audio. The monitor meets the following requirements:

- Type 1 measurement system per the IEC standard 61672-1 Sound Level Meter, Part 1: Specifications;
- Class 1 microphone system;
- The instrumentation having constant frequency response over at the 20 Hz to 20000Hz frequency range;
- The filters meeting the requirements of IEC 61620 for Class 1 filters; and
- The instrumentation being capable of measuring audio recordings continuously during the measurement campaign, at sampling rate of at least 8000 Hz.

The sound monitoring system was calibrated before the measurement campaign using a Larson-Davis CAL200 precision acoustic calibrator. The calibrator's accuracy is equal to or better than +/- 0.3 dB and is Class 1 according to IEC 60942 within the temperature range of this measurement program. Manufacturer recommendations suggest a re-calibration period of one-two years. RWDI policy is to calibrate all components at least every two years, with field calibrators being re-certified annually. Use of the field calibrators ensures that the entire measurement chain is within calibration. As the components calibrated appropriately in the field, there are no concerns with measurement drift. All components following a two-year calibration schedule were calibrated after the measurement campaign was finished and were found within valid calibration specifications, requiring no adjustments. This report has been updated to reference the appropriate microphone and preamp, which was incorrectly referenced in a previous version due to a mis-named file.

In addition to the 90 mm diameter primary wind screen that is commonly used for long term monitoring campaigns, a secondary 500 mm diameter wind screen was deployed at the monitoring location. The secondary wind screen was constructed according to MECP recommendations included in section D 2.1.4 of the 2017 Protocol. The secondary wind screen meets the specifications indicated in IEC 61400-11. Transmission loss was assumed to be negligible at the frequencies important for wind turbine sound (i.e., less than about 0.2 dB below 1000 Hz) based on manufacturer acoustic wind screen data (see attached excerpt from Larson Davis 824 manual in Appendix C). Our prior experience in testing a similar windscreens in a reverberation chamber equipped with registered sound source and flow noise yielded similar results.



3.2 Non-Acoustic Instrumentation

The sound level monitoring location was co-located with a meteorological station. The weather station consisted of a Campbell Scientific weather console using a CR300 data logging system and a R.M. Young 05305 wind anemometer. Auxiliary measurement instrumentation for temperature, relative humidity, and precipitation was also recorded at Monitor C. The weather monitoring equipment meets the requirements in the Protocol.

3.3 Calibration

All relevant acoustic equipment has calibration records that are traceable to an accredited acoustic laboratory and are within the valid calibration recertification time. All other equipment is within calibration range and recertification time. Calibration certificates are provided in Appendix C.

4 MEASUREMENT PROCEDURE

4.1 Noise Measurement Location

The microphone was located at a height of approximately 4.5 m above local ground representing a two-storey residence. This height is consistent with the dwellings located nearest the points of reception in this study and the modelled receptor height identified in the Noise Assessment Report.

The microphone was located more than 5 m away from any large reflecting surface and generally away from trees or foliage that could affect the measurements. The monitoring position was also generally located such that any intervening obstacles or terrain did not shield it from line of sight to the wind turbines. The monitoring location is representative of the acoustic environment at the nearby sensitive receptor.

4.2 Wind Measurement Location

The Protocol requires the wind measurement location be in close proximity to the sound measurement location. An anemometer was mounted to the same tower as the microphone. The weather measurement location was not shielded by nearby buildings or obstructions. Wind speed and direction measurements were obtained at a height of 10 m. The monitoring station was configured to record data on a 10-second interval, the smallest interval permitted under the RAM I-Audit procedures (i.e., per section E5.5 (7)).

4.3 Acoustic Measurements

Turbines Operational

The key statistical data used in the analysis is the A-weighted 10-second energy equivalent sound level ($L_{EQ, 10 \text{ sec}}$ in dBA). Ten-second intervals were used consistent with the meteorological measurements per the smallest interval permitted in the RAM I-Audit procedures. Audio recordings were also logged on a continual basis for sound identification purposes. Sound and weather measurement equipment were time synchronized with each other.



Turbines Parked

System configurations were not changed between the turbine operational and turbine parked conditions. The turbines were parked on different occasions to establish ambient sound levels. During parked conditions, all nearby influential turbines (i.e., turbines that contribute more than 30 dBA cumulatively to the modelled receptor sound level) were stopped so that the measured sound levels at the point of reception were representative of ambient background levels. Specifically, during the beginning of this measurement campaign, the turbines were toggled on and off at half-hour intervals to obtain parked and operational data from the same nights. A detailed analysis of these time periods is presented in a memo dated May 10, 2021 and included in Appendix B.

Appendix D includes a statement signed by an authorized representative of the East Durham wind farm confirming that all nearby influential wind turbines were not operational and that there were no modifications to the turbine blades during the audit.

Parked conditions were coordinated at several periods during the acoustical measurements to obtain the required ambient data. The parked conditions were confirmed by verifying the rotational speed (RPM) of the influential turbines was negligible. This was done based on turbine data received from NextEra.

Acoustic measurements were conducted during parked conditions between 22:00 and 05:00, starting on March 24, 2021 until April 12, 2021.

4.4 Non-Acoustic Measurements

All meteorological stations were configured to continuously log the appropriate statistical parameters and output 10-second averaged data or instantaneous data where applicable. The station was configured to log the following data on 10-second intervals:

- average wind speed (m/s);
- maximum wind speed (m/s);
- minimum wind speed (m/s); and
- average wind direction (azimuth degrees).

Precipitation data was also collected at Monitor C with a 10-second data output.

4.5 Number of Measurement Intervals

Turbines Operational

The Protocol requires 120 one-minute intervals (or 120 minutes total) to be measured for each integer wind speed for the data set to be considered large enough to conduct the analysis and to be able to assess compliance. However, in accordance with section E5.5 (7) of the Protocol, this audit was completed using 10-second rather than one-minute measurement intervals. As a result, 720 10-second intervals (120 minutes total) were required to be measured for each integer wind speed.



In certain circumstances, the Protocol permits consideration of a reduced number of data points with appropriate justification for RAM I-Audits per section E5.5 (5). The MECP has also provided additional guidance for instances where two turbines are approximately equi-distant to a receptor per Appendix F11 of the Protocol. Where the influential turbines are not located in the same general direction (e.g., separately by 180 degrees) additional MECP guidance beyond Appendix F11 must be considered to address a “double angle”. In the double angle scenario, as was the case for this campaign, MECP indicates it is permissible to achieve 720 points by combining two different sectors, provided the immission sound levels during permitting show the contribution from each turbine is within 2 dB of each other. This approach is consistent with Appendix F11 of the Protocol, but differs in how the individual angle sectors are treated. Each sector is evaluated separately, and the greater turbine-only sound level is assumed to be valid for the entire combined batch of valid points. Thus, a conservative approach is ensured. This approach was used in this campaign following methods consistent with MECP direction.

Wind speed measurements are rounded to the nearest integer prior to sorting to a representative integer wind speed “bin”.

Turbines Parked

Ambient sound measurements were completed with all applicable turbines parked. The Protocol states that 60 one-minute intervals (or 60 minutes total) are required to be measured for each integer wind speed for the data set to be considered large enough to determine the ambient sound level. However, in accordance with section E5.5 (7) of the Protocol, this audit was completed using 10-second rather than one-minute measurement intervals. As a result, 360 10-second intervals (60 minutes total) were required to be measured for each integer wind speed. Wind speed measurements are rounded to the nearest integer prior to “binning”.

5 ACOUSTIC AUDIT PROCEDURE

5.1 Points of Reception

Condition E1 (2) of the REA requires measurements to be made at five different points of reception that represent the location of the greatest predicted sound levels and that are located in the direction of the prevailing winds. As discussed in the Introduction, measurement campaigns at other receptors were completed previously. This campaign focused on only one worst-case monitoring location.

The most affected points of reception were determined from the noise contours provided in the NIA report. The receptor nomenclature used below in describing each monitor location is consistent with that used in the NIA report.

A rationale summary table is included in Appendix E that takes into consideration worst-case parameters such as high wind shear, highest predicted sound levels, and wind direction. Non-participating receptors from the NIA report were sorted from highest predicted sound level to lowest. Starting at the top of the list, locations were categorized based on surrounding influences, area of wind farm, and direction to prevailing winds for the current season (i.e., westerly winds). Locations that were not downwind of a nearby turbine for prevailing winds were ruled out. Permissions were then sought for the top ranked receptors in discrete areas of the wind farm. This review resulted in points of reception being ideally positioned in the locations shown in Figure 1.



For this campaign, an agreement on the worst-case location (Monitor C) was made with the MECP based on sound level impact, landowner permissions, and historical data collection issues at other sites. The only more appropriate measurement location was Monitor B; however the landowner refused access to their property.

Further information is provided below for Monitor C. Pictures of the monitor, the UTM coordinates, and the microphone height are included in Appendix E.

Monitor C (UTM location Zone 17, 525643 m E, 4893916 m N) - The monitor is positioned on the lands of non-participating receptor (R161). Although the monitor is not located directly east of turbines (dominant west wind direction), it is still in close proximity to Turbines 6, 7, 8, and 11, and this receptor was ranked relatively high in the NIA Report. The site also receives southerly winds (i.e., common in the summer months), which makes this location downwind of Turbine 11.

5.2 Time of Measurements

The REA requires immission acoustic audit measurements be completed on two separate occasions. Though not explicitly stated in the REA, the assumed time periods are:

1. October and November; and
2. March and April.

Sound level measurements for this measurement program started on March 18, 2021. The measurement program ended with the final monitor data being acquired on June 1, 2021. The monitoring continued past the minimum six weeks as the required data was not obtained within this time period.

6 DATA PROCESSING

6.1 Data Reduction and Filtering

The measurement data for this scenario was filtered in accordance with the 2017 Protocol. The following filters were applied to the measured data and only the data that satisfied these conditions were used in the subsequent analysis:

1. Measurements between 22:00 and 05:00;
2. No rainfall within the hour of the measurement interval;
3. Operational data was valid, with reference to the turbine having the greatest predicted noise impact at the measurement location, only when downwind data spanned ± 45 degrees from the line of sight between the turbine and measurement location, or/and with angles amended as per section E5.5 (10) of the Protocol;
 - For the case of this measurement campaign, a double angle was defined per Appendix F11 of the Protocol. With reference to the turbines having the greatest predicted noise impact at the measurement location, operational data was valid only when:



- i. downwind data spanned 129.5 to 219.5 degrees for WTG0011; or
 - ii. downwind data spanned -32.5 (or 327.5) to 57.5 degrees for WTG0008; with due North as the reference (0 degrees). See Appendix I for an illustration of the valid double angle sectors.
4. The resulting valid data was combined to assess compliance per MECP guidance for a double angle. Operational data was valid, with reference to the turbine having the greatest predicted noise impact at the measurement location, only when sound power was greater than 90% of the maximum sound power level and turbine electrical power output was at least 85% of the maximum electrical power output. The electrical power criterion was the limiting condition as this model of turbine reaches 90% of maximum sound power prior to 85% electrical power output;
5. Parked data was valid, with reference to all impactful turbines at the measurement location, i.e., those within 1500 m of the receptor location and those defined in section D3.5.2 of the Protocol, only when:
 - Operations curtailment of the impactful turbines was a result of a requested shutdown and not of calm weather activity. This condition was enacted to guard against collection of data while wind conditions were in a subdued state compared to regular weather patterns; and
 - Turbine rotational speed was confirmed to be equal to or less than 0.5 RPM during a requested shutdown (i.e., some slight turning of rotor is possible when no power is generated to relieve stress on the turbine blades). This condition was enacted to ensure only data collected after the shutdown procedure had been fully completed were included as valid ambient measurements.
6. Data was valid only when removal of notable extraneous high-level events (e.g., wind over microphone, traffic pass-bys, human activities, etc.) was completed. Extraneous events were identified when they were heard in audio files.

Conditions during the measurement period are presented in Appendix F. Figures 2.1 and 2.2 present the valid operational and ambient data for this scenario. Wind rose plots for this campaign are presented in Figure 3.1-3.3. Valid data used for an assessment of compliance for Monitor C can be found in Appendix G. A summary of the final compliance analysis based on the valid data is provided in Table 1B.

6.2 Effects of Insects and Fauna

The audio recordings were reviewed for sounds from insects and fauna. Sounds of frogs were audible at times during the sampling program. One-third-octave spectral analysis of the frog sound determined that it was limited to a couple octave bands and varied from 1250 Hz to 5000 Hz, which are frequencies above wind turbine sound contributions. The respective contribution in these bands was removed in the one-third-octave spectra by linearly interpolating the values of the affected bands from the nearest non-contaminated bands. Figure 4 presents an example of the noise removal methodology utilized in this audit.

6.3 Data Analysis

Following the guidance of the Protocol, the “binning method” is used to analyze the sound level data. All sound level data that correlates to wind speeds between 1 to 7 m/s (per RAM I-Audit procedure) are grouped into integer wind speed bins. Data within each bin is +/- 0.5 m/s of the specified integer wind speed. Data within these bins are subsequently filtered and used for further analysis as detailed in Section 6.4.



For the 2 m/s wind bin, 720 points were not collected in either of the two angle sectors individually. However, the number of valid data points in the 2 m/s wind bin for each of the two angle sectors was combined per MECF guidance and as referenced in Section 4.5, and the minimum amount of valid data points was achieved. Each sector was first analyzed individually, and the more conservative sound level was attributed to the turbine-only levels for the 2 m/s wind bin.

6.4 Determination of Turbine Sound Level

As described in the Protocol, the measured data obtained for both the total sound (turbines operational) and ambient sound (turbines parked) are first reduced and filtered as described in Section 6.1. The binned data are then averaged. The resulting sound levels generated by the turbines only are the logarithmic subtraction of the average measured total sound minus the average measured ambient sound at each wind speed bin.

The resulting valid data for Monitor C is plotted in Figure 2.1 and 2.2 for each contributing turbine. The figures show plots of valid measured total sound and the measured ambient sound data versus wind speed.

6.5 Tonal Assessment

Tonality was assessed per Section D3.8.3 of the Protocol and determined to not be present (i.e. not audible and no tonal audibility in manufacturer's data). No tones were detected from onsite observations and from a review of audio recordings. However, tonality was identified as a concern based on an emission test for this project, thus further tonality analysis was conducted at the receptor. A detailed tonality assessment was conducted on the collected Monitor C immission data per the 2016 ISO/PAS 20065 (Standard) method:

- Section D3.8.3 of the Protocol requires that at least five 1-minute intervals are used. As the data is in 10-second format, 30 audio files (five minutes * six 10-second files each = 30) corresponding to the closest integer wind-bin values were used for the assessment of tonality.
- Section 4.2 of the Standard limits the permissible line spacing to a range of 1.9 Hz to 4.0 Hz, so a frequency resolution of 2.0 Hz was chosen.
- The sampling rate used was 51200 Hz, resulting in a required audio file of length 0.5 seconds to output a frequency resolution of 2.0 Hz.
- Formula (1) of Section 4.3 of the Standard was used to merge the 0.5-second-long spectra together such that an averaging time of 3.0 seconds was achieved, resulting in twenty 3-second merged spectra per 1-minute interval.
- These 20 spectra were then separately analyzed for tones per the Standard.
- Formula (20) in Section 5.3.9 of the Standard was used to calculate the mean tonal audibility associated with each minute of data. This audibility was then reported for each minute.
- As per ISO 1996-2:2017, no tonal penalty is applied to the measured levels if tonal audibility values were below 0 dB.

A summary of the results is presented in Appendix H, along with a list of data points used in the analysis. No tonal audibility values of concern were found for any of the wind bins; hence no tonality adjustments were applied to the results.



7 ASSESSMENT OF COMPLIANCE

The facility is required to meet the sound level limits identified in the REA. For a RAM I-Audit, the Protocol outlines the data requirements to show compliance. A facility is considered in compliance if the resulting turbine sound levels do not exceed the sound level limit at each applicable integer wind speed.

Section E 5.5 (1) of the Protocol requires a minimum number of measurement points for either three of the wind speed bins between 1 and 7 m/s, or two of the wind speed bins between 1 and 4 m/s. The minimum number of measurement data points at Monitor C was obtained for the 1 and 2 m/s wind speed bins.

The results of the study indicate that Monitor C is in compliance with the applicable sound level limits.

Based on discussions with the MECP, this final complete measurement campaign supplements prior campaigns and is sufficient to demonstrate compliance for the facility. Therefore, all necessary measurement campaigns for the East Durham Wind Energy Centre have been completed and the facility is compliant.

A large decorative graphic on the left side of the page, featuring a blue triangle at the top left corner and a large, light gray semi-circle that curves from the top left towards the bottom right. The word 'TABLES' is centered within the gray area.

TABLES

Table 1A – Summary of Number of Data Intervals Collected – Monitor C
East Durham Wind Farm – Spring 2021, 1502606

Receptor ID	Section	Turbine & Ambient Measurements						
		Data Points (10-second intervals) Collected at Wind Speed Bins						
		1 m/s	2 m/s	3 m/s	4 m/s	5 m/s	6 m/s	7 m/s
Monitor C	WTG0011 Section	2328	628	264	217	162	101	35
	WTG0008 Section	469	506	168	122	51	37	8
	Ambient	4160	3851	1242	617	307	177	71

Table 1B – Summary of Sound Levels – Monitor C
East Durham Wind Farm – Spring 2021, 1502606

Section / Receptor	Wind Speed Bin						
	1 m/s	2 m/s	3 m/s	4 m/s	5 m/s	6 m/s	7 m/s
Energy Average Measured Levels - Turbines and Ambient							
Monitor C: Section WTG0011 (dBA)	38.2	38.3	39.7	41.6	43.5	45.6	44.9
Monitor C: Section WTG0011 Standard Deviation	0.9	1.5	2.1	1.7	2.1	2.9	2.4
Monitor C: Section WTG0008 (dBA)	39.4	39.5	40.2	41.4	42.2	43.2	43.5
Monitor C: Section WTG0008 Standard Deviation	0.7	0.8	1.4	1.8	1.7	1.7	1.4
Energy Averaged Measured - Ambient Only							
Ambient (dBA)	32.4	33.7	35.3	37.8	40.7	44.6	46.7
Ambient Standard Deviation	1.7	2.2	2.4	2.8	2.9	3.1	2.9
Energy Average Measured Levels - Turbines only (dBA)							
Monitor C: Section WTG0011	36.8	36.5	37.8	39.3	40.3	38.9	34.9 ^[3]
Monitor C: Section WTG0008	38.4	38.1	38.4	38.9	37.1	33.2 ^[3]	33.5 ^[3]
Energy Averaged Combined Turbine Only (dBA)							
Monitor C	37.7	37.4	38.1	39.1	39.0	37.0	34.3
Turbine Only Level for Assessment (dBA) {maximum in bin}							
Monitor C	38.4	38.1	N/A ^[1]	N/A ^[1]	N/A ^[1]	N/A ^[1]	N/A ^[1]
REA Sound Level Limit (dBA)							
Monitor C	40.0	40.0	40.0	40.0	40.0	40.0	43.0
Over REA Limit?							
Monitor C	No	No	No ^[2]	No ^[2]	No ^[2]	No ^[2]	No ^[2]

Notes:

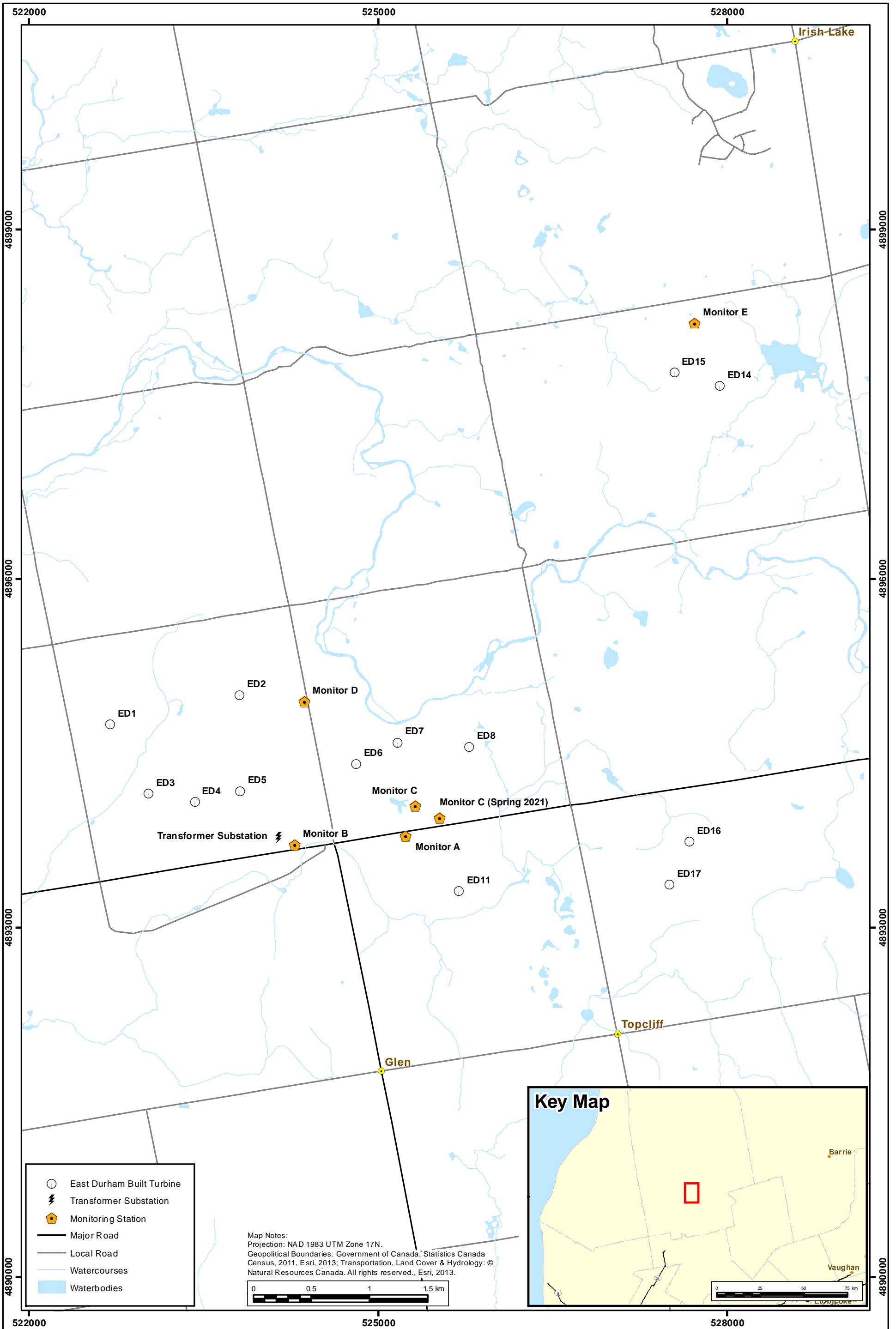
[1] - Insufficient valid data points for assessment.

[2] - Insufficient valid data points to make a statement on compliance based on the 2017 Compliance Protocol for Wind Turbine Noise.

[3] - Where the ambient condition is greater than or equal to the total sound condition, the turbine only sound levels are estimated to be 10 dB lower than the total sound condition.

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FIGURES



East Durham Wind Farm - Noise Monitoring Locations

East Durham Wind Energy Centre - County of Grey, Ontario

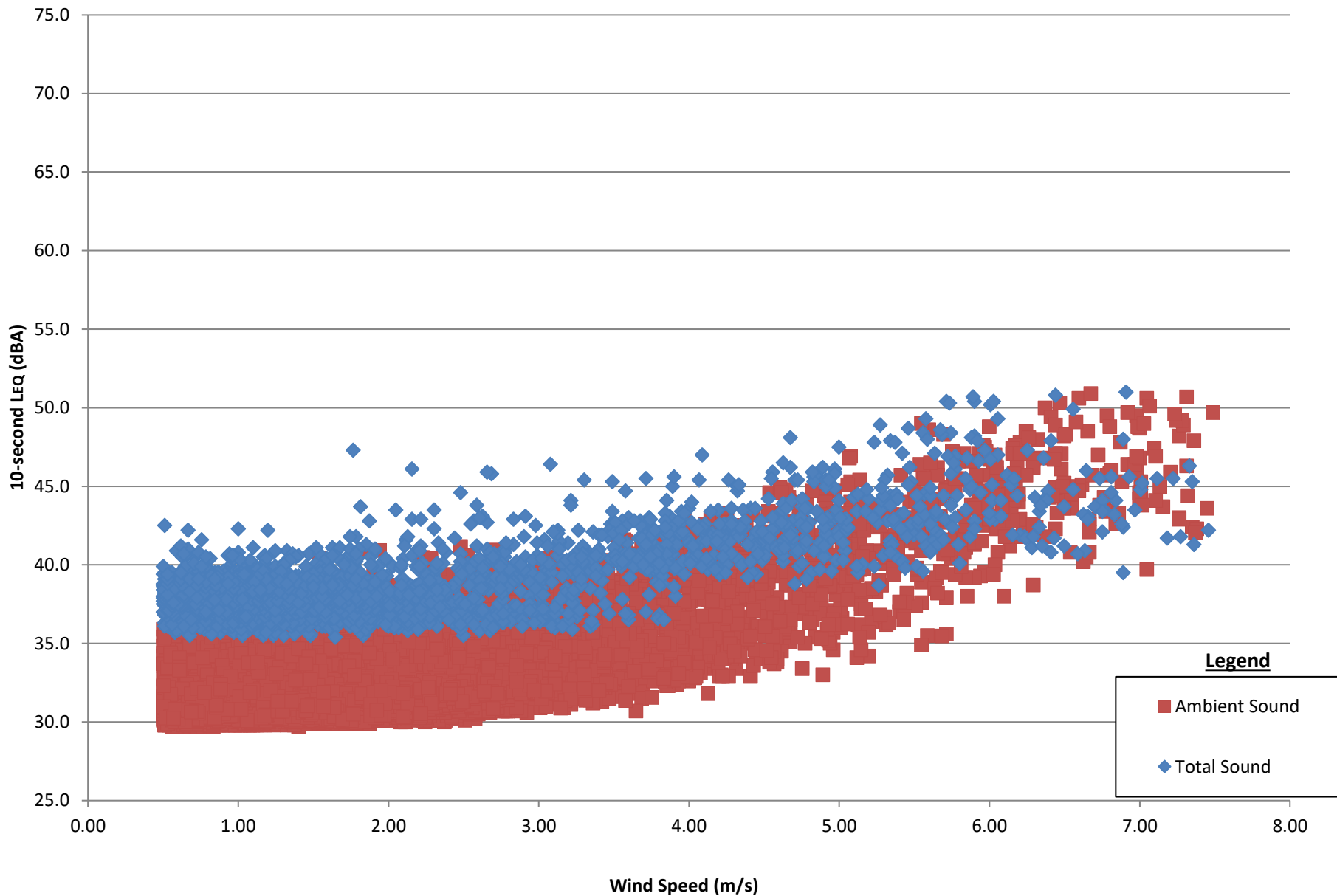


Drawn by: LRC	Figure: 1
Approx. Scale: 1:30,000	
Date Revised: July, 12, 2021	

Project #1502606



Figure 2.1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021



**Valid Total 10-Second Sound Data – Monitor C WTG0011
Spring 2021**

East Durham Wind Farm, County of Grey, Ontario

Project #1502606

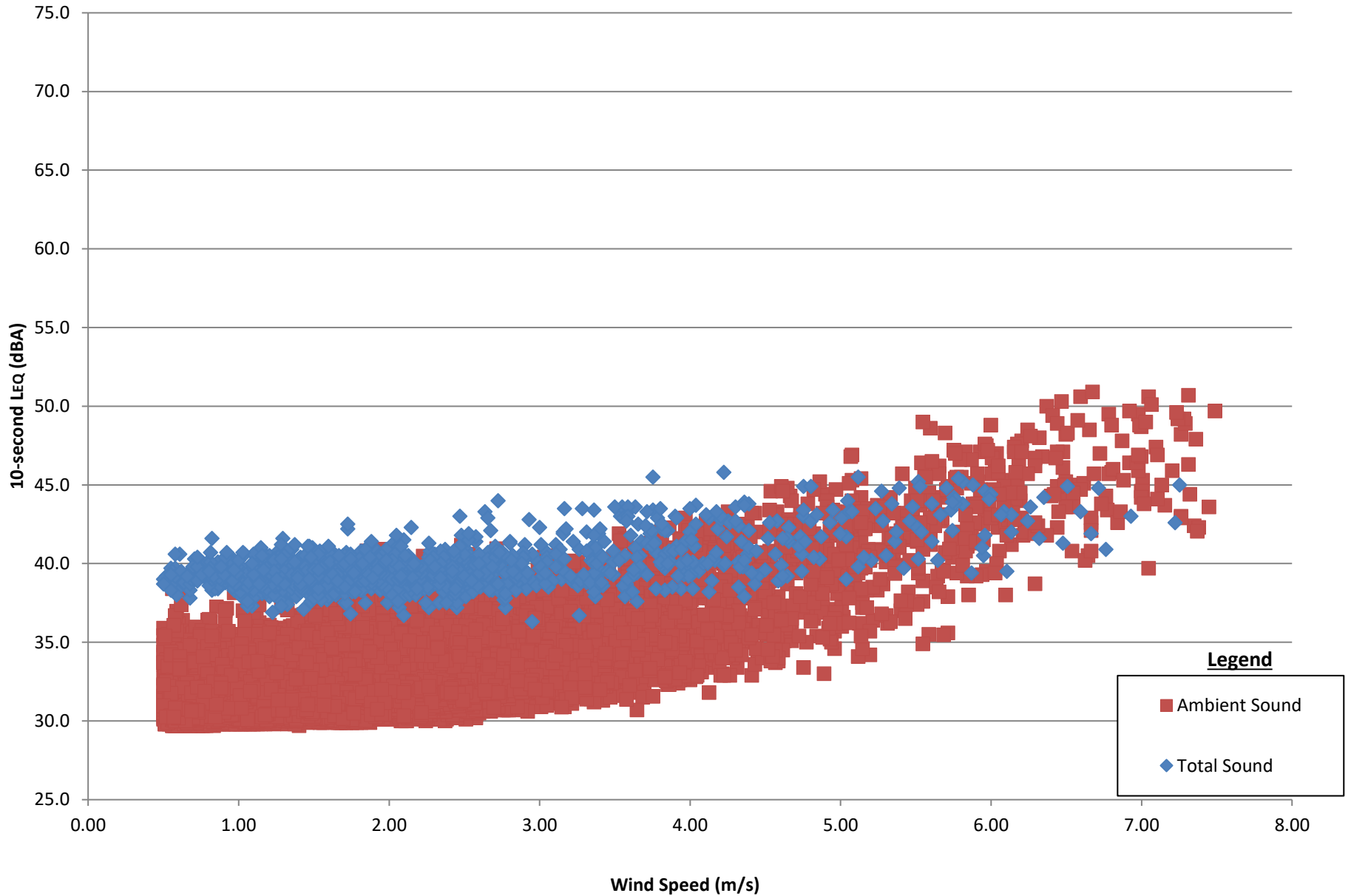
Drawn by: LRC

Figure: 2.1

Date: July 19, 2021



Figure 2.2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021



**Valid Total 10-Second Sound Data – Monitor C WTG0008
Spring 2021**

East Durham Wind Farm, County of Grey, Ontario

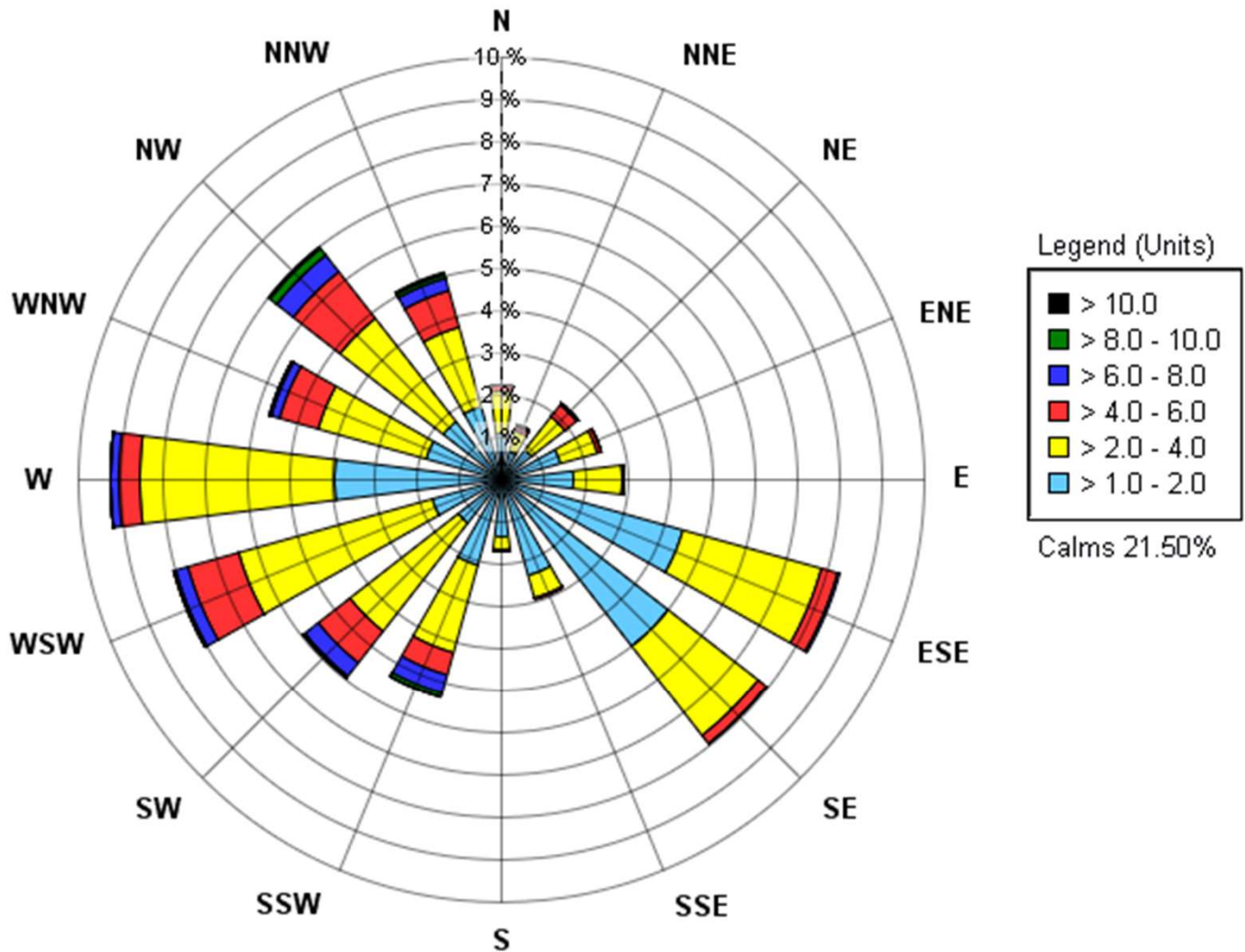
Project #1502606

Drawn by: LRC

Figure: 2.2

Date: July 19, 2021





Wind Rose Plot – Monitor C – Night Only, All Data

No precipitation
 March 18, 2021 to June 1, 2021

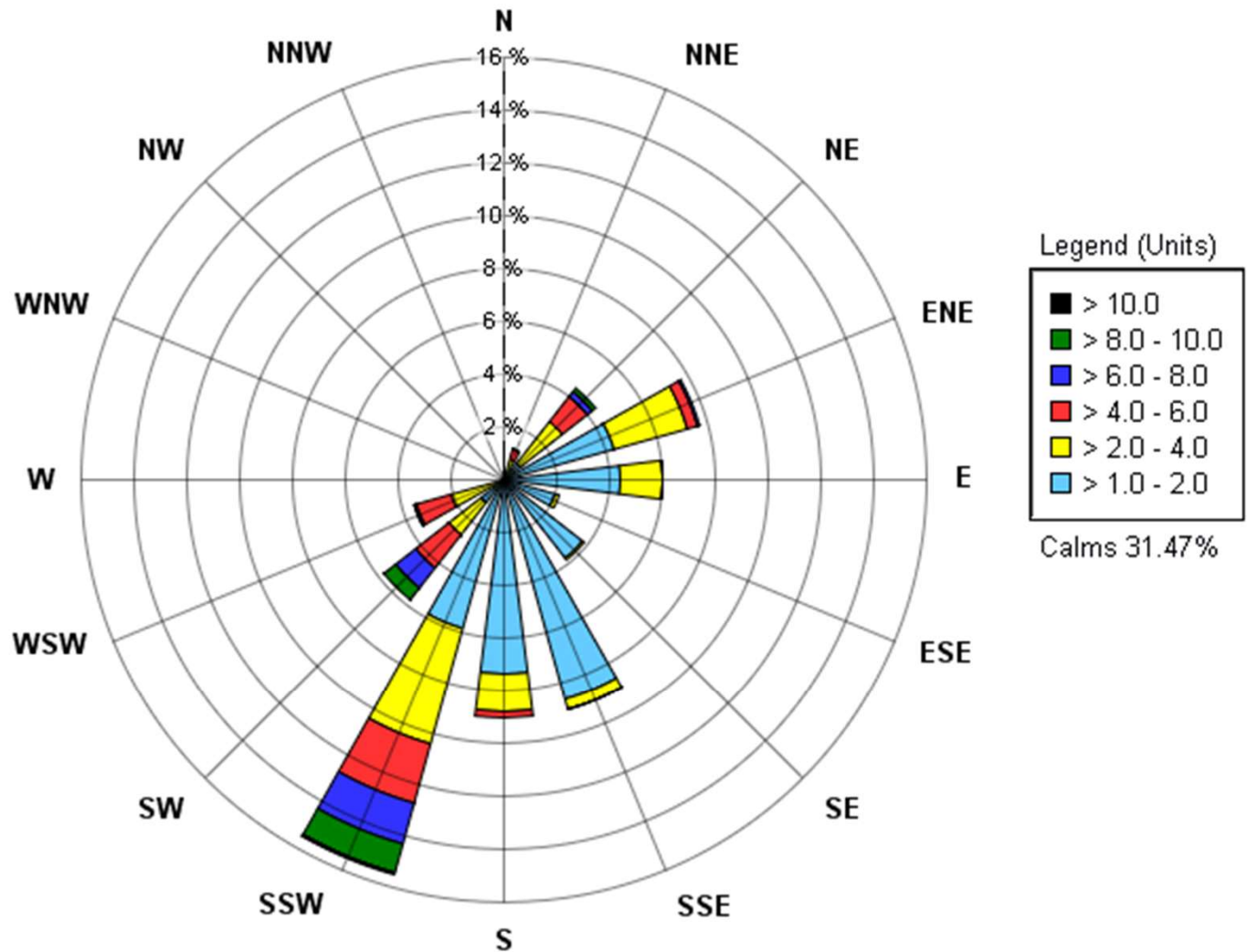
East Durham Wind Farm, County of Grey, Ontario

Project #1502606

Drawn by: ACCL Figure: 3.1

Date: July 20, 2021





Wind Rose Plot – Monitor C – Night Only, Operational

>85% max power, no precipitation
 March 18, 2021 to June 1, 2021

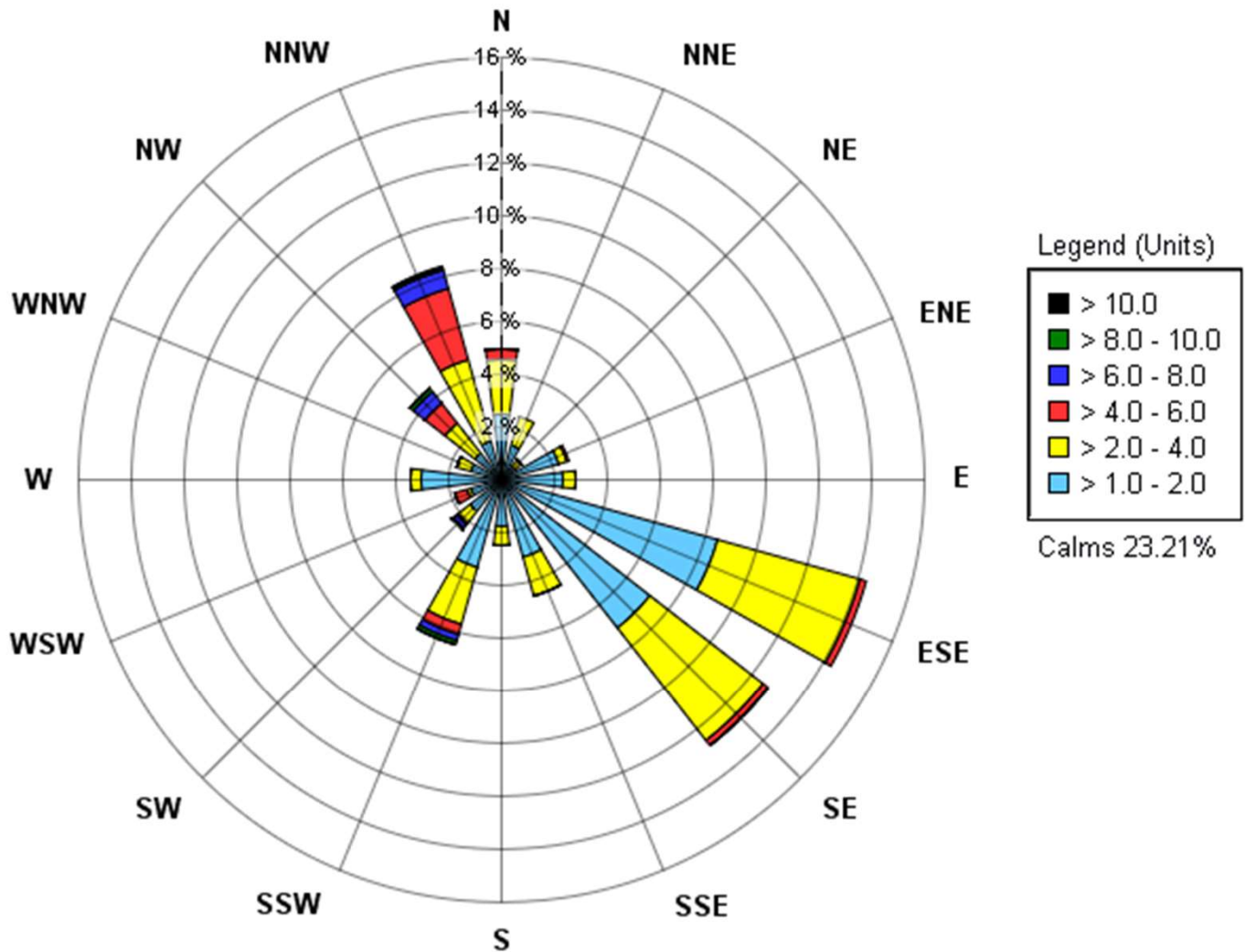
East Durham Wind Farm, County of Grey, Ontario

Project #1502606

Drawn by: ACCL Figure: 3.2

Date: July 20, 2021





Wind Rose Plot – Monitor C – Night Only, Parked

No precipitation, requested parked conditions
 March 18, 2021 to June 1, 2021

East Durham Wind Farm, County of Grey, Ontario

Drawn by: ACCL

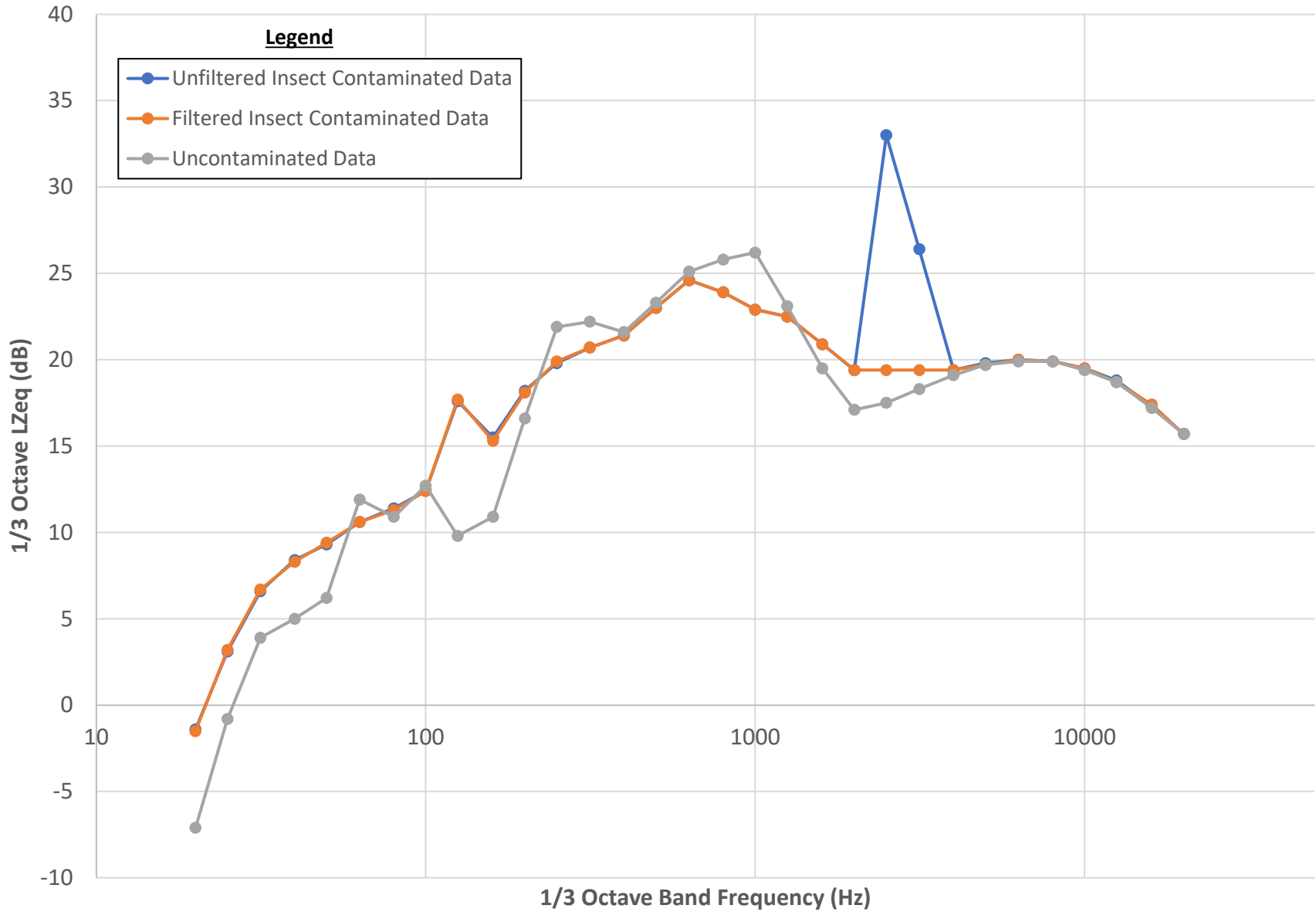
Figure: 3.3

Date: July 20, 2021

Project #1502606



Figure 4 - Sample of Insect Octave Band Filtering for Data



Sample of Insect Octave Band Filtering for Data
 Spring 2021

East Durham Wind Farm, County of Grey, Ontario

Project #1502606

Drawn by: LRC

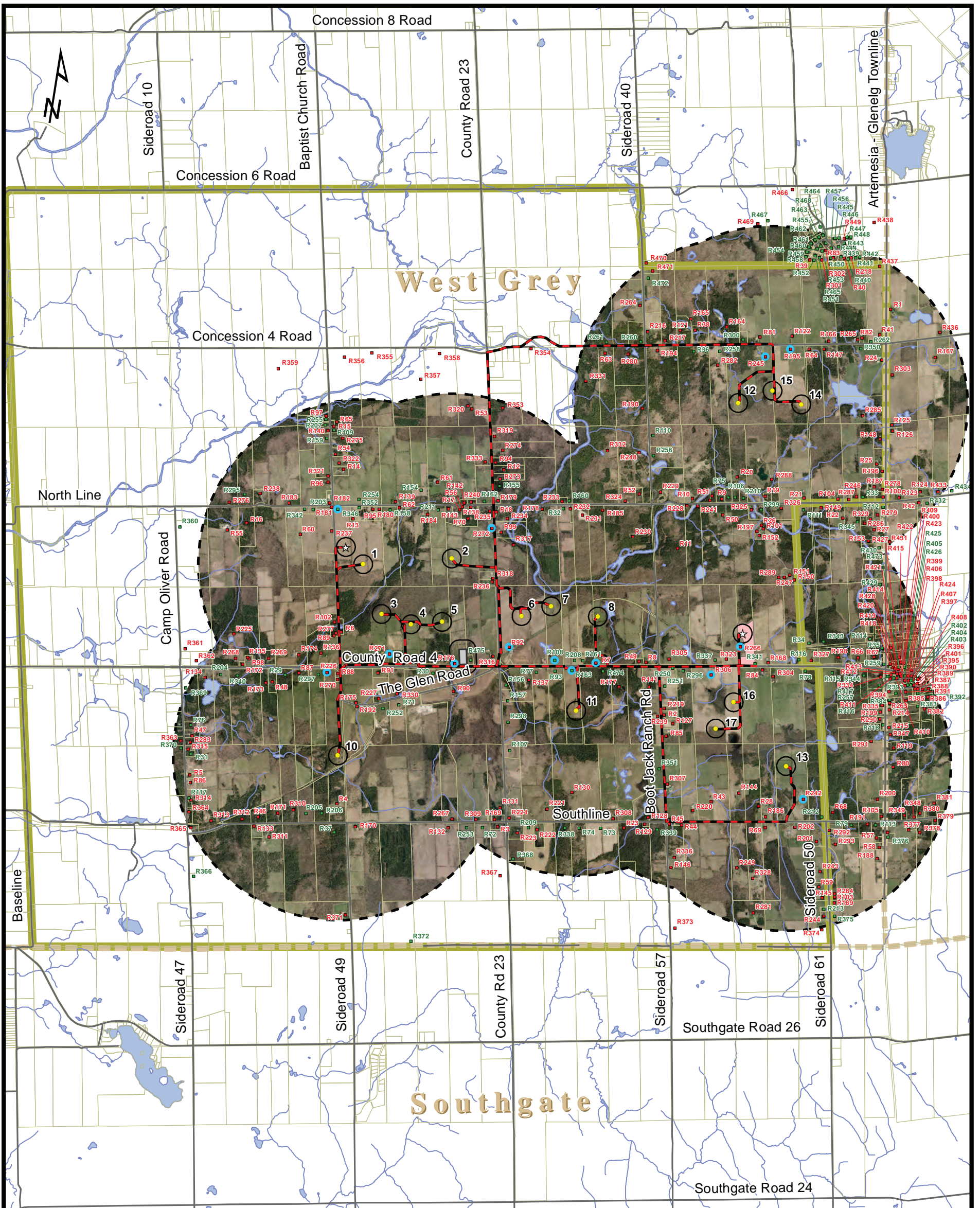
Figure: 4

Date: July 19, 2021



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APPENDIX A



Legend

- Receptor
- Vacant Lot Receptor
- Participating Receptor
- Proposed Wind Turbine (Sept 12, 2012)
- ☆ Proposed Met Tower
- ⊙ Town / Village
- Roadway
- Collection Line
- 120 m Buffer Distance / Project Location
- ⊖ 2 km Distance from Project Location
- Proposed Substation
- Laydown Area
- Parcel
- ⊖ Municipal Lower Tier
- Project Boundary



Scale: 0 500 1,000 2,000 3,000 m
1:50,000

Project: **EAST DURHAM WIND ENERGY CENTRE**

Title: **East Durham Site Plan**

Project No.: **MA-111-15446-MA**

Date: **November 2013**

Revision No.: **1**

Figure No.: **2-1**

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APPENDIX B

RENEWABLE ENERGY APPROVALNUMBER 7812-9E4QSC
Issue Date: January 20, 2014

East Durham Wind, Inc.
390 Bay Street, Suite 1720
Toronto, Ontario
M5H 2Y2

Project: East Durham Wind Energy Centre
Location: south of Concession 6, west of Sideroad 40,
Artemesia-Glenelg Townline and Sideroad 50, east of
Baseline Road and north of West-Grey Southgate
municipal boundary
Municipality of West Grey, County of Grey

You have applied in accordance with Section 47.4 of the Environmental Protection Act for approval to engage in a renewable energy project in respect of a Class 4 wind facility consisting of the following:

- the construction, installation, operation, use and retiring of a Class 4 wind facility with a total name plate capacity of 23 megawatts.

For the purpose of this renewable energy approval, the following definitions apply:

1. "Acoustic Assessment Report" means the report included in the Application and entitled "East Durham Wind Energy Centre Final Noise Assessment Report," dated December 10, 2013, prepared by Genivar Inc. and signed by Bhuwan Prasad and Patricia Becker;
2. "Acoustic Audit - Emission" means an investigative procedure that is compliant with the IEC Standard 61400-11 and consisting of measurements and/or acoustic modelling of noise emissions produced by wind turbine generators, assessed to determine compliance with the manufacturer's noise (acoustic) equipment specifications and emission data of the wind turbine generators, included in the Acoustic Assessment Report;

3. "Acoustic Audit - Immission" means an investigative procedure consisting of measurements and/or acoustic modelling of all sources of noise emissions due to the operation of the Equipment, assessed to determine compliance with the Noise Performance Limits set out in this Approval;
4. "Acoustic Audit Report-Emission" means a report presenting the results of the Acoustic Audit - Emission;
5. "Acoustic Audit Report-Immission" means a report presenting the results of the Acoustic Audit - Immission;
6. "Acoustic Audit Report - Transformer Substation" means a report presenting the results of the Acoustic Audit - Transformer Substation.
7. "Acoustical Consultant" means a person currently active in the field of environmental acoustics and noise/vibration control, who is knowledgeable about Ministry noise guidelines and procedures and has a combination of formal university education, training and experience necessary to assess noise emissions from wind facilities;
8. "Act" means the *Environmental Protection Act*, R.S.O 1990, c.E.19, as amended;
9. "Adverse Effect" has the same meaning as in the Act;
10. "Application" means the application for a Renewable Energy Approval dated January 23, 2013, and signed by F. Allen Wiley, East Durham Wind, Inc., and all supporting documentation submitted with the application, including amended documentation submitted up to the date this Approval is issued;
11. "Approval" means this Renewable Energy Approval issued in accordance with Section 47.4 of the Act, including any schedules to it;
12. "A-weighting" means the frequency weighting characteristic as specified in the International Electrotechnical Commission (IEC) Standard 61672, and intended to approximate the relative sensitivity of the normal human ear to different frequencies (itches) of sound. It is denoted as "A";
13. "A-weighted Sound Pressure Level" means the Sound Pressure Level modified by application of an A-weighting network. It is measured in decibels, A-weighted, and denoted "dBA";
14. CAN/CSA Standard C61400-11-07, "Wind Turbine Generator Systems – Part 11: Acoustic Noise Measurement Techniques", dated October 2007;
15. "Class 1 Area" means an area with an acoustical environment typical of a major population centre, where the background sound level is dominated by the activities of people, usually road traffic, often referred to as "urban hum";
16. "Class 2 Area" means an area with an acoustical environment that has qualities representative of both Class 1 and Class 3 Areas:

1. sound levels characteristic of Class 1 during daytime (07:00 to 19:00 or to 23:00 hours);
 2. low evening and night background sound level defined by natural environment and infrequent human activity starting as early as 19:00 hours (19:00 or 23:00 to 07:00 hours);
 3. no clearly audible sound from stationary sources other than from those under impact assessment.
17. "Class 3 Area" means a rural area with an acoustical environment that is dominated by natural sounds having little or no road traffic, such as the following:
1. a small community with less than 1000 population;
 2. agricultural area;
 3. a rural recreational area such as a cottage or a resort area; or
 4. a wilderness area.
18. "Company" means East Durham Wind, Inc. and includes its successors and assignees;
19. "Compliance Protocol for Wind Turbine Noise" means the Ministry document entitled, Compliance Protocol for Wind Turbine Noise, Guideline for Acoustic Assessment and Measurement, PIBS# 8540e;
20. "Decibel" means a dimensionless measure of Sound Level or Sound Pressure Level, denoted as dB;
21. "Director" means a person appointed in writing by the Minister of the Environment pursuant to section 5 of the Act as a Director for the purposes of section 47.5 of the Act;
22. "District Manager" means the District Manager of the appropriate local district office of the Ministry where the Facility is geographically located;
23. "Equipment" means the wind turbine generators and a transformer substation, identified in this Approval and as further described in the Application, to the extent approved by this Approval;
24. "Equivalent Sound Level" is the value of the constant sound level which would result in exposure to the same total A-weighted energy as would the specified time-varying sound, if the constant sound level persisted over an equal time interval. It is denoted L_{eq} and is measured in dB A-weighting (dBA);
25. "Facility" means the renewable energy generation facility, including the Equipment, as described in this Approval and as further described in the Application, to the extent approved by this Approval;
26. "Independent Acoustical Consultant" means an Acoustical Consultant who is not representing the Company and was not involved in preparing the Acoustic Assessment Report. The Independent Acoustical Consultant shall not be retained by the Acoustical Consultant involved in the noise impact assessment;

27. "Ministry" means the ministry of the government of Ontario responsible for the Act and includes all officials, employees or other persons acting on its behalf;
28. "Noise Guidelines for Wind Farms" means the Ministry document entitled, "Noise Guidelines for Wind Farms - Interpretation for Applying MOE NPC Publications to Wind Power Generation Facilities", dated October 2008;
29. "Noise Receptor" has the same meaning as in O. Reg. 359/09;
30. "O. Reg. 359/09" means Ontario Regulation 359/09 "Renewable Energy Approvals under Part V.0.1 of the Act" made under the Act;
31. "Point of Reception" has the same meaning as in the Noise Guidelines for Wind Farms and is subject to the same qualifications described in that document;
32. "Publication NPC-103" means Publication NPC-103, Procedures , August 1978.
33. "Publication NPC-233" means Ministry Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October 1995;
34. "Sound Level" means the A-weighted Sound Pressure Level;
35. "Sound Level Limit" is the limiting value described in terms of the one hour A-weighted Equivalent Sound Level L_{eq} ;
36. "Sound Power Level" means ten times the logarithm to the base of 10 of the ratio of the sound power (Watts) of a noise source to standard reference power of 10^{-12} Watts;
37. "Sound Pressure" means the instantaneous difference between the actual pressure and the average or barometric pressure at a given location. The unit of measurement is the micro pascal (μPa);
38. "Sound Pressure Level" means twenty times the logarithm to the base 10 of the ratio of the effective pressure (μPa) of a sound to the reference sound pressure of 20 μPa ;
39. "UTM" means Universal Transverse Mercator coordinate system.

You are hereby notified that this approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

A - GENERAL

A1. The Company shall construct, install, use, operate, maintain and retire the Facility in accordance with the terms and conditions of this Approval and the Application and in accordance with the following schedules attached hereto:

Schedule A - Facility Description

Schedule B - Coordinates of the Equipment and Noise Specifications

Schedule C - Noise Control Measures

A2. Where there is a conflict between a provision of this Approval and any document submitted by the Company, the conditions in this Approval shall take precedence. Where there is a conflict between one or more of the documents submitted by the Company, the document bearing the most recent date shall take precedence.

A3. The Company shall ensure a copy of this Approval is:

- (1) accessible, at all times, by Company staff operating the Facility and;
- (2) submitted to the clerk of each local municipality and upper-tier municipality in which the Facility is situated.

A4. If the Company has a publicly accessible website, the Company shall ensure that the Approval and the Application are posted on the Company's publicly accessible website within five (5) business days of receiving this Approval.

A5. The Company shall, at least six (6) months prior to the anticipated retirement date of the entire Facility, or part of the Facility, review its Decommissioning Plan Report to ensure that it is still accurate. If the Company determines that the Facility cannot be decommissioned in accordance with the Decommissioning Plan Report, the Company shall provide the Director and District Manager a written description of plans for the decommissioning of the Facility.

A6. The Facility shall be retired in accordance with the Decommissioning Plan Report and any directions provided by the Director or District Manager.

A7. The Company shall provide the District Manager and the Director at least ten (10) days written notice of the following:

- (1) the commencement of any construction or installation activities at the project location; and
- (2) the commencement of the operation of the Facility.

A8. As described in Schedule A of the Approval the Company shall:

- (1) not construct or operate more than fourteen (14) out of the sixteen (16) wind turbine generators and the one (1) transformer substation, as specified in Schedules A and B of the Approval;

- (2) construct and operate up to one of the General Electric model GE 1.39-100 LNTE wind turbine generator, with power rating equal to 1.39 MW, and a hub height of 80 m, at the location with UTM coordinates for the wind turbine generator designated as source ID No. T2; and
- (3) construct and operate up to one of the General Electric model GE 1.34-100 LNTE wind turbine generator, with power rating equal to 1.34 MW, and a hub height of 80 m, at the location with UTM coordinates for the wind turbine generator designated as source ID No. T6.

B - EXPIRY OF APPROVAL

- B1. Construction and installation of the Facility must be completed within three (3) years of the later of:
 - (1) the date this Approval is issued; or
 - (2) if there is a hearing or other litigation in respect of the issuance of this Approval, the date that this hearing or litigation is disposed of, including all appeals.
- B2. This Approval ceases to apply in respect of any portion of the Facility not constructed or installed before the later of the dates identified in Condition B1.

C - NOISE PERFORMANCE LIMITS

- C1. The Company shall ensure that:
 - (1) the Sound Levels from the Equipment, at the Points of Reception identified in the Acoustic Assessment Report, comply with the Sound Level Limits set in the Noise Guidelines for Wind Farms, as applicable, and specifically as stated in the table below:

Wind Speed (m/s) at 10 m height	4	5	6	7	8	9	10
Sound Level Limits, dBA	40.0	40.0	40.0	43.0	45.0	49.0	51.0

- (2) the Equipment is constructed and installed at either of the following locations:
 - a) at the locations identified in Schedule B of this Approval; or
 - b) at a location that does not vary by more than 10 metres from the locations identified in Schedule B of this Approval and provided that,
 - i) the Equipment will comply with Condition C1 (1); and
 - ii) all setback prohibitions established under O. Reg. 359/09 are complied with.
- (3) the Equipment complies with the noise specifications set out in Schedule B of this Approval.

- C2. If the Company determines that some or all of the Equipment cannot be constructed in accordance with Condition C1 (2), prior to the construction and installation of the Equipment in question, the Company shall apply to the Director for an amendment to the terms and conditions of the Approval.
- C3. Within three (3) months of the completion of the construction of the Facility, the Company shall submit to the Director a written confirmation signed by an individual who has the authority to bind the Company that the UTM coordinates of the “as constructed” Equipment comply with the requirements of Condition C1 (2).

D – CONFIRMATION OF VACANT LOT NOISE RECEPTORS

- D1. The one hundred thirteen (113) locations identified in the Table 9.9 entitled “Combined Wind Turbine & Transformer Noise Impact Summary”, of the East Durham Wind Energy Centre Final Noise Assessment Report, as the Non-Participating Vacant Lots with ID numbers 29-37, 71-79, 93, 106-107, 109-118, 154-162, 203-213, 250-262, 295-300, 337-345, 350-352, 376, 383-384, 392-393, 402-405, 416-417, 425, 439-440, 450-456, 458-462, 465 and 472-475, are specified as Noise Receptors for the purposes of subsection 54 (1.1) of O. Reg. 359/09.

E - ACOUSTIC AUDIT - IMMISSION

- E1. The Company shall carry out an Acoustic Audit - Immission of the Sound Levels produced by the operation of the Equipment in accordance with the following:
 - (1) the acoustic audit measurements shall be undertaken in accordance with Part D of the Compliance Protocol for Wind Turbine Noise;
 - (2) the acoustic audit measurements shall be performed by an Independent Acoustical Consultant on two (2) separate occasions at the five (5) different Points of Reception.
 - (3) the Points of Reception shall be selected using the following criteria, subject to the constraints imposed by the location of the Points of Reception with respect to the location of the Equipment:
 - (a) the selected Point(s) of Reception should represent the location of the greatest predicted noise impacts, i.e., the highest predicted Sound Levels; and
 - (b) the selected Point(s) of Reception should be located in the direction of prevailing winds from the Facility.
- E2. The Company shall submit to the District Manager and the Director an Acoustic Audit Report - Immission, prepared by an Independent Acoustical Consultant, at the following points in time:
 - (1) no later than twelve (12) months after the commencement of the operation of the Facility for the first of the two (2) acoustic audit measurements at the five (5) Points of Reception; and

(2) no later than eighteen (18) months after the commencement of the operation of the Facility for the second of the two (2) acoustic audit measurements at the five (5) Points of Reception.

E3. The Company shall carry out an Acoustic Audit - Transformer Substation and shall submit to the District Manager and the Director an Acoustic Audit Report – Transformer Substation prepared by an Independent Acoustical Consultant no later than six (6) months after the commencement of the operation of the Facility.

F - ACOUSTIC AUDIT- EMISSION

F1. The Company shall carry out an Acoustic Audit - Emission of the acoustic emissions produced by the operation of the wind turbine generators in accordance with the following:

- (1) the acoustic emission measurements of the wind turbine generators shall be undertaken in accordance with the CAN/CSA Standard C61400-11-07;
- (2) the acoustic emission measurements shall be performed by an Independent Acoustical Consultant; and
- (3) the acoustic emission measurements shall be performed on one (1) wind turbine generator of each of the three (3) types of the wind turbine generators used in the Facility and specified in Schedules A and B of the Approval.

F2. The Company shall submit to the District Manager and the Director an Acoustic Audit Report-Emission, prepared in accordance with Section 9 of the CAN/CSA Standard C61400-11-07 by an Independent Acoustical Consultant, no later than twelve (12) months after the commencement of the operation of the Facility.

G - STORMWATER MANAGEMENT

G1. The Company shall employ best management practices for stormwater management and sediment and erosion control during construction, installation, use, operation, maintenance and retiring of the Facility, as described in the Application.

G2. The Company shall develop and implement an erosion and sediment control plan prior to the commencement of construction of the Facility.

G3. Within six (6) months of the completion of the construction of the Facility, the Company shall provide the District Manager with a written description of post-construction stormwater management conditions.

H - WATER TAKING ACTIVITIES

- H1. In the event that water taking occurs, the Company shall regulate the discharge, discharging through energy dissipation and filtration systems. Initial point of discharge to these systems from the pump hoses(s) shall be a minimum of 30 metres from surface water features. Energy dissipation and filtration control devices shall be implemented at the discharge site(s). Energy dissipation and filtration control devices shall be sufficient to control the volumes and shall be properly maintained.
- H2. In the event that water taking occurs, the Company shall monitor water level and streamflow at any watercourse within 30 metres of the proposed discharge locations for the duration of dewatering activities using staff gauges, water level data loggers, and manual in-stream flow measurement tools to calculate watercourse assimilation capacity.
- H3. In the event that water taking occurs, the Company shall collect surface water samples from any watercourse within 30 metres of the discharge locations before and after construction to determine background watercourse water quality at discharge locations.
- H4. The Company shall ensure that any water discharged to the natural environment does not result in scouring, erosion or physical alteration of stream channels or banks and that there is no flooding in the receiving area or water body, downstream water bodies, ditches or properties caused or worsened by this discharge.
- H5. The Company shall not discharge turbid water to any watercourse. Turbid water shall be defined as any discharge water or diverted water with a maximum increase of 5 NTUs above the receiving stream's background levels.
- H6. In the event that water taking occurs, the Company shall, on each day water is taken, record the date, the volume of water taken on that date, and the rate at which it was taken. The daily volume of water taken shall be measured by a flow meter or estimated based on the rate and duration of pumping. The Company shall keep all records required by this condition current, and shall make these records available for review by the Ministry upon request.
- H7. The Company shall conduct a monitoring program, documenting all water taking activities and discharges of water during construction of the Facility. The Company shall submit a report to the District Manager with the results of the monitoring program following the completion of water taking activities for the Facility. The report shall include, but not be limited to, an erosion and sediment control plan, records of water taking, locations of the discharge of water, and any water quality and quantity sampling conducted during construction of the Facility.

I - ACCIDENTAL SPILLS

- I1. The Company shall ensure that all equipment used at the site is well maintained, clean and free of leaks. Maintenance on construction equipment such as refuelling, oil changes or lubrication shall only be permitted in designated areas located at a minimum 30 metres from any water feature, and all precautions shall be made to prevent oil, grease, antifreeze or other materials from entering the ground or surface water flow.

- I2. The Company shall ensure that adequate spill clean-up equipment and/or supplies are available at the site for fuel, oil and lubricant spills, and that all on-site operators are familiar with the use of such equipment and/or supplies.

J - SURFACE WATER

- J1. The Company shall retain a qualified person to conduct daily monitoring and recording of on-site conditions during the installation of electrical collection line at the Saugeen River crossing.
- J2. The Company shall retain a qualified person to conduct daily monitoring and recording of on-site conditions during active directional drilling beneath any watercourses.
- J3. The Company shall undertake, as necessary, any other proposed mitigation measures for water bodies described in the Water Assessment and Water Body Report, dated October 2012, prepared by LGL Limited.

K - SEWAGE WORKS OF THE TRANSFORMER SUBSTATION SPILL CONTAINMENT FACILITY

- K1. The Company shall design and construct a transformer substation oil spill containment facility which meets the following requirements:
- (1) the spill containment facility serving the transformer substation shall have a minimum volume equal to the volume of transformer oil and lubricants plus the volume equivalent to providing a minimum 24-hour duration, 50-year return storm capacity for the stormwater drainage area around the transformer under normal operating conditions. This containment area shall have:
 - (a) an impervious floor with walls usually of reinforced concrete or impervious plastic liners, sloped toward an outlet / oil control device, allowing for a freeboard of 0.25 metres terminating approximately 0.30 metres above grade to prevent external stormwater flows from entering the facility. The facility shall have a minimum of 300mm layer of crushed stoned (19mm to 38mm in diameter) within, all as needed in accordance to site specific conditions and final design parameters; or
 - (b) a permeable floor with impervious plastic walls and around the transformer pad; equipped with subsurface drainage with a minimum 50mm diameter drain installed on a sand layer sloped toward an outlet for sample collection purposes; designed with an oil absorbent material on floor and walls, and allowing for a freeboard of 0.25 metres terminating approximately 0.30 metres above grade to prevent external stormwater flows from entering the facility. The facility's berm shall be designed as needed in accordance to site specific conditions and the facility shall have a minimum 300mm layer of crushed stoned (19mm to 38mm in diameter) on top of the system, as needed in accordance to site specific conditions and final design parameters.

- (2) the spill containment facility shall be equipped with an oil detection system; it also shall have a minimum of two (2) PVC pipes (or equivalent material) 50mm diameter to allow for visual inspection of water accumulation. One pipe has to be installed half way from the transformer pad to the vehicle access route;
- (3) the spill containment facility shall have appropriate sewage appurtenances as necessary, such as but not limited to: sump, oil/grit separator, pumpout manhole, level controllers, floating oil sensors, etc., that allows for batch discharges or direct discharges and for proper implementation of the monitoring program described under Condition K4; and
- (4) the Company shall have a qualified person on-site during construction to ensure that the system is installed in accordance with the approved design and specifications.

K2. The Company shall:

- (1) within six (6) months after the completion of the construction of the transformer substation spill containment facility, provide to the District Manager an engineering report and as-built design drawings of the sewage works for the spill containment facility and any stormwater management works required for it, signed and stamped by an independent Professional Engineer licensed in Ontario and competent in electrical and environmental engineering. The engineering report shall include the following:
 - (a) as-built drawings of the sewage works for the spill containment facility and any stormwater management works required for it;
 - (b) a written report signed by a qualified person confirming the following:
 - (i) on-site supervision during construction
 - (ii) in case of a permeable floor systems: type of oil absorbent material used (for mineral-based transformer oil or vegetable-based transformer oil, make and material's specifications)
 - (ii) use of stormwater best management practices applied to prevent external surface water runoff from entering the spill containment facility, and
 - (iv) confirm adequacy of the installation in accordance with specifications.
 - (c) confirmation of the adequacy of the operating procedures and the emergency procedures manuals as it pertains to the installed sewage works.
 - (d) procedures to provide emergency response to the site in the form of pumping and clean-up equipment within 24 hours after an emergency has been identified. Such response shall be provided even under adverse weather conditions to prevent further danger of material loss to the environment.
- (2) as a minimum, the Company shall check the oil detection systems on a monthly basis and create a written record of the inspections;

- (3) ensure that the effluent is essentially free of floating and settle-able solids and does not contain oil or any other substance in amounts sufficient to create a visible film, sheen or foam on the receiving waters;
- (4) immediately identify and clean-up all losses of oil from the transformer;
- (5) upon identification of oil in the spill containment facility, take immediate action to prevent the further occurrence of such loss;
- (6) ensure that equipment and material for the containment, clean-up and disposal of oil and materials contaminated with oil are kept within easy access and in good repair for immediate use in the event of:
 - (a) loss of oil from the transformer,
 - (b) a spill within the meaning of Part X of the Act, or
 - (c) the identification of an abnormal amount of oil in the effluent.
- (7) in the event of finding water accumulation in the PVC pipes at the time of inspection, as per Condition K4, the Company shall: (a) for impervious floors, inspect the sewage appurtenances that allow drainage of the concrete pit; or (b) for permeable systems, replace the oil absorbent material to ensure integrity of the system performance and design objectives.
- (8) for permeable floor systems, the Company shall only use the type of oil specified in the design, i.e. mineral-based transformer oil or vegetable-based transformer oil. If a change is planned to modify the type of oil, the Company shall also change the type of the oil absorbent material and obtain approval from the Director to amend this Approval before any modification is implemented.

K3. The Company shall design, construct and operate the sewage works such that the concentration of the effluent parameter named in the table below does not exceed the maximum Concentration Objective shown for that parameter in the effluent, and shall comply with the following requirements:

Effluent Parameters	Maximum Concentration Objective
Oil and Grease	15mg/L

- (1) notify the District Manager as soon as reasonably possible of any exceedance of the maximum concentration objective set out in the table above;
- (2) take immediate action to identify the cause of the exceedance; and
- (3) take immediate action to prevent further exceedances.

K4. Upon commencement of the operation of the Facility, the Company shall establish and carry out the following monitoring program for the sewage works:

- (1) the Company shall collect and analyze the required set of samples at the sampling points listed in the table below in accordance with the measurement frequency and sample type specified for the effluent parameter, oil and grease, and create a written record of the monitoring:

Effluent Parameters	Measurement Frequency and Sample Points	Sample Type
Oil and Grease	Quarterly, i.e. four times over a year, relatively evenly spaced having a minimum two (2) of these samples taken within 48 hours after a 10mm rainfall event.	Grab

- (2) in the event of an exceedance of the maximum concentration objective set out in the table in Condition K3, the Company shall:
 - (a) increase the frequency of sampling to once per month, for each month that effluent discharge occurs, and
 - (b) provide the District Manager, on a monthly basis, with copies of the written record created for the monitoring until the District Manager provides written direction that monthly sampling and reporting is no longer required; and
- (3) if over a period of twenty-four (24) months of effluent monitoring under Condition K4, there are no exceedances of the maximum concentration set out in the table for Concentration Objective, the Company may reduce the measurement frequency of effluent monitoring to a frequency as the District Manager may specify in writing, provided that the new specified frequency is never less than annual.

K5. The Company shall comply with the following methods and protocols for any sampling, analysis and recording undertaken in accordance with Condition K4:

- (1) Ministry of the Environment publication "Protocol for the Sampling and Analysis of Industrial/ Municipal Wastewater", January 1999, as amended from time to time by more recently published editions, and
- (2) the publication "Standard Methods for the Examination of Water and Wastewater", 21st edition, 2005, as amended from time to time by more recently published editions.

L – NATURAL HERITAGE

General

- L1. The Company shall implement the Environmental Effects Monitoring Plan for the East Durham Wind Energy Centre, dated May 2013, and the commitments made in the following reports and included in the Application, and which the Company submitted to the Ministry of Natural Resources in order to comply with O. Reg. 359/09:
 - (1) East Durham Wind Energy Centre Natural Heritage Assessment, dated November 2012, prepared by LGL Limited; and

- (2) East Durham Wind Energy Centre Natural Heritage Assessment- Addendum, dated December 2012, prepared by LGL Limited.

L2. If the Company determines that it must deviate from the Environmental Effects Monitoring Plan, Natural Heritage Assessment, or Addendum thereto, described in Condition L1, the Company shall contact the Ministry of Natural Resources and the Director, prior to making any changes to the Environmental Effects Monitoring Plan, Natural Heritage Assessment, or Addendum, and follow any directions provided.

Pre Construction Monitoring - Significant Wildlife Habitat

L3. The Company shall implement the pre-construction monitoring described in the Natural Heritage Assessment and Addendum described in Condition L1, including the following:

- (1) A baseline survey of Bat Maternity Colony Habitat (BMA-007);
- (2) A baseline survey of Amphibian Wetland Breeding Habitat (WH-ABWE-01); and
- (3) A baseline survey of Colonial Nesting Bird Breeding Habitat (WH-CNTS-13).

Post Construction Monitoring - Significant Wildlife Habitat

L4. The Company shall implement the post-construction monitoring described in the Environmental Effects Monitoring Plan, described in Condition L1, including the following:

- (1) Disturbance Monitoring for Amphibian Woodland Breeding Habitat where access roads are within 30m of SWH-ABWO-01, SWH-ABWO-02, SWH-ABWO-03 and SWH-ABWO-04.

L5. Based on the results of the pre-construction monitoring described in Condition L3, should any of the Wildlife Habitats described in Condition L3 be deemed significant, the Company shall implement the post-construction monitoring described in the Environmental Effects Monitoring Plan and Addendum described in Condition L1, at the specific habitats that are found to be significant, including the following:

- (1) Disturbance Monitoring for Bat Maternity Colony Habitat (BMA-007); and
- (2) Disturbance Monitoring for Amphibian Wetland Breeding Habitat (WH-ABWE-01)

Post Construction Monitoring - Birds and Bats Mortality Monitoring

L6. The Company shall implement the post-construction bird and bat mortality monitoring described in the Environmental Effects Monitoring Plan, described in Condition L1, at a minimum of 10 of (up to) 14 constructed turbines. If constructed, Turbines 8, 10, and 11 must be monitored as three (3) of the selected turbines.

Thresholds and Mitigation

- L7. The Company shall contact the Ministry of Natural Resources and the Director if any of the following bird and bat mortality thresholds, as stated in the Environmental Effects Monitoring Plan for the East Durham Wind Energy Centre described in Condition L1, exceeds:
- (1) 10 bats per turbine per year;
 - (2) 14 birds per turbine per year at individual turbines or turbine groups;
 - (3) 0.2 raptors per turbine per year (all raptors) across the Facility;
 - (4) 0.1 raptors per turbine per year (provincially tracked raptors) across the Facility;
 - (5) 10 or more birds at any one turbine during a single monitoring survey; or
 - (6) 33 or more birds (including raptors) at multiple turbines during a single monitoring survey.
- L8. If the bat mortality threshold described in Condition L7(1) is exceeded, the Company shall:
- (1) implement operational mitigation measures consistent with those described in the Ministry of Natural Resources publication entitled "Bats and Bat Habitats: Guidelines for Wind Power Projects" dated July 2011, or in an amended version of the publication;
 - (2) increase cut-in speed to 5.5 m/s and/or feather wind turbine blades when wind speeds are below 5.5 m/s between sunset and sunrise, from July 15 to September 30 at all turbines for the operating life of the facility; and
 - (3) implement an additional three (3) years of effectiveness monitoring.
- L9. If the bat mortality threshold described in Condition L7(1) is exceeded after operational mitigation is implemented in accordance with Condition L8, the Company shall prepare and implement a contingency plan, in consultation with the Ministry of Natural Resources, to address mitigation actions which shall include additional mitigation and scoped monitoring requirements.
- L10. If any of the bird mortality thresholds described in Conditions L7(2), L7(3), L7(4) are exceeded for turbines located within 120m of bird significant wildlife habitat while monitoring is being implemented in accordance with L6, the Company shall implement immediate mitigation actions as described in the Natural Heritage Assessment and Environmental Effects Monitoring Plan described in Condition L1, and an additional three (3) years of effectiveness monitoring.

- L11. If any of the bird mortality thresholds described in Conditions L7(2), L7(3), or L7(4) are exceeded for turbines located outside 120 metres of bird significant wildlife habitat, the Company shall conduct two (2) years of subsequent scoped mortality monitoring. Following the completion of scoped monitoring, the Company shall implement operational mitigation and effectiveness monitoring at individual turbines as agreed to between the Company and the Ministry of Natural Resources, for the first three (3) years following the implementation of mitigation.
- L12. If either of the bird mortality thresholds described in Conditions L7(5) or L7(6) are exceeded, the Company shall prepare and implement a contingency plan to address immediate mitigation actions which shall include:
- (1) periodic shut-down of select turbines; or
 - (2) blade feathering at specific times of year; or
 - (3) an alternate plan agreed to between the Company and the Ministry of Natural Resources.
- L13. If any of the bird mortality thresholds described in Conditions L7(2), L7(3), or L7(4) are exceeded while monitoring is being implemented in accordance with Condition L10 or L11, or if either of the bird mortality thresholds described in Conditions L7(5) or L7(6) are exceeded after mitigation is implemented in accordance with Condition L12, the Company shall contact the Ministry of Natural Resources and prepare and implement an appropriate response plan that shall include some or all of the following mitigation measures:
- (1) increased reporting frequency to identify potential threshold exceedance;
 - (2) additional behavioural studies to determine factors affecting mortality rates;
 - (3) periodic shut-down of select turbines;
 - (4) blade feathering at specific times of year; or
 - (5) an alternate plan agreed to between the Company and the Ministry of Natural Resources.

Reporting and Review of Results

- L14. The Company shall report, in writing, the results of the post-construction disturbance monitoring described in Conditions L4 and L5, to the Ministry of Natural Resources for one (1) year, and within three (3) months of the end of the calendar year in which the monitoring took place for the following habitats:
- (1) Amphibian Woodland Breeding for SWH-ABWO-01, SWH-ABWO-02, SWH-ABWO-03, and SWH-ABWO-04.

- L15. The Company shall report, in writing, the results of the post-construction disturbance monitoring described in Conditions L4 and L5, to the Ministry of Natural Resources for three (3) years, and within three (3) months of the end of the calendar year in which the monitoring took place for the following habitat:
- (1) Bat Maternity Colony BMA-007.
- L16. The Company shall report, in writing, bird and bat mortality levels to the Ministry of Natural Resources for three (3) years on an annual basis and within three (3) months of the conclusion of the November mortality monitoring, with the exception of the following:
- (1) if either of the bird mortality thresholds described in Conditions L7(5) or L7(6) are exceeded, the Company shall report the mortality event to the Ministry of Natural Resources within 48 hours of observation or the next business day;
 - (2) for any and all mortality of species at risk (including a species listed on the Species at Risk in Ontario list as Extirpated, Endangered or Threatened under the provincial *Endangered Species Act, 2007*) that occurs, the Company shall report the mortality to the Ministry of Natural Resources within 24 hours of observation or the next business day;
 - (3) if the bat mortality threshold described in Condition L7(1) is exceeded, the Company shall report mortality levels to the Ministry of Natural Resources for the additional three (3) years of monitoring described in Condition L8, on an annual basis and within three (3) months of the conclusion of the October mortality monitoring for each year;
 - (4) if any of the bird mortality thresholds described in Conditions L7(2), L7(3), or L7(4) are exceeded for turbines located within 120m of bird significant wildlife habitat, the Company shall report mortality levels to the Ministry of Natural Resources for the additional three (3) years of effectiveness monitoring described in Condition L10, on an annual basis and within three (3) months of the conclusion of the November mortality monitoring for each year;
 - (5) if any of the bird mortality thresholds described in Conditions L7(2), L7(3), or L7(4) are exceeded for turbines located outside 120 m of bird significant wildlife habitat, the Company shall report mortality levels to the Ministry of Natural Resources for the additional two (2) years of cause and effects monitoring described in Condition L11, on an annual basis and within three (3) months of the conclusion of the November mortality monitoring for each year; and
 - (6) if the Company implements operational mitigation following cause and effects monitoring in accordance with Condition L11, the Company shall report mortality levels to the Ministry of Natural Resources for the three (3) years of subsequent effectiveness monitoring described in Condition L11, on an annual basis and within three (3) months of the conclusion of the November mortality monitoring for each year.

Additional Post Construction Requirements

- L17. As identified in the Natural Heritage Assessment and Environmental Effects Monitoring Plan, described in Condition L1, if turbines T10 or T17 are built, a woodland restoration plan will be prepared in consultation with Ministry of Natural Resources staff and submitted to the Ministry of Natural Resources within the first year of operation of the Facility.

M – ENDANGERED SPECIES ACT REQUIREMENTS

- M1. No construction or installation activities shall be commenced in areas at the project location that support habitat for Bobolink and Eastern Meadowlark until the Company has met all requirements under the *Endangered Species Act, 2007*.

N - TRAFFIC MANAGEMENT PLANNING

- N1. Within three (3) months of receiving this Approval, the Company shall prepare a Traffic Management Plan and provide it to the Municipality of West Grey and the County of Grey.
- N2. Within three (3) months of having provided the Traffic Management Plan to the Municipality of West Grey and the County of Grey, the Company shall make reasonable efforts to enter into a Road Users Agreement with the Municipality of West Grey and the County of Grey.
- N3. If a Road Users Agreement has not been signed with the Municipality of West Grey and the County of Grey within three (3) months of having provided the Traffic Management Plan to the Municipality of West Grey and the County of Grey, the Company shall provide a written explanation to the Director as to why this has not occurred.

O - ARCHAEOLOGICAL RESOURCES

- O1. The Company shall implement all of the recommendations, if any, for further archaeological fieldwork and for the protection of archaeological sites found in the consultant archaeologist's report included in the Application, and which the Company submitted to the Ministry of Tourism, Culture and Sport in order to comply with O. Reg. 359/09.
- O2. Should any previously undocumented archaeological resources be discovered, the Company shall:
- (1) cease all alteration of the area in which the resources were discovered immediately;
 - (2) engage a consultant archaeologist to carry out the archaeological fieldwork necessary to further assess the area and to either protect and avoid or excavate any sites in the area in accordance with the *Ontario Heritage Act*, the regulations under that act and the Ministry of Tourism, Culture and Sport's *Standards and Guidelines for Consultant Archaeologists*; and
 - (3) notify the Director as soon as reasonably possible.

P - COMMUNITY LIAISON COMMITTEE

- P1. Within three (3) months of receiving this Approval, the Company shall make reasonable efforts to establish a Community Liaison Committee. The Community Liaison Committee shall be a forum to exchange ideas and share concerns with interested residents and members of the public. The Community Liaison Committee shall be established by:
- (1) publishing a notice in a newspaper with general circulation in each local municipality in which the project location is situated; and
 - (2) posting a notice on the Company's publicly accessible website, if the Company has a website; to notify members of the public about the proposal for a Community Liaison Committee and invite residents living within a one (1) kilometre radius of the Facility that may have an interest in the Facility to participate on the Community Liaison Committee.
- P2. The Company may invite other members of stakeholders to participate in the Community Liaison Committee, including, but not limited to, local municipalities, local conservation authorities, Aboriginal communities, federal or provincial agencies, and local community groups.
- P3. The Community Liaison Committee shall consist of at least one Company representative who shall attend all meetings.
- P4. The purpose of the Community Liaison Committee shall be to:
- (1) act as a liaison facilitating two way communications between the Company and members of the public with respect to issues relating to the construction, installation, use, operation, maintenance and retirement of the Facility;
 - (2) provide a forum for the Company to provide regular updates on, and to discuss issues or concerns relating to, the construction, installation, use, operation, maintenance and retirement of the Facility with members of the public; and
 - (3) ensure that any issues or concerns resulting from the construction, installation, use, operation, maintenance and retirement of the Facility are discussed and communicated to the Company.
- P5. The Community Liaison Committee shall be deemed to be established on the day the Director is provided with written notice from the Company that representative Community Liaison Committee members have been chosen and a date for a first Community Liaison Committee meeting has been set.
- P6. If a Community Liaison Committee has not been established within three (3) months of receiving this Approval, the Company shall provide a written explanation to the Director as to why this has not occurred.

- P7. The Company shall ensure that the Community Liaison Committee operates for a minimum period of two (2) years from the day it is established. During this two (2) year period, the Company shall ensure that the Community Liaison Committee meets a minimum of two (2) times per year. At the end of this two (2) year period, the Company shall contact the Director to discuss the continued operation of the Community Liaison Committee.
- P8. The Company shall ensure that all Community Liaison Committee meetings are open to the general public.
- P9. The Company shall provide administrative support for the Community Liaison Committee including, at a minimum:
- (1) providing a meeting space for Community Liaison Committee meetings;
 - (2) providing access to resources, such as a photocopier, stationery, and office supplies, so that the Community Liaison Committee can:
 - a) prepare and distribute meeting notices;
 - b) record and distribute minutes of each meeting; and
 - c) prepare reports about the Community Liaison Committee's activities.
- P10. The Company shall submit any reports of the Community Liaison Committee to the Director and post it on the Company's publicly accessible website, if the Company has a website.

Q - OPERATION AND MAINTENANCE

- Q1. Prior to the commencement of the operation of the Facility, the Company shall prepare a written manual for use by Company staff outlining the operating procedures and a maintenance program for the Equipment that includes as a minimum the following:
- (1) routine operating and maintenance procedures in accordance with good engineering practices and as recommended by the Equipment suppliers;
 - (2) emergency procedures;
 - (3) procedures for any record keeping activities relating to operation and maintenance of the Equipment; and
 - (4) all appropriate measures to minimize noise emissions from the Equipment.
- Q2. The Company shall;
- (1) update, as required, the manual described in Condition Q1; and

- (2) make the manual described in Condition Q1 available for review by the Ministry upon request.
- Q3. The Company shall ensure that the Facility is operated and maintained in accordance with the Approval and the manual described in Condition Q1.

R - RECORD CREATION AND RETENTION

- R1. The Company shall create written records consisting of the following:
- (1) an operations log summarizing the operation and maintenance activities of the Facility;
 - (2) within the operations log, a summary of routine and Ministry inspections of the Facility; and
 - (3) a record of any complaint alleging an Adverse Effect caused by the construction, installation, use, operation, maintenance or retirement of the Facility.
- R2. A record described under Condition R1 (3) shall include:
- (1) a description of the complaint that includes as a minimum the following:
 - a) the date and time the complaint was made;
 - b) the name, address and contact information of the person who submitted the complaint;
 - (2) a description of each incident to which the complaint relates that includes as a minimum the following:
 - a) the date and time of each incident;
 - b) the duration of each incident;
 - c) the wind speed and wind direction at the time of each incident;
 - d) the ID of the Equipment involved in each incident and its output at the time of each incident;
 - e) the location of the person who submitted the complaint at the time of each incident; and
 - (3) a description of the measures taken to address the cause of each incident to which the complaint relates and to prevent a similar occurrence in the future.
- R3. The Company shall retain, for a minimum of five (5) years from the date of their creation, all records described in Condition R1, and make these records available for review by the Ministry upon request.

S - NOTIFICATION OF COMPLAINTS

- S1. The Company shall notify the District Manager of each complaint within two (2) business days of the receipt of the complaint.
- S2. The Company shall provide the District Manager with the written records created under Condition R2 within eight (8) business days of the receipt of the complaint.

T - CHANGE OF OWNERSHIP

- T1. The Company shall notify the Director in writing, and forward a copy of the notification to the District Manager, within thirty (30) days of the occurrence of any of the following changes:
 - (1) the ownership of the Facility;
 - (2) the operator of the Facility;
 - (3) the address of the Company;
 - (4) the partners, where the Company is or at any time becomes a partnership and a copy of the most recent declaration filed under the *Business Names Act*, R.S.O. 1990, c.B.17, as amended, shall be included in the notification; and
 - (5) the name of the corporation where the Company is or at any time becomes a corporation, other than a municipal corporation, and a copy of the most current information filed under the *Corporations Information Act*, R.S.O. 1990, c. C.39, as amended, shall be included in the notification.

U – ABORIGINAL CONSULTATION

- U1. During the construction, installation, operation, use and retiring of the Facility, the Company shall:
 - (1) create and maintain written records of any communications with Aboriginal communities; and
 - (2) make the written records available for review by the Ministry upon request.
- U2. The Company shall provide the following to interested Aboriginal communities:
 - (1) updated project information, including the results of monitoring activities undertaken and copies of additional archaeological assessment reports that may be prepared; and

(2) updates on key steps in the construction, installation, operation, use and retirement phases of the Facility, including notice of the commencement of construction activities at the project location.

U3. If an Aboriginal community requests a meeting to obtain information relating to the construction, installation, operation, use and retiring of the Facility, the Company shall make reasonable efforts to arrange and participate in such a meeting.

U4. If any archaeological resources of Aboriginal origin are found during the construction of the Facility, the Company shall:

(1) notify any Aboriginal community considered likely to be interested or which has expressed an interest in such finds; and,

(2) if a meeting is requested by an Aboriginal community to discuss the archaeological find(s), make reasonable efforts to arrange and **participate in such** a meeting.

SCHEDULE A

Facility Description

The Facility shall consist of the construction, installation, operation, use and retiring of the following:

- (a) a total of fourteen (14) out of the proposed sixteen (16) wind turbine generators, with a total name plate capacity of up to 23 megawatts;
 - (b) the proposed sixteen (16) wind turbine generators are composed of:
 - fourteen (14) General Electric GE-1.6-100 wind turbine generators each rated at 1.62 megawatts, designated as source ID Nos. T1, T3-T5, T7, T8, and T10-T17, respectively, each with a hub height of 80 metres above grade;
 - one (1) General Electric GE-1.39-100 wind turbine generator with a total name plate capacity of 1.39 megawatts, designated as source ID No. T2, with a hub height of 80 metres above grade;
 - one (1) General Electric GE-1.34-100 wind turbine generator with a total name plate capacity of 1.34 megawatts, designated as source ID No. T6, with a hub height of 80 metres above grade;
- and all sited at the locations shown in Schedule B;
- (c) one (1) transformer substation including one (1) transformer rated at 25 MVA and sited at the location shown in Schedule B; and
 - (d) associated ancillary equipment, systems and technologies including on-site access roads, underground cabling and overhead distribution/transmission lines, interconnection equipment,

all in accordance with the Application.

SCHEDULE B

Coordinates of the Equipment and Noise Specifications

Coordinates of the Equipment are listed below in UTM, Z17-NAD83 projection:

Table B1: Coordinates and Maximum Sound Power Levels of Wind Turbine Generators and Transformers

Source ID	Maximum Sound Power Level (dBA)	Easting (m)	Northing (m)	Equipment description
T1	103.0	522697	4894753	GE 1.6-100 LNTE 1.62 MW
T2	101.0	523810	4895004	GE 1.39-100 LNTE 1.39 MW
T3	103.0	523031	4894158	GE 1.6-100 LNTE 1.62 MW
T4	103.0	523425	4894086	GE 1.6-100 LNTE 1.62 MW
T5	103.0	523815	4894179	GE 1.6-100 LNTE 1.62 MW
T6	100.0	524812	4894414	GE 1.34-100 LNTE 1.34 MW
T7	103.0	525170	4894597	GE 1.6-100 LNTE 1.62 MW
T8	103.0	525783	4894560	GE 1.6-100 LNTE 1.62 MW
T10	103.0	522761	4892274	GE 1.6-100 LNTE 1.62 MW
T11	103.0	525698	4893320	GE 1.6-100 LNTE 1.62 MW
T12	103.0	527137	4897555	GE 1.6-100 LNTE 1.62 MW
T13	103.0	528474	4893041	GE 1.6-100 LNTE 1.62 MW
T14	103.0	527940	4897664	GE 1.6-100 LNTE 1.62 MW
T15	103.0	527547	4897779	GE 1.6-100 LNTE 1.62 MW
T16	103.0	527680	4893745	GE 1.6-100 LNTE 1.62 MW
T17	103.0	527506	4893375	GE 1.6-100 LNTE 1.62 MW
Transformer Substation	98*	524146	4893780	Transformer Substation 25 MVA

*NOTE: The Sound Power Level reported above for the Transformer Substation does include the 5 decibels (dB) adjustment for tonality as prescribed in Publication NPC-104.

Table B2: Maximum Sound Power Spectrums (dBA and dB Lin) for the Transformer Substation

Transformer Substation (25 MVA, 44 kV)	Octave Band Centre Frequency (Hz)								
	63	125	250	500	1000	2000	4000	8000	Overall
Lw (dB A)	74.5	86.6	89.1	94.5	91.7	87.9	82.7	73.6	98.0
Lw (dB Lin)	100.7	102.7	97.7	97.7	91.7	86.7	81.7	74.6	106.5

Note: The Transformer Substation Sound Power Level values include the 5 decibel (dB) adjustment for tonality as prescribed in Publication NPC-104.

SCHEDULE C

Noise Control Measures

Acoustic Barrier for the 25 MVA Transformer Substation:

One (1) L-shaped acoustic barrier, approximately 10.7 metres long and with a height at least 3.93 metres above the top of the transformer, shall be positioned around the transformer as per Figure 1 entitled "Noise Barrier Configuration" of the Acoustic Assessment Report. The acoustic barrier will have the absorptive coefficient of 0.8, and it will be continuous without holes, gaps and other penetrations, and having a surface mass at least 20 kilograms per square metres.

The reasons for the imposition of these terms and conditions are as follows:

1. Conditions A1 and A2 are included to ensure that the Facility is constructed, installed, used, operated, maintained and retired in the manner in which it was described for review and upon which Approval was granted. These conditions are also included to emphasize the precedence of conditions in the Approval and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review.
2. Conditions A3 and A4 are included to require the Company to provide information to the public and the local municipality.
3. Conditions A5 and A6 are included to ensure that final retirement of the Facility is completed in an aesthetically pleasing manner, in accordance with Ministry standards, and to ensure long-term protection of the health and safety of the public and the environment.
4. Condition A7 is included to require the Company to inform the Ministry of the commencement of activities related to the construction, installation and operation of the Facility.
5. Condition B is intended to limit the time period of the Approval.
6. Condition C1 is included to provide the minimum performance requirement considered necessary to prevent an Adverse Effect resulting from the operation of the Equipment and to ensure that the noise emissions from the Equipment will be in compliance with applicable limits set in the Noise Guidelines for Wind Farms.
7. Conditions A8, C2, C3 and D are included to ensure that the Equipment is constructed, installed, used, operated, maintained and retired in a way that meets the regulatory setback prohibitions set out in O. Reg. 359/09.

8. Conditions E and F are included to require the Company to gather accurate information so that the environmental noise impact and subsequent compliance with the Act, O. Reg. 359/09, the Noise Guidelines for Wind Farms and this Approval can be verified.
9. Conditions G, H, I, J, K, L, M and N are included to ensure that the Facility is constructed, installed, used, operated, maintained and retired in a way that does not result in an Adverse Effect or hazard to the natural environment or any persons.
10. Condition O is included to protect archaeological resources that may be found at the project location.
11. Condition P is included to ensure continued communication between the Company and the local residents.
12. Condition Q is included to emphasize that the Equipment must be maintained and operated according to a procedure that will result in compliance with the Act, O. Reg. 359/09 and this Approval.
13. Condition R is included to require the Company to keep records and provide information to the Ministry so that compliance with the Act, O. Reg. 359/09 and this Approval can be verified.
14. Condition S is included to ensure that any complaints regarding the construction, installation, use, operation, maintenance or retirement of the Facility are responded to in a timely and efficient manner.
15. Condition T is included to ensure that the Facility is operated under the corporate name which appears on the application form submitted for this Approval and to ensure that the Director is informed of any changes.
17. Condition U is included to ensure continued communication between the Company and interested Aboriginal communities.

NOTICE REGARDING HEARINGS

In accordance with Section 139 of the Environmental Protection Act, within 15 days after the service of this notice, you may by further written notice served upon the Director, the Environmental Review Tribunal and the Environmental Commissioner, require a hearing by the Tribunal.

In accordance with Section 47 of the Environmental Bill of Rights, 1993, the Environmental Commissioner will place notice of your request for a hearing on the Environmental Registry.

Section 142 of the Environmental Protection Act provides that the notice requiring the hearing shall state:

1. The portions of the renewable energy approval or each term or condition in the renewable energy approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The signed and dated notice requiring the hearing should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The renewable energy approval number;
6. The date of the renewable energy approval;
7. The name of the Director;
8. The municipality or municipalities within which the project is to be engaged in;

This notice must be served upon:

The Secretary*
Environmental Review Tribunal
655 Bay Street, 15th Floor
Toronto, Ontario
M5G 1E5

AND

The Environmental Commissioner
1075 Bay Street, 6th Floor
Suite 605
Toronto, Ontario
M5S 2B1

AND

The Director
Section 47.5, *Environmental Protection Act*
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca**

Under Section 142.1 of the Environmental Protection Act, residents of Ontario may require a hearing by the Environmental Review Tribunal within 15 days after the day on which notice of this decision is published in the Environmental Registry. By accessing the Environmental Registry at www.ebr.gov.on.ca, you can determine when this period ends.

Approval for the above noted renewable energy project is issued to you under Section 47.5 of the Environmental Protection Act subject to the terms and conditions outlined above.

DATED AT TORONTO this 20th day of January, 2014



Vic Schroter, P.Eng.
Director
Section 47.5, *Environmental Protection Act*

NC/

c: District Manager, MOE Owen Sound
Adam Rickel, NextEra Energy Canada, ULC



AMENDMENT TO RENEWABLE ENERGY APPROVAL

NUMBER 7812-9E4QSC
Issue Date: October 1, 2014

East Durham Wind GP, ULC, as general partner for and on behalf of East Durham Wind, LP
390 Bay Street, Suite 1720
Toronto, Ontario
M5H 2Y2

Site Location: East Durham Wind Energy Centre
south of Concession 6, west of Sideroad 40, Artemesia-Glenelg Townline and Sideroad 50, east of
Baseline Road and north of West-Grey Southgate municipal boundary
Municipality of West Grey, County of Grey

You are hereby notified that I have amended Approval No. 7812-9E4QSC issued on January 20, 2014 for a Class 4 wind facility, as follows:

A. The owner/ operator of the Facility is deleted and replaced with the following:

East Durham Wind GP, ULC, as general partner for and on behalf of East Durham Wind, LP
390 Bay Street, Suite 1720
Toronto, Ontario
M5H 2Y2

B. The definitions of "Application" and "Company" are deleted and replaced with the following:

10. "Application" means the application for a Renewable Energy Approval dated January 23, 2013, and signed by F. Allen Wiley, East Durham Wind, Inc., and all supporting documentation submitted with the application, including amended documentation submitted up to January 20, 2014; and as further amended by two applications for amendments to a Renewable Energy Approval dated February 3, 2014 and August 1, 2014, and signed by F. Allen Wiley, Vice President, East Durham Wind GP, ULC as a general partner for and on behalf of East Durham Wind, LP, and all supporting documentation submitted with the application, including amended documentation submitted up to the date this amendment is issued;

18. "Company" means East Durham Wind GP, ULC, as general partner for and on behalf of East Durham Wind, LP, a limited partnership formed under the laws of Ontario, and includes its successors and assignees;

All other Terms and Conditions of the Approval remain the same.

This Notice shall constitute part of the approval issued under Approval No. 7812-9E4QSC dated January 20, 2014.

In accordance with Section 139 of the Environmental Protection Act, within 15 days after the service of this notice, you may by further written notice served upon the Director, the Environmental Review Tribunal and the Environmental Commissioner, require a hearing by the Tribunal.

In accordance with Section 47 of the Environmental Bill of Rights, 1993, the Environmental Commissioner will place notice of your request for a hearing on the Environmental Registry.

Section 142 of the Environmental Protection Act provides that the notice requiring the hearing shall state:

CONTENT COPY OF ORIGINAL

1. The portions of the renewable energy approval or each term or condition in the renewable energy approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The signed and dated notice requiring the hearing should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The renewable energy approval number;
6. The date of the renewable energy approval;
7. The name of the Director;
8. The municipality or municipalities within which the project is to be engaged in;

This notice must be served upon:

The Secretary*
Environmental Review Tribunal
655 Bay Street, 15th Floor
Toronto, Ontario
M5G 1E5

AND

The Environmental Commissioner
1075 Bay Street, 6th Floor
Suite 605
Toronto, Ontario
M5S 2B1

AND

The Director
Section 47.5, *Environmental Protection Act*
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca**

Under Section 142.1 of the Environmental Protection Act, residents of Ontario may require a hearing by the Environmental Review Tribunal within 15 days after the day on which notice of this decision is published in the Environmental Registry. By accessing the Environmental Registry at www.ebr.gov.on.ca, you can determine when this period ends.

Approval for the above noted renewable energy project is issued to you under Section 47.5 of the Environmental Protection Act subject to the terms and conditions outlined above.

DATED AT TORONTO this 1st day of October, 2014

Vic Schroter, P.Eng.
Director
Section 47.5, *Environmental Protection Act*

HM/
c: District Manager, MOE Owen Sound
Nancy O'Neill, NextEra Energy Canada

East Durham Wind, LP

DELIVERED BY EMAIL

March 31, 2021

John Ritchie
District Manager – Owen Sound
Ministry of Environment, Conservation and Parks
101 – 17th St E
Owen Sound, ON. N4K 0A5

Subject: East Durham - REA #7812-9E4QSC – Acoustic Audits

Dear Mr. Ritchie,

The purpose of this letter is to confirm East Durham Wind, LP's (the "Project") commitment to undertake one (1) additional Immission Audit in 2021 ("2021 Audit"). As well, this letter will outline a Work Program to conduct work associated with the 2021 Audit. The MECP is of the opinion that the Project I-Audit reports submitted to date are inconclusive as to compliance. The MECP has indicated that one (1) additional RAM I-Audit is needed to demonstrate compliance.

Based on the above-noted information, the Project is proposing the following 2021 Audit Work Program in response to MECP's request:

- 1) **Field Monitoring:** Conduct a RAM I-Audit during Spring 2021 at a monitoring location representative of receptor V_208 per the original noise impact assessment. The location has changed from previous audits as we were able to secure permissions from a non-participating land-owner. The location is better from a compliance perspective as it is more representative of the worst-case receptors. In this case, the location is representative of both V_161 and V_208 (rank 3 and 4 for worst case receptors) being about 70m from both. For comparison purposes, discussions will maintain the reference to V_208. The 2021 Audit Field Monitoring will be conducted as follows:
 - a) Start in Mid-March (station deployed on March 18, 2021) and continue for a minimum of six (6) weeks;
 - b) Include turbine on/off measurements conducted at 1 hour or ½ hour intervals during each overnight period (10pm-5am) for a minimum of 2 weeks. Turbines 6,7,8, and 11 will be shut down during this testing based on their proximity and sound level contribution at the proposed monitor site;
 - c) Include valid downwind directions for the monitor within 90 degrees centered on T7 (e.g., 300-30 degrees for Monitor C) and within 135 degrees centered on T7 and T8 (e.g., 305-80 degrees for Monitor C) per Appendix F11 of the Protocol. The precise angle sectors will be subject to the final monitor location (e.g., subject to land-owner permission and locates) and the influential turbines per Appendix F11 of the Protocol. UTM coordinates of the monitor position will be provided.

East Durham Wind, LP

	Distance to Monitor C (m)	Bearing to Monitor C (deg)	Distance to V_208 (m)	Bearing to V_208 (deg)
T7 (GE 1.6-100)	829	326	763	328
T8 (GE 1.6-100)	659	13	642	19
T11 (GE 1.6-100)	599	175	647	169
Predicted Sound Level	39.4 dBA		39.5 dBA	

In the event that insufficient downwind data is captured, 90-degree crosswind sectors may be considered based on the monitoring location, with an applicable adjustment (e.g., 3 dB added to total sound) to account for the crosswind conditions. This adjusted crosswind data will be considered in the counts towards total valid data points. The upwind sector will not be considered.

- d) At the conclusion of the initial six (6) weeks of monitoring (date TBD based on Step 1a), the status of valid data will be reviewed and a written summary including number of data points and sound levels will be provided to the MECP. A decision will be made between the Project and MECP as to whether to continue for two (2) more weeks or not based on amount of valid data collected and the factors identified below in Step 2. This step will be repeated as necessary for additional two (2) week periods until a decision is made to move to Step 3.

2) **Post-Monitoring Conditions:**

- a) Complete data set (post-filtering) per Protocol (i.e., 120min ON, 60min OFF at 2 wind bins at 4 m/s and below or 3 wind bins at 4 m/s and above); or
- b) Reduced data set (post-filtering) per Protocol RAM I-Audit (50% of normal data i.e., 60min ON, 30min OFF, and low standard deviation); or
- c) Conclusive ON/OFF data over at least 2 weeks demonstrating compliance and no change in sound levels when turbines on or off, with some periods of 85% electrical power output from the principal turbine (i.e., turbine T7).


- 3) **Audit Report:** If one of the conditions in 2 above is met, then the Project will conclude monitoring and a final report summarizing the RAM-I Audit will be prepared and submitted by August 13, 2021. This report will include all valid data points, sound levels, and an assessment of tonality on the wind bins used to demonstrate compliance.

- 4) **NAAP (as necessary):** If one of the conditions outlined in 2 is not met and further data collection becomes unreasonable or not possible, then the Project will prepare a Noise Abatement Action Plan (NAAP) and submit to the MECP by August 13, 2021. The NAAP may include steps describing additional monitoring in the event insufficient valid data is collected, or other alternative analysis approach similar to investigations from the 2020 monitoring campaign. The NAAP may also include actions to modify turbine operations if non-compliance is shown. The NAAP will include all relevant timelines for work described therein.

East Durham Wind, LP

Please accept this letter as written confirmation of the Project's Work Program as described above. If you have any questions or require further details, please do not hesitate to contact me.

Regards,

A handwritten signature in black ink, appearing to read 'Derek Dudek'.

Derek Dudek, MCIP, RPP
Senior Environmental Specialist

c.c. Vincent Besner, NextEra Energy Resources, LLC
Ben Coulson, RWDI



MEMORANDUM

DATE:	2021-09-10	RWDI Reference No.: 1502606
TO:	Mahdi Zangeneh	EMAIL: Mahdi.Zangeneh@ontario.ca
CC:	Derek Dudek	EMAIL: Derek.Dudek@nexteraenergy.com
	John Ritchie	EMAIL: John.S.Ritchie@ontario.ca
FROM:	Ben Coulson	EMAIL: Ben.Coulson@RWDI.com
RE:	ON-OFF Results, Spring 2021 Campaign East Durham Wind Energy Centre County of Grey, Ontario	

Dear Mahdi,

Further to our conference call of February 9, 2021, the subsequent email exchanges, and the March 31, 2021 work plan submitted by NextEra, this memo summarizes the current status of the data collected at Monitor C during RWDI's spring 2021 measurement campaign at the East Durham Wind Energy Centre. In particular, this memo focuses on the results of the on/off testing requested by the MECP.

Monitoring continues to be ongoing at East Durham to attempt to meet the Compliance Protocol (NPC-350) data requirements.

Background

Note that this submission is a revision of the RWDI memo of the same title dated May 10, 2021. This revision was precipitated by a MECP request for changes to the legend entries of the two sets of graphs found in the Appendix. The data itself and all other portions of this memo remain unchanged.

RWDI previously assessed the East Durham Wind Energy Centre in the following reports:

- "Acoustic Audit Immission Report #1" and dated January 26, 2018
- "RAM I-Audit #2 Report (Ver. 3) and dated May 10, 2019

Obtaining a complete data set for these I-audits was a challenge at some monitoring locations due to available wind conditions and, in some cases, land owner constraints. As a result, the MECP requested additional monitoring for one season at a worst-case location to address the incomplete datasets and the results of that monitoring were summarized in:

- "Monitor C Results, Spring 2020 Campaign" memorandum dated June 19, 2020.
- "Supplemental RAM I-Audit Monitor C" and dated August 25, 2020.



Since datasets from this last campaign remained inconclusive for the MECP, further discussions led to the February 9, 2021 call and subsequent March 31, 2021 NextEra work plan. In that plan, NextEra agreed to conduct another season of monitoring at one location with the aim to complete the audit per the Compliance Protocol conditions. As an addition, the MECP requested that on/off testing be conducted nightly for a period of 2 weeks during the monitoring. This style of testing was intended to inform compliance if sufficient data points could not be collected per the Protocol.

To improve data collection, a new monitor location in the same area as the 2020 work was sought (i.e., in proximity to receptor V_208). The historical monitor C location is shown by the red pin in **Figure 1** which is located on a participating landowner's property adjacent to V_208. A location on the lands of a *non-participating* land-owner (V_161) was secured and the monitor positioned as shown by the yellow pin in **Figure 1**.

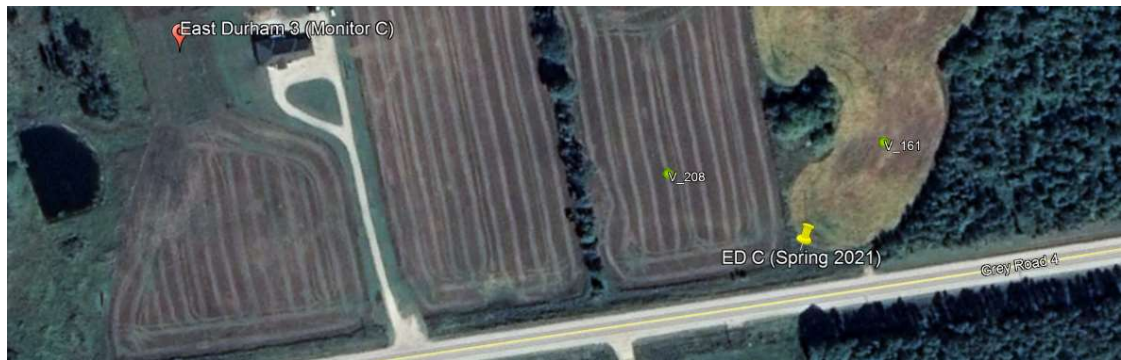


Figure 1: Historical (2020 and prior) and current (2021) monitor locations.

Receptor V_161 is representative of one of the worst-case locations at this wind facility per the table excerpt below in **Figure 2**. Note that landowners near R_475 would not permit access to their property and R_30 is less favorable for local prevailing winds.

Rationale Summary Table for Measurement Locations (East Durham I-Audits)								
Rank	Rec Id.	Re. Type	Rec. Height (m)	Distance to Nearest Turbine (m)	Nearest Turbine	Modelled Sound Level (dBA)	Location Comment	Location Conclusion
1	475	Vlr	4.5	615	T5	40.0	Ideal location. Downwind of the dominant wind direction (East of T5 and the substation)	Permission obtained (Monitor B)
2	30	Vlr	4.5	676	T5	39.7	Not down wind of prevailing wind (south of turbines)	Not Selected
3	161	Vlr	4.5	602	T8	39.5	Good location for monitoring. Equivalent to R208 where monitoring was conducted	Not Selected
4	208	Vlr	4.5	644	T8	39.5	Located in decent location for down wind conditions. Located in close proximity to several turbines for combined effects	Permission obtained (Monitor C)
5	236	Res	4.5	609	T2	39.5	Ideal location, downwind of T2 and is an existing house. Alt participating Location is R272	Similar to R318
6	313	Res	4.5	594	T2	39.3	Best location, downwind of T2 and is an existing house. Alt participating Location is R272	Selected Participating receptor R272 as permission was not granted at R318 (Monitor D)
7	93	Vlr	4.5	579	T11	39.0	Located downwind of T11 and is in close proximity to several turbines	Permission obtained (Monitor A)
8	474	Vlr	4.5	619	T11	38.6	Located downwind of T11 and is in close proximity to several turbines	Similar to R93

Receptors in proximity to 2021 Monitor C location.

Figure 2: Excerpt of Receptor Rationale Summary Table.

This monitor location was positioned to avoid the landowner crop areas and nearby trees. Its position means that T11 to the south becomes the dominant turbine per NPC-350. Turbine locations are



shown in **Figure 3**. Southerly winds have shown to be a historically more prevalent wind direction which is expected to assist with data completion in this area per the wind rose in **Figure 4**.



Figure 3: Turbine positions near Spring 2021 monitor location.

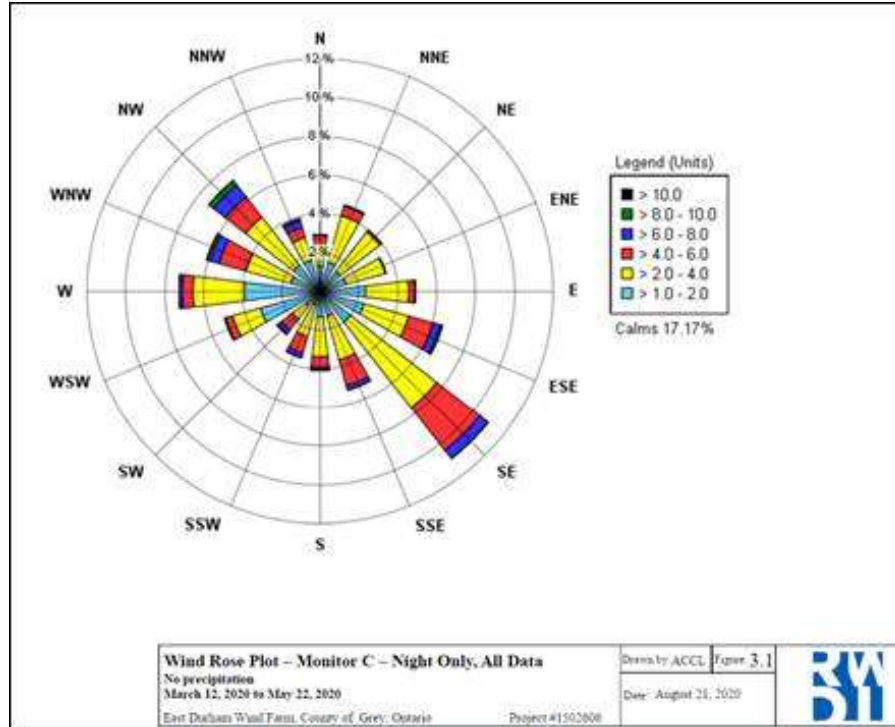


Figure 4: Historical (Spring 2020) wind rose data in vicinity of Monitor C.

The UTM coordinates of the monitor are:

Easting = 525 642
 Northing = 4 893 918
 Zone 17 T.

The turbine setbacks relative to the new monitor position are shown below.

Table 1: Turbine setbacks relative to 2021 monitor position.

	Distance to Monitor C (m)	Bearing to Monitor C (deg)	Distance to V_208 (m)	Bearing to V_208 (deg)
T7 (GE 1.6-100)	829	326	763	328
T8 (GE 1.6-100)	659	13	642	19
T11 (GE 1.6-100)	599	175	647	169
Predicted Sound Level	39.4 dBA		39.5 dBA	

Pictures of the monitor deployment are shown below in **Figure 5** and **Figure 6**.



Figure 5: Spring 2021 monitor deployment looking west.



Figure 6: Spring 2021 monitor deployment looking north.

Monitoring Results

Monitoring began on the afternoon of March 18, 2021 and continues as of the date of this memo. The status of the data collection as of May 3, 2021 is summarized below in **Table 2**. These results are prior to removal of events due to listening, but include filtering due to wind, precipitation and time of day. As these are 10-second data points, a total of 720 operational (ON) points and 360 ambient (OFF) points are required to satisfy the Compliance Protocol. Both T08 and T11 operational results are shown since they are both influential per Appendix F11 of the Compliance Protocol.

Preliminary listening results (not shown) indicates that there are sufficient points to complete analysis on the 1 m/s bin, but not on any other wind speed bin. As a result, monitoring has been extended through at least mid-May in attempt to acquire more operational data in the 2-4 m/s wind speed bins. There is expected to be sufficient ambient data (acquired during the on/off testing) in the 1-4 m/s wind speeds for data analysis.



Table 2: Summary of Data Collection Progress (as of May 3, 2021) Prior to Listening Exclusions

10m Wind Speed (m/s)	No. of 10-sec Operational Points T11 [1]	No. of 10-sec Operational Points T08 [1]	Total 10-sec Operational Points T11 + T08 [1,2]	No. of 10-sec Points Ambient [1,2]
1	2325	6	2331	4160
2	690	49	739	3868
3	331	93	424	1260
4	306	112	418	628
5	399	51	450	317
6	409	37	446	187
7	200	8	208	76

Notes to Table 2:

[1] Data totals are prior to exclusions from listening. These data totals will reduce once listening exclusions are conducted.

[2] A total of 720 operational data points and 360 ambient data points are required for two wind speed bins between 1 and 4 m/s or three wind speed bins between 4 and 7 m/s to satisfy the Compliance Protocol.

The on/off monitoring requested by the MECP was initiated at the start of the monitoring campaign to assist with an early indication of compliance. The contributing turbines (i.e., T06, T07, T08, T11) were configured by NextEra to be shut down in the first half of every hour between 10pm and 5am – i.e., the turbines were shut down between 10:00-10:30pm and operational between 10:30-11pm, with the process repeating the next hour, etc. After some initial trials, the on/off period was formalized on March 26 and ran until April 12 for a total of 18 days. A sample of this time series raw data for the 10 days beginning March 25 and the 10 days beginning April 2 are included in the attachments to this memo (note: there are 4 days of overlap in this data).

Two representative nights from the on/off testing, March 29-30 and April 9-10, are extracted and shown below in **Figure 7** and **Figure 8** respectively for selected data parameters (i.e., hub height wind speed, monitor 10m wind speed, sound level, turbine power and RPM, and turbine yaw angle). These periods were selected as they contain periods of valid data – i.e., no precipitation, greater than 85% turbine power output, and downwind (within +/-45 degrees) of the dominant turbine T11.

Figure 7 shows that March 29-30 had moderate winds varying primarily from 4 to 7 m/s and was consistently downwind of T11 (i.e., from 22:00h to 05:00h). The turbine on and off periods are evident based on the turbine power/RPM series. However, the on and off periods are not evident in the sound level series (red), which instead appears to more closely follow the 10m wind speed series (blue). While extraneous events such as car passbys remain in this raw data, the influence of the turbine is not apparent and the results suggest that the ambient wind noise is masking any influence of the turbines and that both the total sound and ambient sound are being driven by noise from the wind.

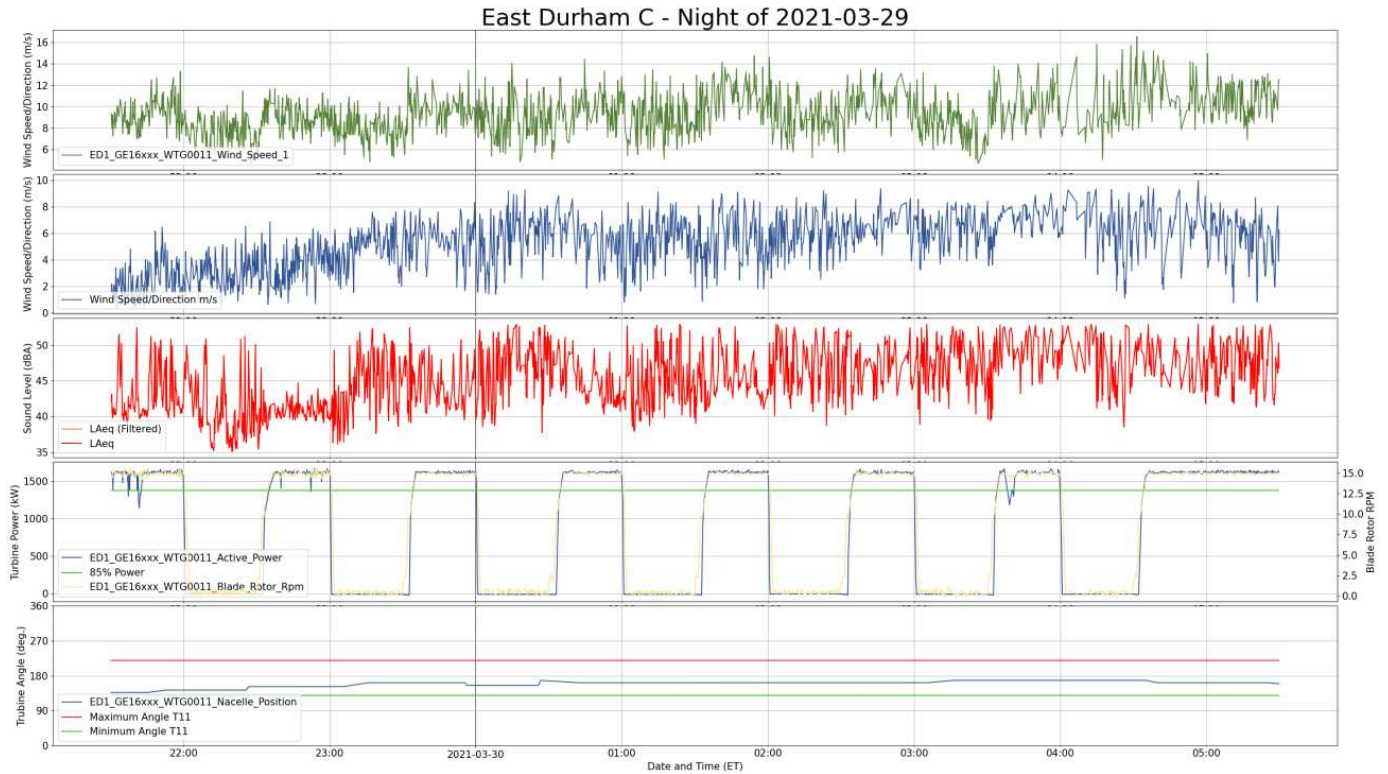


Figure 7: Raw Data for the Night of March 29-30, 2021 During Moderate Winds (4-7 m/s).

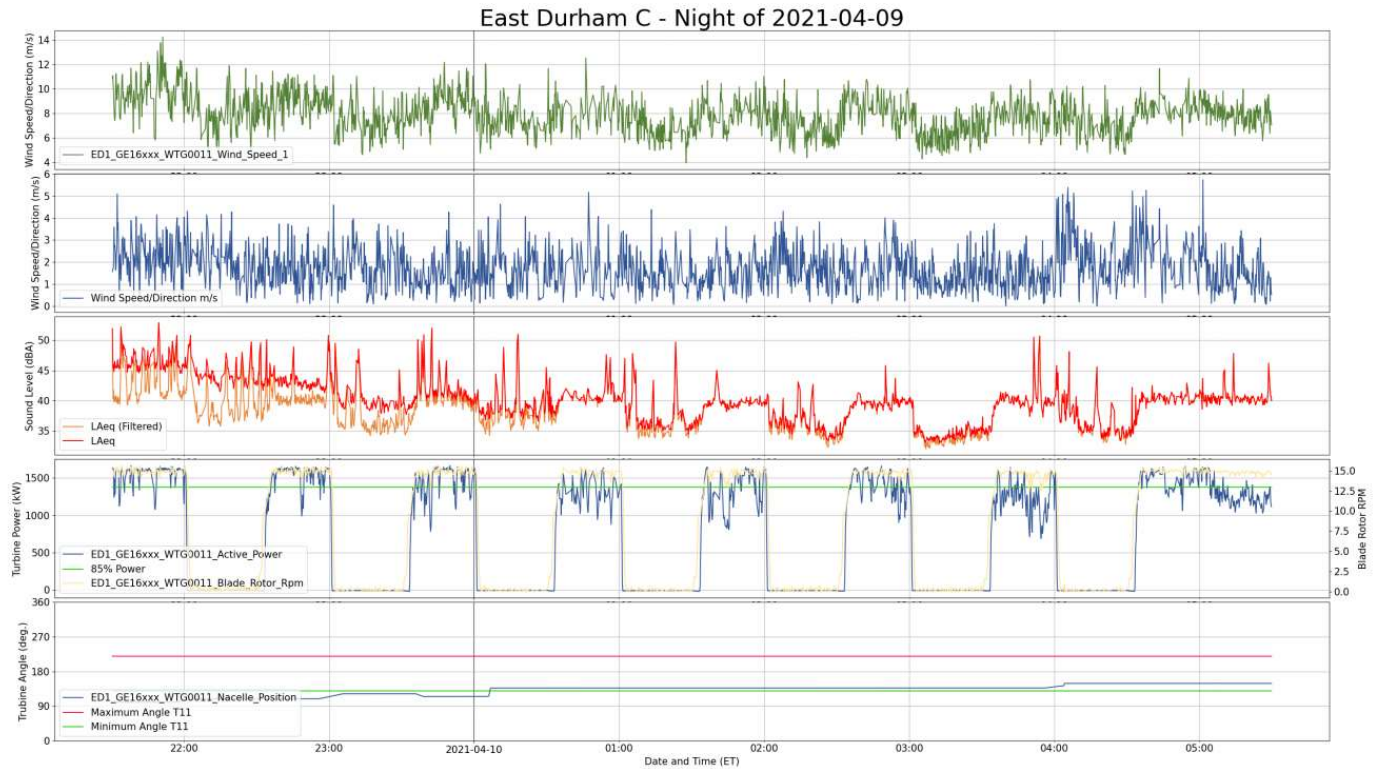


Figure 8: Raw Data for the Night of April 9-10, 2021 During Light Winds (1-3 m/s).



Conversely, **Figure 8** shows the data from April 9-10 under lighter winds varying primarily from 1 to 3 m/s while similarly downwind of T11. Again, the turbine on and off periods are clear based on the turbine power/RPM series. However, unlike on March 29-30, the sound level series shows the influence of the turbines alternating on and off with the sound level changing from about 35 dBA with the turbines off to about 40 dBA with the turbines on. Occasional spikes from extraneous sound events (e.g. car passbys) are also evident. In this case, the wind has less of an influence on the total or ambient sound and the measurements suggest a turbine-only contribution of approximately 38 dBA (i.e., 40 dBA total – 35 dBA ambient = 38 dBA turbine only). When the wind-induced noise is minimized, the turbines can be seen to be operating in compliance with the 40 dBA limit at this worst-case receptor location.

At the beginning of the night of April 9-10 (i.e. before 00:00h), the 10m wind speed is more consistently between 2 and 3 m/s and this period shows less influence of the turbine sound, with the on/off alternation being less notable. When winds are consistently below 2 m/s later in the night, the turbine influence is more readily seen. This result suggests the wind may be influential on masking turbine sound at values as low as 2 m/s.

Figure 9 and **Figure 10** show the sound level data for the same nights of March 29-30 and April 9-10 respectively after being filtered for extraneous events and applying the other filters for valid data; hence, these figures present valid data only. With only valid data presented, similar conclusions can be drawn that wind noise is influential on total and ambient sound for moderate winds (4-7m/s) and that the turbines are contributing less than 40 dBA when their influence is clear during lighter wind periods (1-3 m/s).

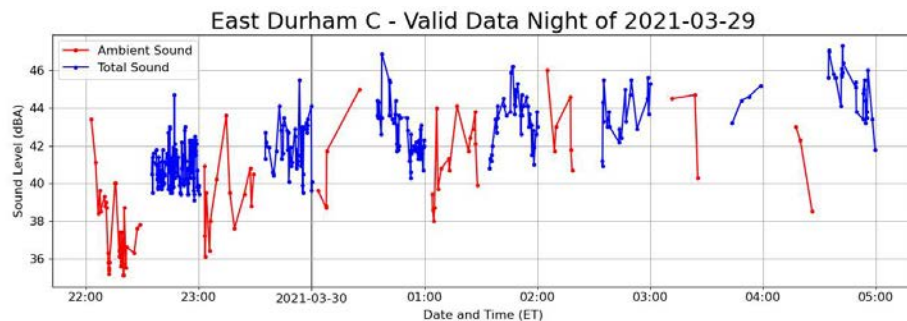


Figure 9: Valid Data for the Night of March 29-30 During Moderate Winds (4-7 m/s).

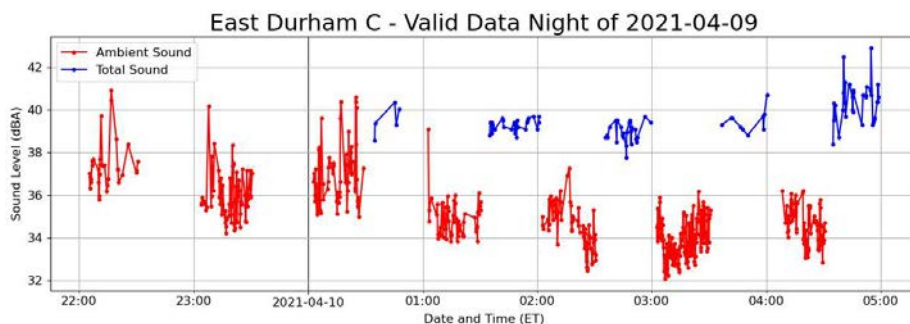


Figure 10: Valid Data for the Night of April 9-10 During Light Winds (1-3 m/s).



Mahdi Zangeneh
MECP
RWDI#1502606
SEPTEMBER 10, 2021 (REVISED FROM MAY 10, 2021)

Similar data trends can be seen by reviewing other periods in the on/off data record (see attachments). The wind turbine influence is only obvious during periods of lighter winds (i.e., less than 4 m/s) and during these periods the contribution appears to be consistently less than 40 dBA. A clearer sound result is apparent when the 10m wind speed has less variability, which is expected as higher variability is associated with gustier conditions which in turn tends to promote ambient wind noise.

Closing

Based on the above assessment, we are confident that the sound levels at this worst-case monitoring location are showing results that meet the Compliance Protocol limits. We would be happy to discuss the results in more detail with the MECP. In the interim, we continue to monitor with the goal of a complete data set for this audit.

We trust that this is the information that you require currently. If you have any questions, please do not hesitate to contact us.

Yours truly,

RWDI

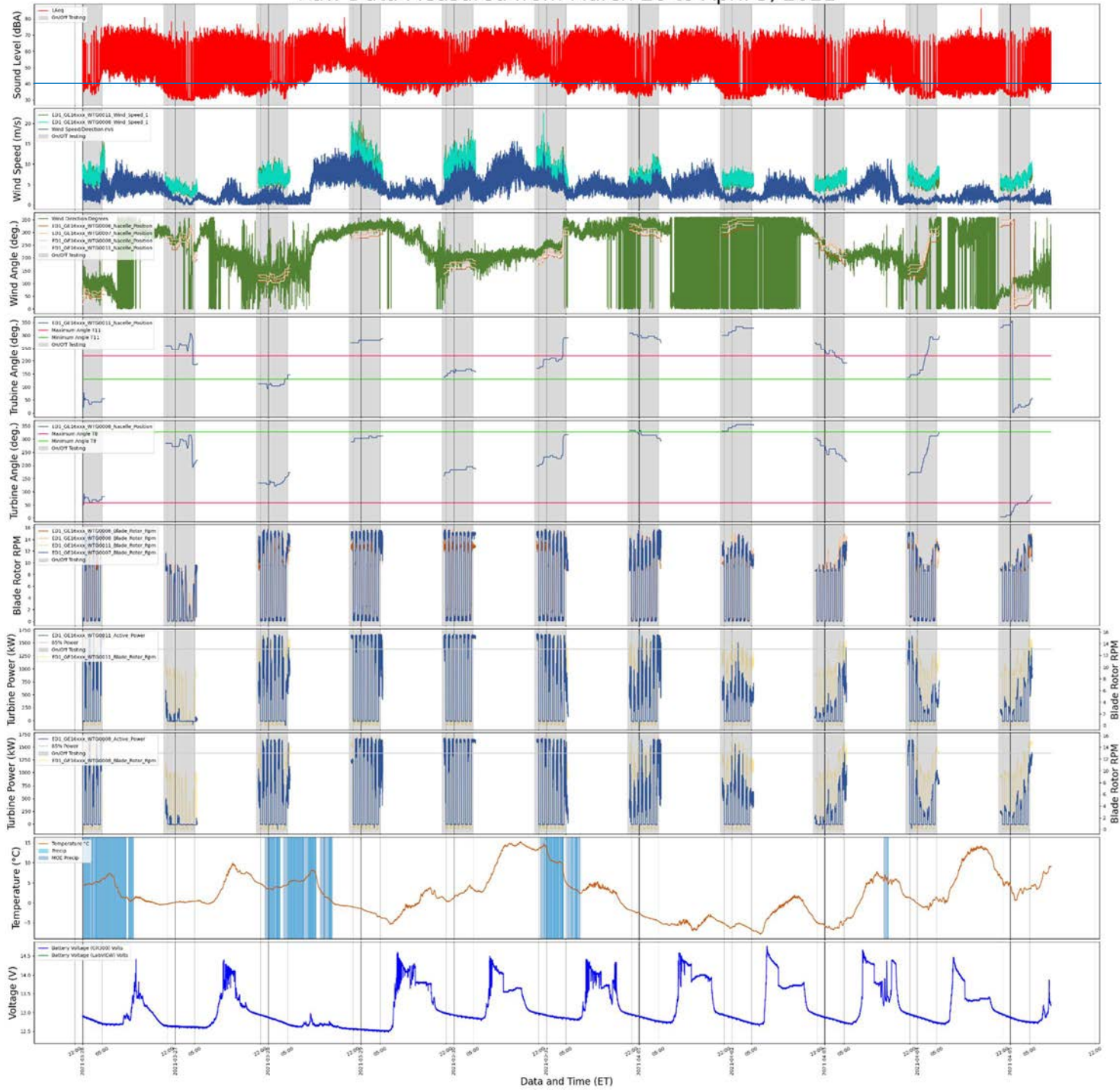
A handwritten signature in black ink that reads "Ben Coulson". The signature is written in a cursive, flowing style.

Benjamin Coulson, M.A.Sc., P.Eng.
Senior Consultant

Attach. (Raw Data Excerpts)

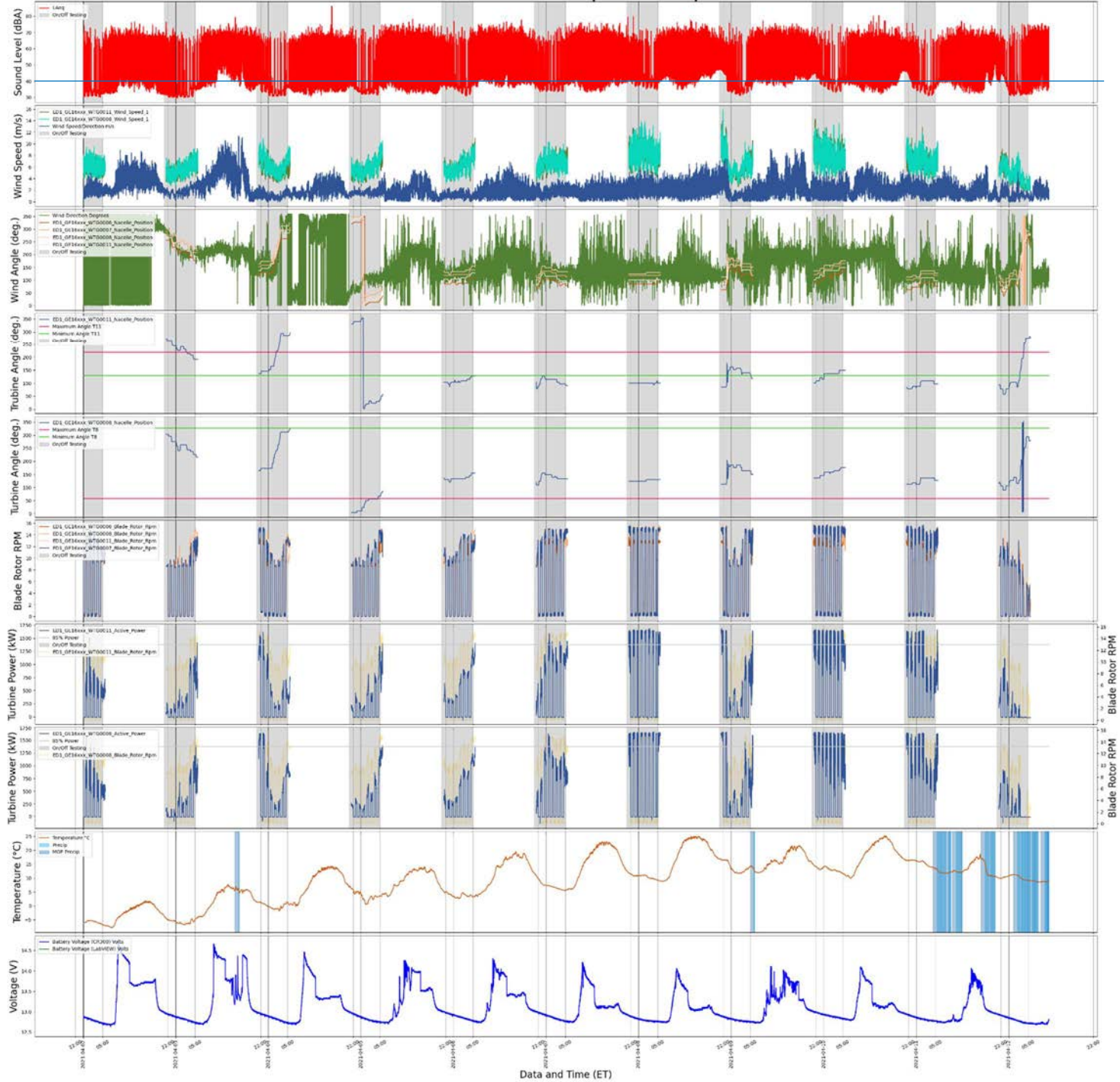


Raw Data Measured from March 26 to April 5, 2021





Raw Data Measured from April 2 to April 12, 2021



The page features a decorative background with a blue triangle in the top-left corner and a large, light-grey curved shape that dominates the lower half of the page. The text 'APPENDIX C' is centered within the grey area.

APPENDIX C

MEASUREMENT EQUIPMENT



Sound Level Meter

Sound Level Meter	
Make and Model	RWDI Envision Data Collection System
Serial Number	NAVCAD16
Microphone System	
Make and Type	PCB Piezotronics Microphone System Type 378B02
Serial Number	135143
Pre-Campaign Calibration Date	January 20, 2020
Pre-Campaign Calibration Expiry Date	January 20, 2022
Post-Campaign Calibration Date	September 28, 2021
Post-Campaign Calibration Expiry Date	September 28, 2023
Statement of Acceptance	Pre- and post-campaign calibration certificates show no adjustment necessary to microphone system, confirming that it was within calibration specifications during the measurement campaign; therefore, measurement results are acceptable.
Data Acquisition	
Make and Type	National Instruments NI9234
Serial Number	1A190A6
Pre-Campaign Calibration Date	January 17, 2020
Post-Campaign Calibration Expiry Date	January 17, 2022
Post-Campaign Calibration Date	September 28, 2021
Post-Campaign Calibration Expiry Date	September 28, 2023
Statement of Acceptance	Pre- and post-campaign calibration certificates show no adjustment necessary to microphone system, confirming that it was within calibration specifications during the measurement campaign; therefore, measurement results are acceptable.
Calibrators	
Make and Type	Larson-Davis CAL200 precision acoustic calibrator (1000 Hz)
Serial Numbers	4613 and 2570
Post-Campaign Calibration Dates	January 20, 2021 and January 25, 2021
Post-Campaign Calibration Expiry Dates	January 20, 2022 and January 25, 2022
Statement of Acceptance	Measurements completed during valid calibration period; therefore, measurement results are acceptable.

CERTIFICATE of CALIBRATION

Make : PCB Piezotronics Reference # : 160133
Model : 378B02 Customer : Rowan Williams Davies & Irwin Inc
Guelph, ON
Descr. : Microphone System 1/2" Free Field
Serial # : 135143 P. Order : NOI-01-01 AHP
Asset # : NAVCAD MIC 02

Cal. status : Received in spec's, no adjustment made.
Preamp System with Mic 377B02 s/n 304606

Navair Technologies certifies that the above listed instrument was calibrated on date noted and was released from this laboratory performing in accordance with the specifications set forth by the manufacturer.

Unless otherwise noted in the calibration report a 4:1 accuracy ratio was maintained for this calibration.

Our Quality System system complies with the requirements of ISO-9001-2015 and is registered under certificate CA96/269, working standards used for calibration are certified by or traceable to the National Research Council of Canada or the National Institute of Standards and Technology.

Calibrated : Jan 20, 2020

By : 

Cal. Due : Jan 20, 2022

Petro Onasko

Temperature : 23 °C ± 2 °C Relative Humidity : 30% to 70%

Standards used : J-216 J-324 J-333 J-420 J-512

Navair Technologies

REPAIR AND CALIBRATION TRACEABLE TO NRC AND NIST

6375 Dixie Rd. Mississauga, ON, L5T 2E7
Phone : 800-668-7440

Fax: 905 565 8325

http: // www.navair.com
e-Mail: service @ navair.com

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Form: 378B02 Approved by: JR Feb-16 Ver 1.0

Calibration Report for Certificate :

160133

Make	Model	Serial	Asset
PCB Piezotronics	378B02	135143	NAVCAD MIC 2
PCB Piezotronics	426E01	053339	NAVCAD MIC 2
PCB Piezotronics	377B02	304606	NAVCAD MIC 2

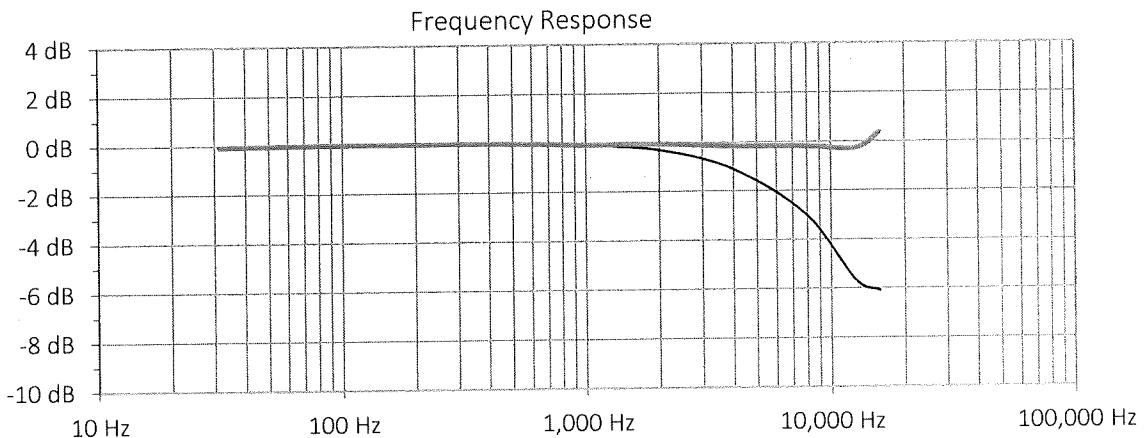
Sensitivity at 250 Hz

Specs Nom	Unit	Min	Reading	Max	In/Out
50	mV/Pa	39.72	51.04	62.94	In
-26.02	dB re 1V/Pa	-28.02	-25.84	-24.02	In
0	dB re 50mV/Pa	-2	0.18	2	In

Ambient Conditions: Static Pressure 101.1 kPa
 Temperature 23.9°C
 Rel.Humidity 31.0%

Frequency response

Freq Hz	Lower	Upper
	Pressure dB	Free Field dB
31.5	-0.05	-0.06
63.1	-0.02	-0.02
125.9	0.00	-0.01
251.3	0.00	0.00
502.5	-0.01	-0.01
1005.1	-0.10	-0.08
1978.7	-0.30	-0.06
3957.5	-1.09	-0.18
7914.9	-2.98	-0.20
12663	-5.69	-0.28
15830	-6.09	0.36



CERTIFICATE of CALIBRATION

Make : PCB Piezotronics

Reference # : 167741

Model : 378B02

Customer : Rowan Williams Davies & Irwin Inc
Guelph, ON

Descr. : Microphone System 1/2" Free Field

Serial # : 135143

P. Order : AMERAIR0424AHP009

Asset # : NAVCAD MIC 02

Cal. status : Received in spec's, no adjustment made.
Preamp System with Mic 377B02 s/n 304606

Navair Technologies certifies that the above listed instrument was calibrated on date noted and was released from this laboratory performing in accordance with the specifications set forth by the manufacturer.

Unless otherwise noted in the calibration report a 4:1 accuracy ratio was maintained for this calibration.

Our calibration system complies with the requirements of ISO-9001-2015 and is registered under certificate CA96/269, working standards used for calibration are certified by or traceable to the National Research Council of Canada or the National Institute of Standards and Technology.

Calibrated : Sep 28, 2021

By : 

Cal. Due : Sep 28, 2023

Petro Onasko

Temperature : 23 °C ± 2 °C Relative Humidity : 30% to 70%

Standards used : J-216 J-324 J-333 J-420 J-512

Navair Technologies

REPAIR AND CALIBRATION TRACEABLE TO NRC AND NIST

6375 Dixie Rd. Mississauga, ON, L5T 2E7

Phone : 800-668-7440

Fax: 905 565 8325

<http://www.navair.com>

e-Mail: service@navair.com

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Form: 378B02 Approved by: J.R. Feb-16 Ver 1.0

Calibration Report for Certificate #

167741

Make	Model	Serial No	Asset	Cal by
PCB Piezotronics	378B02	135143	NAVCAD MIC 02	P.O.
PCB Piezotronics	426E01	053339		
PCB Piezotronics	377B02	304606		

Ambient Conditions:

Static Pressure 99.5 kPa
 Temperature 24.3°C
 Rel.Humidity 48%

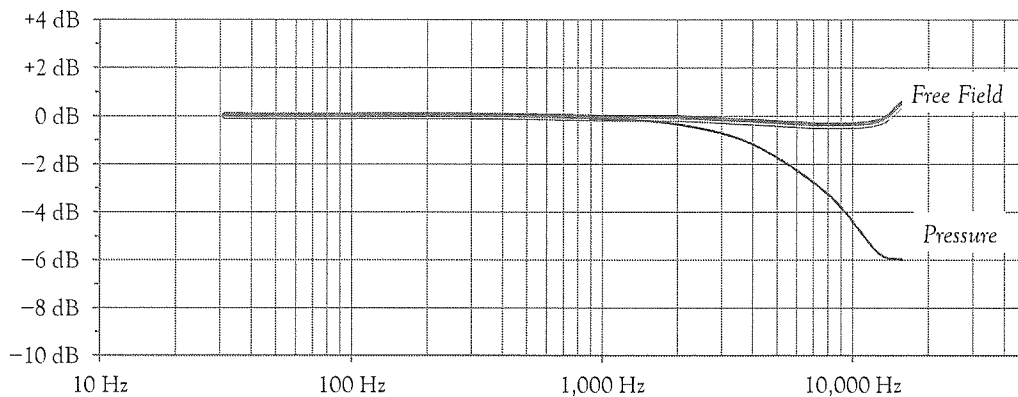
Sensitivity at 250 Hz

Specs Nom	Unit	Min	Reading	Max	In/Out
50.0 mV/Pa		39.72	51.3 mV/Pa	62.94	In
-26.02 dB	re 1 V/Pa	-28.02	-25.8 dB	-24.02	In
0 dB	re 50 mV/Pa	-2	+0.2 dB	2	In

Frequency Response

Reference

Frequency	Pressure	Free Field
32 Hz	0.00 dB	0.00 dB
63 Hz	-0.01 dB	-0.01 dB
126 Hz	0.00 dB	0.00 dB
251 Hz	0.00 dB	0.00 dB
503 Hz	-0.02 dB	-0.02 dB
1005 Hz	-0.11 dB	-0.08 dB
1979 Hz	-0.34 dB	-0.10 dB
3958 Hz	-1.15 dB	-0.25 dB
7915 Hz	-3.20 dB	-0.40 dB
12663 Hz	-5.69 dB	-0.26 dB
15830 Hz	-5.99 dB	+0.51 dB





6375 Dixie Rd Unit# 7
 Mississauga, ON L5T 2E7
 Tel: (905)565-1583
 Fax: (905)565-8325

Form: NI 9234	Approved by: J. Raposo	Mar-19	Ver 1.2
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Calibration Report for Certificate : 160121

Make	Model	Serial No	Asset	Cal by
National Instruments	NI 9234	1A190A6	IEPE 14	P O

Test	Input	Min	Reading	Max	In/Out
------	-------	-----	---------	-----	--------

Gain Accuracy

AI 0	+4.0000 V	3.9952	4.0003	4.0048	In
	0.0000 V	-0.0012	0.0005	0.0012	In
	-4.0000 V	-4.0048	-3.9993	-3.9952	In
AI 1	+4.0000 V	3.9952	4.0002	4.0048	In
	0.0000 V	-0.0012	0.0006	0.0012	In
	-4.0000 V	-4.0048	-3.9991	-3.9952	In
AI 2	+4.0000 V	3.9952	4.0007	4.0048	In
	0.0000 V	-0.0012	0.0008	0.0012	In
	-4.0000 V	-4.0048	-3.9992	-3.9952	In
AI 3	+4.0000 V	3.9952	4.0004	4.0048	In
	0.0000 V	-0.0012	0.0005	0.0012	In
	-4.0000 V	-4.0048	-3.9994	-3.9952	In

Channel Gain Match

AI 0	-0.04 dB	-0.0004 dB	+0.04 dB	In
AI 1	-0.04 dB	-0.0008 dB	+0.04 dB	In
AI 2	-0.04 dB	-0.0002 dB	+0.04 dB	In
AI 3	-0.04 dB	-0.0002 dB	+0.04 dB	In



6375 Dixie Rd Unit# 7
 Mississauga, ON L5T 2E7
 Tel: (905)565-1583
 Fax: (905)565-8325

Test	Input	Min	Reading	Max	In/Out
------	-------	-----	---------	-----	--------

Flatness Accuracy 0.1 to 22.5 kHz

Ref: 4.5 V p-p @ 1.000 kHz

AI 0	-0.04 dB	+0.020 dB	+0.04 dB	In
AI 1	-0.04 dB	+0.025 dB	+0.04 dB	In
AI 2	-0.04 dB	+0.022 dB	+0.04 dB	In
AI 3	-0.04 dB	+0.022 dB	+0.04 dB	In

AC/DC coupling Pass

IEPE Operation Pass

CERTIFICATE of CALIBRATION

Make : National Instruments Reference # : 167743
Model : NI9234 Customer : Rowan Williams Davies & Irwin Inc
Guelph, ON
Descr. : ADC Module 4Ch 24Bit
Serial # : 1A190A6 P. Order : AMERAIR0424AHP009
Asset # : IEPE 14

Cal. status : Received in spec's, no adjustment made.

Navair Technologies certifies that the above listed instrument was calibrated on date noted and was released from this laboratory performing in accordance with the specifications set forth by the manufacturer.

Unless otherwise noted in the calibration report a 4:1 accuracy ratio was maintained for this calibration.

Our calibration system complies with the requirements of ISO-9001-2015 and is registered under certificate CA96/269, working standards used for calibration are certified by or traceable to the National Research Council of Canada or the National Institute of Standards and Technology.

Calibrated : Sep 28, 2021

By :



Cal. Due : Sep 28, 2023

Petro Onasko

Temperature : 23 °C ± 2 °C Relative Humidity : 30% to 70%

Standards used : J-215 J-367 J-512

Navair Technologies

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6375 Dixie Rd Unit# 7
 Mississauga, ON L5T 2E7
 Tel: (905)565-1583
 Fax: (905)565-8325

Form: NI 9234 Approved by: J. Raposo Mar-19 Ver 1.2

Calibration Report for Certificate : 167743

Make	Model	Serial No	Asset	Cal by
National Instruments	NI 9234	1A190A6	IEPE 14	P.O.

Test	Input	Min	Reading	Max	In/Out
------	-------	-----	---------	-----	--------

Gain Accuracy

AI 0	+4.0000 V	3.9952	+3.9997 V	4.0048	In
	0.0000 V	-0.0012	+0.0001 V	0.0012	In
	-4.0000 V	-4.0048	-3.9995 V	-3.9952	In
AI 1	+4.0000 V	3.9952	+4.0000 V	4.0048	In
	0.0000 V	-0.0012	+0.0001 V	0.0012	In
	-4.0000 V	-4.0048	-3.9991 V	-3.9952	In
AI 2	+4.0000 V	3.9952	+4.0000 V	4.0048	In
	0.0000 V	-0.0012	+0.0002 V	0.0012	In
	-4.0000 V	-4.0048	-3.9994 V	-3.9952	In
AI 3	+4.0000 V	3.9952	+3.9997 V	4.0048	In
	0.0000 V	-0.0012	+0.0001 V	0.0012	In
	-4.0000 V	-4.0048	-3.9995 V	-3.9952	In

Channel Gain Match

AI 0	-0.04	-0.001 dB	0.04	In
AI 1	-0.04	-0.001 dB	0.04	In
AI 2	-0.04	-0.001 dB	0.04	In
AI 3	-0.04	-0.001 dB	0.04	In

Flatness Accuracy

0.1 to 22.5 kHz
 Ref: 4.5 V p-p @ 1.000 kHz

AI 0	-0.04	+0.018 dB	0.04	In
AI 1	-0.04	+0.023 dB	0.04	In
AI 2	-0.04	+0.020 dB	0.04	In
AI 3	-0.04	+0.019 dB	0.04	In

AC/DC coupling Pass

IEPE Operation Pass

Calibration Certificate

Certificate Number 2021000668

Customer:

RWDI
600 Southgate Drive
Guelph, ON N1G 4P6, Canada

Model Number CAL200
Serial Number 4613
Test Results **Pass**
Initial Condition Adjusted
Description Larson Davis CAL200 Acoustic Calibrator

Procedure Number D0001.8386
Technician Scott Montgomery
Calibration Date 20 Jan 2021
Calibration Due 20 Jan 2022
Temperature 23 °C ± 0.3 °C
Humidity 28 %RH ± 3 %RH
Static Pressure 101.2 kPa ± 1 kPa

Evaluation Method The data is acquired by the insert voltage calibration method using the reference microphone's open circuit sensitivity. Data reported in dB re 20 µPa.

Compliance Standards Compliant to Manufacturer Specifications per D0001.8190 and the following standards:
IEC 60942:2017 ANSI S1.40-2006

Issuing lab certifies that the instrument described above meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the SI through the National Institute of Standards and Technology (NIST), or other national measurement institutes, and meets the requirements of ISO/IEC 17025:2017. **Test points marked with a ‡ in the uncertainties column do not fall within this laboratory's scope of accreditation.**

The quality system is registered to ISO 9001:2015.

This calibration is a direct comparison of the unit under test to the listed reference standards and did not involve any sampling plans to complete. No allowance has been made for the instability of the test device due to use, time, etc. Such allowances would be made by the customer as needed.

The uncertainties were computed in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor of approximately 2 sigma (k=2) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95% confidence level.

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Standards Used			
Description	Cal Date	Cal Due	Cal Standard
Agilent 34401A DMM	08/04/2020	08/04/2021	001021
Larson Davis Model 2900 Real Time Analyzer	04/02/2020	04/02/2021	001051
Microphone Calibration System	03/03/2020	03/03/2021	005446
1/2" Preamplifier	08/27/2020	08/27/2021	006506
Larson Davis 1/2" Preamplifier 7-pin LEMO	08/06/2020	08/06/2021	006507
1/2 inch Microphone - RI - 200V	06/04/2020	06/04/2021	006510
Pressure Transducer	07/17/2020	07/17/2021	007368

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Provo, UT 84601, United States
716-684-0001



Output Level

Nominal Level [dB]	Pressure [kPa]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
114	101.4	113.99	113.80	114.20	0.14	Pass
94	101.2	93.99	93.80	94.20	0.15	Pass

-- End of measurement results--

Frequency

Nominal Level [dB]	Pressure [kPa]	Test Result [Hz]	Lower limit [Hz]	Upper limit [Hz]	Expanded Uncertainty [Hz]	Result
114	101.4	1,000.04	990.00	1,010.00	0.20	Pass
94	101.2	1,000.04	990.00	1,010.00	0.20	Pass

-- End of measurement results--

Total Harmonic Distortion + Noise (THD+N)

Nominal Level [dB]	Pressure [kPa]	Test Result [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
114	101.4	0.36	0.00	2.00	0.25 ‡	Pass
94	101.2	0.39	0.00	2.00	0.25 ‡	Pass

-- End of measurement results--

Level Change Over Pressure

Tested at: 114 dB, 22 °C, 35 %RH

Nominal Pressure [kPa]	Pressure [kPa]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
108.0	108.1	-0.02	-0.30	0.30	0.04 ‡	Pass
101.3	100.9	0.00	-0.30	0.30	0.04 ‡	Pass
92.0	92.1	0.01	-0.30	0.30	0.04 ‡	Pass
83.0	82.9	0.02	-0.30	0.30	0.04 ‡	Pass
74.0	73.6	0.01	-0.30	0.30	0.04 ‡	Pass
65.0	65.1	-0.04	-0.30	0.30	0.04 ‡	Pass

-- End of measurement results--

Frequency Change Over Pressure

Tested at: 114 dB, 22 °C, 35 %RH

Nominal Pressure [kPa]	Pressure [kPa]	Test Result [Hz]	Lower limit [Hz]	Upper limit [Hz]	Expanded Uncertainty [Hz]	Result
108.0	108.1	0.00	-10.00	10.00	0.20 ‡	Pass
101.3	100.9	0.00	-10.00	10.00	0.20 ‡	Pass
92.0	92.1	0.00	-10.00	10.00	0.20 ‡	Pass
83.0	82.9	-0.01	-10.00	10.00	0.20 ‡	Pass
74.0	73.6	-0.01	-10.00	10.00	0.20 ‡	Pass
65.0	65.1	-0.01	-10.00	10.00	0.20 ‡	Pass

-- End of measurement results--



Total Harmonic Distortion + Noise (THD+N) Over Pressure

Tested at: 114 dB, 22 °C, 35 %RH

Nominal Pressure [kPa]	Pressure [kPa]	Test Result [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
108.0	108.1	0.38	0.00	2.00	0.25 ‡	Pass
101.3	100.9	0.37	0.00	2.00	0.25 ‡	Pass
92.0	92.1	0.37	0.00	2.00	0.25 ‡	Pass
83.0	82.9	0.36	0.00	2.00	0.25 ‡	Pass
74.0	73.6	0.37	0.00	2.00	0.25 ‡	Pass
65.0	65.1	0.38	0.00	2.00	0.25 ‡	Pass

-- End of measurement results--

Signatory: Scott Montgomery

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 716-684-0001



Initial Assessment

Certificate Number 2021000666

Customer:

RWDI
600 Southgate Drive
Guelph, ON N1G 4P6, Canada

Model Number	CAL200	Procedure Number	D0001.8386
Serial Number	4613	Technician	Scott Montgomery
Test Results	Pass	Calibration Date	20 Jan 2021
Initial Condition	As Received	Calibration Due	20 Jan 2022
Description	Larson Davis CAL200 Acoustic Calibrator	Temperature	22 °C ± 0.3 °C
		Humidity	34 %RH ± 3 %RH
		Static Pressure	101.1 kPa ± 1 kPa

Evaluation Method The data is acquired by the insert voltage calibration method using the reference microphone's open circuit sensitivity. Data reported in dB re 20 µPa.

Compliance Standards Compliant to Manufacturer Specifications per D0001.8190 and the following standards:
IEC 60942:2017 ANSI S1.40-2006

Issuing lab certifies that the instrument described above meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the SI through the National Institute of Standards and Technology (NIST), or other national measurement institutes, and meets the requirements of ISO/IEC 17025:2017. **Test points marked with a ‡ in the uncertainties column do not fall within this laboratory's scope of accreditation.**

The quality system is registered to ISO 9001:2015.

This calibration is a direct comparison of the unit under test to the listed reference standards and did not involve any sampling plans to complete. No allowance has been made for the instability of the test device due to use, time, etc. Such allowances would be made by the customer as needed.

The uncertainties were computed in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor of approximately 2 sigma ($k=2$) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95% confidence level.

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Standards Used			
Description	Cal Date	Cal Due	Cal Standard
Agilent 34401A DMM	08/04/2020	08/04/2021	001021
Larson Davis Model 2900 Real Time Analyzer	04/02/2020	04/02/2021	001051
Microphone Calibration System	03/03/2020	03/03/2021	005446
1/2" Preamplifier	08/27/2020	08/27/2021	006506
Larson Davis 1/2" Preamplifier 7-pin LEMO	08/06/2020	08/06/2021	006507
1/2 inch Microphone - RI - 200V	06/04/2020	06/04/2021	006510
Pressure Transducer	07/17/2020	07/17/2021	007368

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Provo, UT 84601, United States
716-684-0001



Output Level

Nominal Level [dB]	Pressure [kPa]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
114	101.2	114.07	113.80	114.20	0.14	Pass
94	101.1	94.04	93.80	94.20	0.15	Pass

-- End of measurement results--

Frequency

Nominal Level [dB]	Pressure [kPa]	Test Result [Hz]	Lower limit [Hz]	Upper limit [Hz]	Expanded Uncertainty [Hz]	Result
114	101.2	1,000.06	990.00	1,010.00	0.20	Pass
94	101.1	1,000.06	990.00	1,010.00	0.20	Pass

-- End of measurement results--

Total Harmonic Distortion + Noise (THD+N)

Nominal Level [dB]	Pressure [kPa]	Test Result [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
114	101.2	0.37	0.00	2.00	0.25 ‡	Pass
94	101.1	0.43	0.00	2.00	0.25 ‡	Pass

-- End of measurement results--

Level Change Over Pressure

Tested at: 114 dB, 22 °C, 35 %RH

Nominal Pressure [kPa]	Pressure [kPa]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
108.0	108.1	-0.02	-0.30	0.30	0.04 ‡	Pass
101.3	100.9	0.00	-0.30	0.30	0.04 ‡	Pass
92.0	92.1	0.01	-0.30	0.30	0.04 ‡	Pass
83.0	82.9	0.02	-0.30	0.30	0.04 ‡	Pass
74.0	73.6	0.01	-0.30	0.30	0.04 ‡	Pass
65.0	65.1	-0.04	-0.30	0.30	0.04 ‡	Pass

-- End of measurement results--

Frequency Change Over Pressure

Tested at: 114 dB, 22 °C, 35 %RH

Nominal Pressure [kPa]	Pressure [kPa]	Test Result [Hz]	Lower limit [Hz]	Upper limit [Hz]	Expanded Uncertainty [Hz]	Result
108.0	108.1	0.00	-10.00	10.00	0.20 ‡	Pass
101.3	100.9	0.00	-10.00	10.00	0.20 ‡	Pass
92.0	92.1	0.00	-10.00	10.00	0.20 ‡	Pass
83.0	82.9	-0.01	-10.00	10.00	0.20 ‡	Pass
74.0	73.6	-0.01	-10.00	10.00	0.20 ‡	Pass
65.0	65.1	-0.01	-10.00	10.00	0.20 ‡	Pass

-- End of measurement results--

Total Harmonic Distortion + Noise (THD+N) Over Pressure

Tested at: 114 dB, 22 °C, 35 %RH

Nominal Pressure [kPa]	Pressure [kPa]	Test Result [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
108.0	108.1	0.38	0.00	2.00	0.25 ‡	Pass
101.3	100.9	0.37	0.00	2.00	0.25 ‡	Pass
92.0	92.1	0.37	0.00	2.00	0.25 ‡	Pass
83.0	82.9	0.36	0.00	2.00	0.25 ‡	Pass
74.0	73.6	0.37	0.00	2.00	0.25 ‡	Pass
65.0	65.1	0.38	0.00	2.00	0.25 ‡	Pass

-- End of measurement results--

Signatory: Scott Montgomery

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 716-684-0001



Calibration Certificate

Certificate Number 2021000863

Customer:

RWDI

600 Southgate Drive

Guelph, ON N1G 4P6, Canada

Model Number CAL200

Serial Number 2570

Test Results Pass

Initial Condition Adjusted

Description Larson Davis CAL200 Acoustic Calibrator

Procedure Number D0001.8386

Technician Scott Montgomery

Calibration Date 25 Jan 2021

Calibration Due 25 Jan 2022

Temperature 22 °C ± 0.3 °C

Humidity 32 %RH ± 3 %RH

Static Pressure 101.5 kPa ± 1 kPa

Evaluation Method The data is acquired by the insert voltage calibration method using the reference microphone's open circuit sensitivity. Data reported in dB re 20 µPa.

Compliance Standards Compliant to Manufacturer Specifications per D0001.8190 and the following standards:
IEC 60942:2017 ANSI S1.40-2006

Issuing lab certifies that the instrument described above meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the SI through the National Institute of Standards and Technology (NIST), or other national measurement institutes, and meets the requirements of ISO/IEC 17025:2017. Test points marked with a ‡ in the uncertainties column do not fall within this laboratory's scope of accreditation.

The quality system is registered to ISO 9001:2015.

This calibration is a direct comparison of the unit under test to the listed reference standards and did not involve any sampling plans to complete. No allowance has been made for the instability of the test device due to use, time, etc. Such allowances would be made by the customer as needed.

The uncertainties were computed in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor of approximately 2 sigma (k=2) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95% confidence level.

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Standards Used

Description	Cal Date	Cal Due	Cal Standard
Agilent 34401A DMM	08/04/2020	08/04/2021	001021
Larson Davis Model 2900 Real Time Analyzer	04/02/2020	04/02/2021	001051
Microphone Calibration System	03/03/2020	03/03/2021	005446
1/2" Preamplifier	08/27/2020	08/27/2021	006506
Larson Davis 1/2" Preamplifier 7-pin LEMO	08/06/2020	08/06/2021	006507
1/2 inch Microphone - RI - 200V	06/04/2020	06/04/2021	006510
Pressure Transducer	07/17/2020	07/17/2021	007368

LARSON DAVIS - A PCB PIEZOTRONICS DIV.
1681 West 820 North
Provo, UT 84601, United States
716-684-0001



Output Level

Nominal Level [dB]	Pressure [kPa]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
114	101.4	114.00	113.80	114.20	0.14	Pass
94	101.5	94.02	93.80	94.20	0.15	Pass

-- End of measurement results--

Frequency

Nominal Level [dB]	Pressure [kPa]	Test Result [Hz]	Lower limit [Hz]	Upper limit [Hz]	Expanded Uncertainty [Hz]	Result
114	101.4	1,000.19	990.00	1,010.00	0.20	Pass
94	101.5	1,000.19	990.00	1,010.00	0.20	Pass

-- End of measurement results--

Total Harmonic Distortion + Noise (THD+N)

Nominal Level [dB]	Pressure [kPa]	Test Result [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
114	101.4	0.29	0.00	2.00	0.25 ‡	Pass
94	101.5	0.36	0.00	2.00	0.25 ‡	Pass

-- End of measurement results--

Level Change Over Pressure

Tested at: 114 dB, 23 °C, 31 %RH

Nominal Pressure [kPa]	Pressure [kPa]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
108.0	107.9	-0.02	-0.30	0.30	0.04 ‡	Pass
101.3	101.0	0.00	-0.30	0.30	0.04 ‡	Pass
92.0	92.3	0.04	-0.30	0.30	0.04 ‡	Pass
83.0	83.3	0.01	-0.30	0.30	0.04 ‡	Pass
74.0	74.3	-0.06	-0.30	0.30	0.04 ‡	Pass
65.0	64.9	-0.21	-0.30	0.30	0.04 ‡	Pass

-- End of measurement results--

Frequency Change Over Pressure

Tested at: 114 dB, 23 °C, 31 %RH

Nominal Pressure [kPa]	Pressure [kPa]	Test Result [Hz]	Lower limit [Hz]	Upper limit [Hz]	Expanded Uncertainty [Hz]	Result
108.0	107.9	0.00	-10.00	10.00	0.20 ‡	Pass
101.3	101.0	0.00	-10.00	10.00	0.20 ‡	Pass
92.0	92.3	0.00	-10.00	10.00	0.20 ‡	Pass
83.0	83.3	0.00	-10.00	10.00	0.20 ‡	Pass
74.0	74.3	0.00	-10.00	10.00	0.20 ‡	Pass
65.0	64.9	0.00	-10.00	10.00	0.20 ‡	Pass

-- End of measurement results--



Total Harmonic Distortion + Noise (THD+N) Over Pressure

Tested at: 114 dB, 23 °C, 31 %RH

Nominal Pressure [kPa]	Pressure [kPa]	Test Result [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
108.0	107.9	0.29	0.00	2.00	0.25 ‡	Pass
101.3	101.0	0.30	0.00	2.00	0.25 ‡	Pass
92.0	92.3	0.30	0.00	2.00	0.25 ‡	Pass
83.0	83.3	0.31	0.00	2.00	0.25 ‡	Pass
74.0	74.3	0.33	0.00	2.00	0.25 ‡	Pass
65.0	64.9	0.36	0.00	2.00	0.25 ‡	Pass

-- End of measurement results--

Signatory: Scott Montgomery

LARSON DAVIS - A PCB PIEZOTRONICS DIV.
 1681 West 820 North
 Provo, UT 84601, United States
 716-684-0001



Initial Assessment

Certificate Number 2021000862

Customer:

RWDI
600 Southgate Drive
Guelph, ON N1G 4P6, Canada

Model Number	CAL200	Procedure Number	D0001.8386
Serial Number	2570	Technician	Scott Montgomery
Test Results	Pass	Calibration Date	25 Jan 2021
Initial Condition	As Received	Calibration Due	25 Jan 2022
Description	Larson Davis CAL200 Acoustic Calibrator	Temperature	22 °C ± 0.3 °C
		Humidity	32 %RH ± 3 %RH
		Static Pressure	101.2 kPa ± 1 kPa

Evaluation Method The data is acquired by the insert voltage calibration method using the reference microphone's open circuit sensitivity. Data reported in dB re 20 µPa.

Compliance Standards Compliant to Manufacturer Specifications per D0001.8190 and the following standards:
IEC 60942:2017 ANSI S1.40-2006

Issuing lab certifies that the instrument described above meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the SI through the National Institute of Standards and Technology (NIST), or other national measurement institutes, and meets the requirements of ISO/IEC 17025:2017. **Test points marked with a ‡ in the uncertainties column do not fall within this laboratory's scope of accreditation.**

The quality system is registered to ISO 9001:2015.

This calibration is a direct comparison of the unit under test to the listed reference standards and did not involve any sampling plans to complete. No allowance has been made for the instability of the test device due to use, time, etc. Such allowances would be made by the customer as needed.

The uncertainties were computed in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor of approximately 2 sigma (k=2) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95% confidence level.

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Standards Used			
Description	Cal Date	Cal Due	Cal Standard
Agilent 34401A DMM	08/04/2020	08/04/2021	001021
Larson Davis Model 2900 Real Time Analyzer	04/02/2020	04/02/2021	001051
Microphone Calibration System	03/03/2020	03/03/2021	005446
1/2" Preamplifier	08/27/2020	08/27/2021	006506
Larson Davis 1/2" Preamplifier 7-pin LEMO	08/06/2020	08/06/2021	006507
1/2 inch Microphone - RI - 200V	06/04/2020	06/04/2021	006510
Pressure Transducer	07/17/2020	07/17/2021	007368

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716-684-0001



Output Level

Nominal Level [dB]	Pressure [kPa]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
114	101.3	114.05	113.80	114.20	0.14	Pass
94	101.2	94.06	93.80	94.20	0.15	Pass

-- End of measurement results--

Frequency

Nominal Level [dB]	Pressure [kPa]	Test Result [Hz]	Lower limit [Hz]	Upper limit [Hz]	Expanded Uncertainty [Hz]	Result
114	101.3	1,000.18	990.00	1,010.00	0.20	Pass
94	101.2	1,000.20	990.00	1,010.00	0.20	Pass

-- End of measurement results--

Total Harmonic Distortion + Noise (THD+N)

Nominal Level [dB]	Pressure [kPa]	Test Result [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
114	101.3	0.30	0.00	2.00	0.25 ‡	Pass
94	101.2	0.33	0.00	2.00	0.25 ‡	Pass

-- End of measurement results--

Level Change Over Pressure

Tested at: 114 dB, 23 °C, 31 %RH

Nominal Pressure [kPa]	Pressure [kPa]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
108.0	107.9	-0.02	-0.30	0.30	0.04 ‡	Pass
101.3	101.0	0.00	-0.30	0.30	0.04 ‡	Pass
92.0	92.3	0.04	-0.30	0.30	0.04 ‡	Pass
83.0	83.3	0.01	-0.30	0.30	0.04 ‡	Pass
74.0	74.3	-0.06	-0.30	0.30	0.04 ‡	Pass
65.0	64.9	-0.21	-0.30	0.30	0.04 ‡	Pass

-- End of measurement results--

Frequency Change Over Pressure

Tested at: 114 dB, 23 °C, 31 %RH

Nominal Pressure [kPa]	Pressure [kPa]	Test Result [Hz]	Lower limit [Hz]	Upper limit [Hz]	Expanded Uncertainty [Hz]	Result
108.0	107.9	0.00	-10.00	10.00	0.20 ‡	Pass
101.3	101.0	0.00	-10.00	10.00	0.20 ‡	Pass
92.0	92.3	0.00	-10.00	10.00	0.20 ‡	Pass
83.0	83.3	0.00	-10.00	10.00	0.20 ‡	Pass
74.0	74.3	0.00	-10.00	10.00	0.20 ‡	Pass
65.0	64.9	0.00	-10.00	10.00	0.20 ‡	Pass

-- End of measurement results--

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 1681 West 820 North
 Provo, UT 84601, United States
 716-684-0001



Total Harmonic Distortion + Noise (THD+N) Over Pressure

Tested at: 114 dB, 23 °C, 31 %RH

Nominal Pressure [kPa]	Pressure [kPa]	Test Result [%]	Lower limit [%]	Upper limit [%]	Expanded Uncertainty [%]	Result
108.0	107.9	0.29	0.00	2.00	0.25 ‡	Pass
101.3	101.0	0.30	0.00	2.00	0.25 ‡	Pass
92.0	92.3	0.30	0.00	2.00	0.25 ‡	Pass
83.0	83.3	0.31	0.00	2.00	0.25 ‡	Pass
74.0	74.3	0.33	0.00	2.00	0.25 ‡	Pass
65.0	64.9	0.36	0.00	2.00	0.25 ‡	Pass

-- End of measurement results--

Signatory: Scott Montgomery

LARSON DAVIS - A PCB PIEZOTRONICS DIV.
 1681 West 820 North
 Provo, UT 84601, United States
 716-684-0001





29th of September , 2021

Rowan Williams Davies & Irwin Inc
600 Southgate Drive
Guelph ON N1G 4P6

Attn: Amy Patenaude

Subject : Instrument calibration status

Dear Amy ,

The instruments received recently from RWDI for calibration were found to be within specifications and no adjustments were made to any of them to have them meet those specifications.

The instrument details are bellow

Ref #	Make	Model	Ser_N 1	Asset	Cal_Date
167741	PCB Piezotronics	378B02	135143	NAVCAD MIC 02	28-Sep-21
167742	PCB Piezotronics	378B02	118346	NAVCAD MIC 7	28-Sep-21
167743	National Instruments	NI9234	1A190A6	IEPE 14	28-Sep-21
167744	Larson Davis	CAL200	9351	831C KIT 4	28-Sep-21

Part of East Durham
2021 Deployment

I remain at your disposal should you require any additional information.

Sincerely ,

John Raposo

Director of Operations
Navair Technologies Inc
6375 Dixie road , unit 7
Mississauga ON L5T 2E7

**Cart Details****From Date/Time**

March 11, 2021 13:17

Created By

Lorenzo Carboni

To Date/Time

July 26, 2021 23:59

Job number

1502606

Name	Serial number	Item Description
NAVCAD Mic 2	135143	PCB Free Field microphone and preamplifier pair, ICP/IEPE/CCLD connection. 1/2 mic, nominal 50mV/pa sensitivity. Frequency Range: (± 2 dB) 3.75 to 20000 Hz (3.75 to 20000 Hz). Inherent Noise: 15.5 dB(A) re 20 μ Pa. Dynamic Range: 137 dB re 20 μ Pa
Microhard Bullet-LTE-NA2 modem #33	012-1293017	Mirohard Bullet-LTE-NA2 modem, cellular with full size SIM slot, single Ethernet interface, 2 RS232 interfaces, and 1 USB interface. 12-volt powered.
cDAQ 20 NI 9171 USB Chassis - 1 slot	1A84E89	Single slot cDAQ chassis, uses 9234 or other cards. USB connection, no external power required. Typically used in NAVCAD.
NI IEPE 14	1A190A6	4-channel data acquisition card for use in Compact DAQ carrier
SBC 24 ARK-1123	KSA2855230	NAVCAD Computer
NAVCAD Unit 16		This asset represents the NAVCAD unit overall.
CR300 09	9674	Campbell scientific NAVCAD datalogger
Solar Controller 02	19280348	Maximum power point tracking (MPPT) matches the solar array to the battery. Use of high voltage modules – In addition to 12V crystalline modules, enables use of high voltage modules for off-grid battery charging. Converts 36V or 24V arrays for use with either a 24V or 12V battery.

Confirmed
13-Oct-2021

**Cart Details****From Date/Time**

March 24, 2021 11:35

To Date/Time

July 26, 2021 23:59

Created By

Lorenzo Carboni

Job number

1502606

Name	Serial number	Item Description
Noimet 20	154552	The Wind Monitor-AQ is a high resolution wind sensor for air quality applications. It combines low threshold, fast response and excellent fidelity to meet important regulatory standards.
Hydreon Rain Sensor #05		The Hydreon Optical Rain Gauge is a reliable choice for precipitation measurements. The sensor package is about the size of a tennis ball and completely sealed from the environment. A built-in mounting arm allows for convenient mounting to weather station masts, buildings, and other infrastructure.

Confirmed
13-Oct-2021

Ambient Pressure Response of Free-Field Microphones

(Variation over Static Pressure)

Pressure	65 kPa	75 kPa	85 kPa	93 kPa	101 kPa	110kPa
2520	.38 dB	.20 dB	.14 dB	.069 dB	0.000	-.047 dB
2540	.34 dB	.24 dB	.15 dB	.08 dB	0.000	-.075 dB
377B41	.43 dB	.31 dB	.19 dB	.099 dB	0.000	-.10 dB

NOTE: Results in dB referenced to 101 kPa

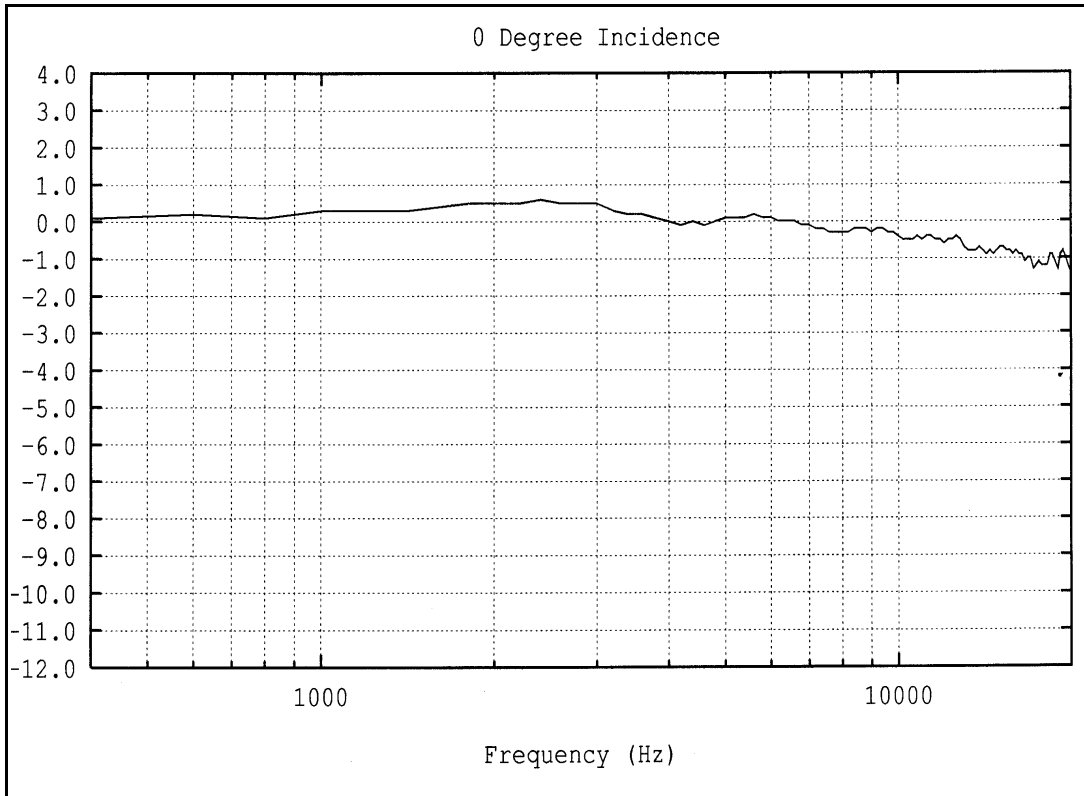
Position of Instrument and Operator:

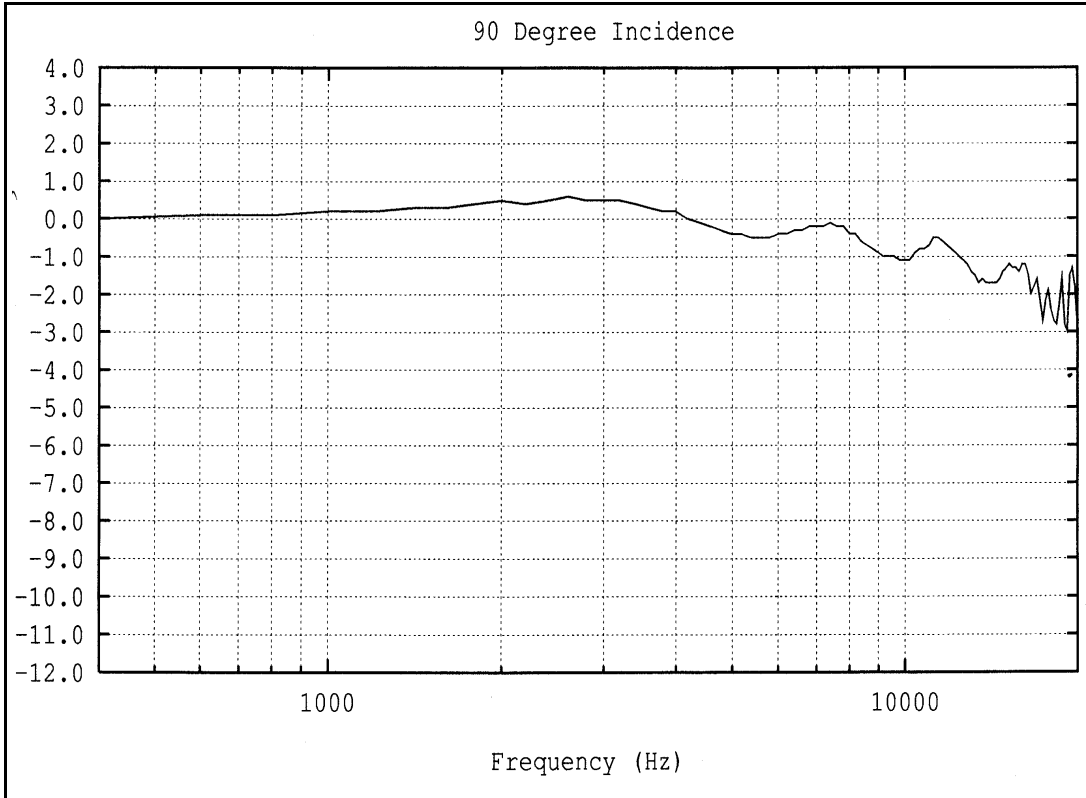
When making a measurement, it is recommended that the observer be positioned as far behind and to the right of the instrument as possible to minimize interference of the sound field at the microphone resulting from body reflections. When using the 824, the meter is held in one hand with the arm extended away from the body. Better results can be obtained by using a tripod.

Effect of Windscreen:

The Corrections which should be subtracted from the measured data when using the Larson-Davis Model WS001 3½ inch diameter windscreen with a ½ inch Larson-Davis microphone are as indicated in the following graphs.

Windscreen Response with Respect to No Windscreen





The page features a decorative background with a large, light grey curved shape on the right side and a blue curved shape on the left side, separated by a white border.

APPENDIX D

I can confirm on behalf of East Durham Wind GP, ULC that the wind turbines located within the East Durham Wind Energy Centre that were included in this immission report were operating normally for the duration of the measurement campaign from March 24, 2021 through May 31, 2021, except when the turbines were either parked deliberately for ambient noise measurements, or were parked due to operational considerations (i.e. to match power demands, or for maintenance).

Company Name:

East Durham Wind GP, ULC

Name of Company Representative:

Martin Davison

Title:

Wind General Manager -Canada

Signature of Company Representative:

Martin
Davison

Digitally signed by Martin Davison
DN: cn=Martin Davison, o=Nextera
Energy Canada, ou=Wind Canada,
email=martin.davison@nexteraener
gy.com, c=CA
Date: 2021.07.13 19:04:52 -04'00'

Date:

7/13/2021

The page features a decorative background with a blue curved shape in the top-left corner and a large grey curved shape that dominates the lower half of the page. The text 'APPENDIX E' is centered within the grey area.

APPENDIX E

Rationale Summary Table for Measurement Locations (East Durham I-Audits)

Rank	Rec Id.	Re. Type	Rec. Height (m)	Distance to Nearest Turbine (m)	Nearest Turbine	Modelled Sound Level (dBA)	Location Comment	Location Conclusion
1	475	Vlr	4.5	615	T5	40.0	Ideal location. Downwind of the dominant wind direction (East of T5 and the substation)	Permission obtained (Monitor B)
2	30	Vlr	4.5	676	T5	39.7	Not down wind of prevailing wind (south of turbines)	Not Selected
3	161	Vlr	4.5	602	T8	39.5	Good location for monitoring. Equivalent to R208 where monitoring was conducted	Permission obtained (Monitor C, Spring 2021)
4	208	Vlr	4.5	644	T8	39.5	Located in decent location for down wind conditions. Located in close proximity to several turbines for combined effects	Permission obtained (Monitor C)
5	236	Res	4.5	609	T2	39.5	Ideal location, downwind of T2 and is an existing house. Alt participating Location is R272	Similar to R318
6	318	Res	4.5	594	T2	39.3	Ideal location, downwind of T2 and is an existing house. Alt participating Location is R272	Selected Participating receptor R272 as permission was not granted at R318 (Monitor D)
7	93	Vlr	4.5	579	T11	39.0	Located downwind of T11 and is in close proximity to several turbines	Permission obtained (Monitor A)
8	474	Vlr	4.5	619	T11	38.6	Located downwind of T11 and is in close proximity to several turbines	Similar to R93
9	6	Res	4.5	576	T3	38.5	Not down wind of prevailing wind (west of turbines)	Not Selected
10	316	Res	4.5	792	T5(*)	38.5	Downwind of T5 and substation	Similar to R475
11	127	Res	4.5	562	T17	38.3	Not down wind of prevailing wind (west of turbines)	Not Selected
12	4	Res	4.5	625	T10	38.1	Not down wind of prevailing wind (south of turbines)	Not Selected
13	77	Vlr	4.5	719	T11	38.1	Not down wind of prevailing wind (northwest of turbines)	Not Selected
14	102	Res	4.5	624	T3	38.0	Not down wind of prevailing wind (west of turbines)	Not Selected
15	282	Res	4.5	563	T12	38.0	Not down wind of prevailing wind (northwest of turbines)	Not Selected
16	91	Res	4.5	759	T4	37.9	Not down wind of prevailing wind (southwest of turbines)	Not Selected
17	323	Res	4.5	567	T16	37.7	Not down wind of prevailing wind (west of turbines)	Not Selected
18	84	Res	4.5	562	T16	37.6	Winds are decently downwind of T6	Permission was not obtained
19	277	Res	4.5	646	T3	37.6	Not down wind of prevailing wind (west of turbines)	Not Selected
20	137	Res	4.5	730	T11	37.5	Not down wind of prevailing wind (northwest of turbines)	Not Selected
21	177	Res	4.5	637	T11	37.5	Winds are decently downwind of T11. Monitor A at R93 is better monitoring choice	Not Selected
22	337	Vlr	4.5	600	T16	37.5	Not down wind of prevailing wind (west of turbines)	Not Selected
23	341	Vlr	4.5	571	T16	37.4	Winds are decently downwind of T16, but not a great location	Not Selected
24	89	Res	4.5	682	T3	37.2	Not down wind of prevailing wind (west of turbines)	Not Selected
25	2	Res	4.5	691	T17	37.1	Not down wind of prevailing wind (west of turbines)	Not Selected
26	304	Res	4.5	610	T16	37.1	Winds are decently downwind of T16, but not a great location	Not Selected
27	64	Res	4.5	720	T15	37.0	Great location as it is downwind of T14 and T15	Permission obtained and monitor was originally placed here. Due to wind break affecting data, the monitor was moved to participating land R195. The new location is equivalent to R64

At Measurement Location in the Direction of the Turbine



East Durham Wind Farm
Monitor Location C - WTG0011

East Durham Spring 2021 Immission Report

Drawn by: ACCL

Figure: E.1

Project #1502606

Date: July 20, 2021



In Close Proximity to the Turbine in the Direction of the Measurement Location



East Durham Wind Farm
Monitor Location C - WTG0011

East Durham Spring 2021 Immission Report

Drawn by: ACCL

Figure: E.2

Project #1502606

Date: July 20, 2021



At 90° to the Line Between the Turbine and Measurement Location



East Durham Wind Farm Monitor Location C - WTG0011	Drawn by: ACCL	Figure: E.3	
	East Durham Spring 2021 Immission Report	Date: July 20, 2021	
Project #1502606			

At Measurement Location in the Direction of the Turbine



**East Durham Wind Farm
Monitor Location C**

East Durham Spring 2021 Immission Report

Drawn by: LRC

Figure: E.4

Project #1502606

Date: July 09, 2021



In Close Proximity to the Turbine in the Direction of the Measurement Location



**East Durham Wind Farm
Monitor Location C**

East Durham Spring 2021 Immission Report

Drawn by: LRC

Figure: E.5

Date: July 09, 2021

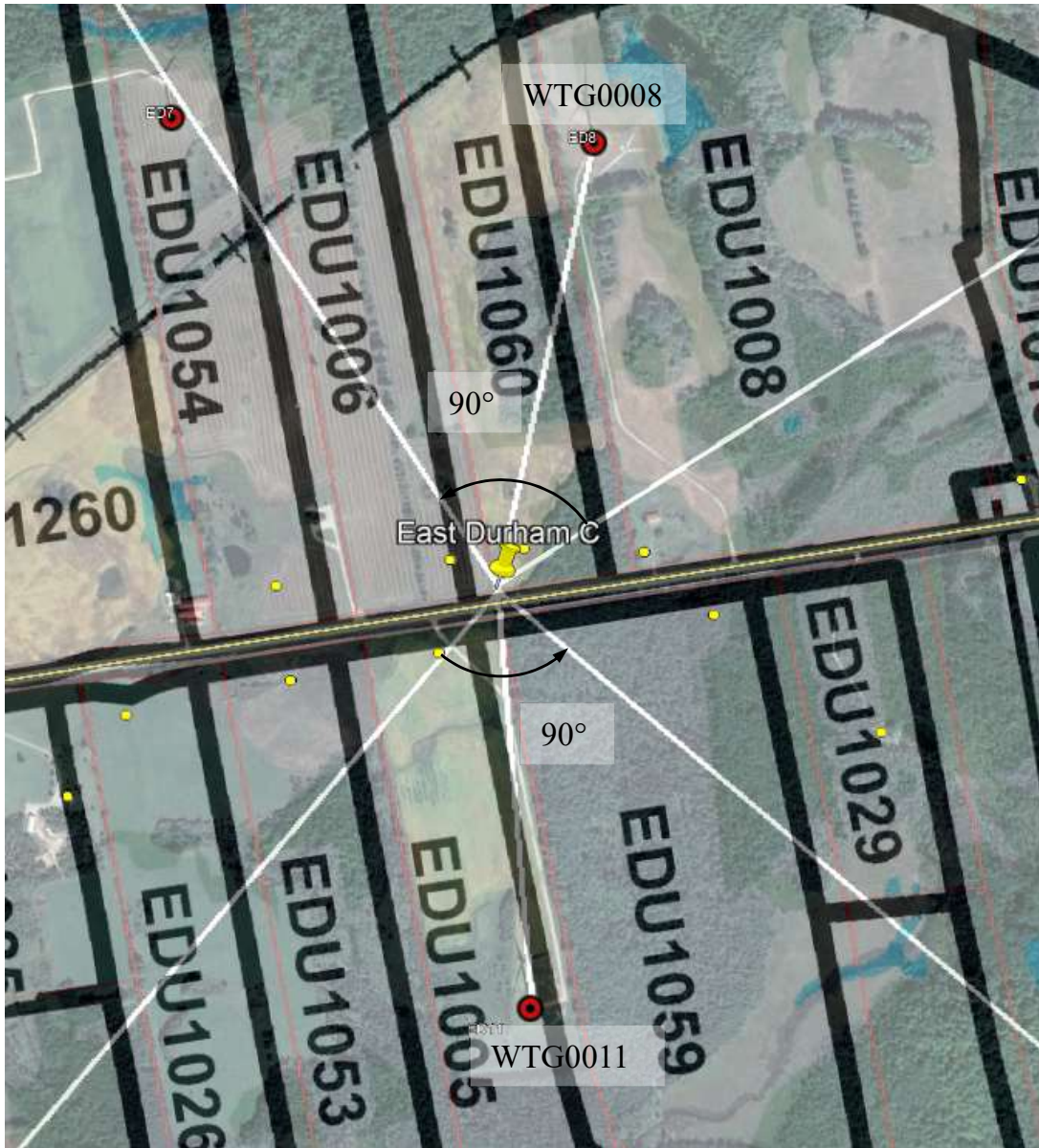
Project #1502606



At 90° to the Line Between the Turbine and Measurement Location



East Durham Wind Farm Monitor Location C	Drawn by: LRC	Figure: E.6	
	East Durham Spring 2021 Immission Report	Date: July 09, 2021	
	Project #1502606		



Monitoring Location A – JER2532	
Turbine ID	Turbine Angle
WTG0008	12.5°
WTG0011	174.5°
Most Impactful Turbine:	WTG0011
Turbines with Impacts within 2 dB of WTG0011's Impact at the Receptor:	WTG0008
Angle Sector 1 (Based on WTG0011):	90° (327.5°- 57.5°)
Angle Sector 2 (Based on WTG0008):	90° (129.5°- 219.5°)

Wind Angle – Monitor C

Drawn by: ACCL | Figure: E.7

Date Revised: August 10, 2021



Noise Monitoring Location

Monitoring Location	UTM 17		Microphone Height (m)
	Easting (m)	Northing (m)	
East Durham C	525643	4893916	4.5

The page features a decorative background with a blue triangle in the top-left corner and a large, light-grey circular shape that overlaps the triangle and extends across the page. The text 'APPENDIX F' is centered within the grey circle.

APPENDIX F

Appendix F1 - Summary of Measurement Conditions

East Durham Wind Farm, 1502606

Measurement Duration	March 24, 2021 to May 31, 2021
Wind Speed	0 to 16 m/s
Temperature	-8° to 30°C
General Weather Conditions	Weather conditions varied significantly over the measurement campaign
Wind Rose Plots	Found in Figure 3
Signed Statement by the Operator	Found in Appendix D

A large decorative graphic on the left side of the page, featuring a blue triangle at the top left corner and a large, light gray semi-circle that curves from the top left towards the bottom right. The text 'APPENDIX G' is centered within the gray area.

APPENDIX G

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-21 00:09:40	0.76	36.3
2021-03-21 00:10:20	0.85	36.6
2021-03-21 00:12:10	0.51	36.8
2021-03-21 00:12:20	1.08	36.6
2021-03-21 00:12:50	0.56	36.5
2021-03-21 00:13:00	0.51	37.0
2021-03-21 00:14:20	0.83	37.2
2021-03-21 00:14:30	1.15	37.1
2021-03-21 00:14:40	1.17	38.2
2021-03-21 00:15:40	0.81	38.8
2021-03-21 00:15:50	1.04	38.2
2021-03-21 00:16:00	1.04	37.5
2021-03-21 00:16:10	1.91	37.0
2021-03-21 00:16:20	0.87	37.4
2021-03-21 00:16:30	1.14	37.0
2021-03-21 00:16:40	0.63	36.3
2021-03-21 00:16:50	1.18	36.6
2021-03-21 00:17:30	1.22	36.6
2021-03-21 00:17:40	0.95	37.2
2021-03-21 00:17:50	0.84	36.7
2021-03-21 00:18:00	1.04	36.2
2021-03-21 00:18:10	1.30	36.7
2021-03-21 00:18:20	1.04	36.4
2021-03-21 00:18:30	1.08	36.3
2021-03-21 00:18:40	0.81	36.7
2021-03-21 00:18:50	0.91	36.5
2021-03-21 00:19:00	0.62	36.6
2021-03-21 00:19:10	1.01	36.8
2021-03-21 00:19:20	1.08	37.1
2021-03-21 00:19:30	1.25	37.1
2021-03-21 00:19:40	1.18	37.2
2021-03-21 00:19:50	0.75	37.3
2021-03-21 00:20:10	0.84	37.1
2021-03-21 00:20:20	0.88	36.9
2021-03-21 00:20:30	1.20	37.0
2021-03-21 00:20:40	0.69	37.0
2021-03-21 00:20:50	0.69	36.8
2021-03-21 00:21:00	0.55	36.5
2021-03-21 00:21:10	0.75	36.5
2021-03-21 00:22:00	0.81	36.6
2021-03-21 00:22:20	1.40	37.2
2021-03-21 00:24:00	1.03	37.4
2021-03-21 00:25:30	0.84	37.5
2021-03-21 00:40:20	1.41	35.9
2021-03-21 00:40:40	1.13	37.4
2021-03-21 00:40:50	0.85	37.2
2021-03-21 00:41:00	2.87	36.8
2021-03-21 00:41:10	1.95	36.8
2021-03-21 00:41:20	0.88	37.0

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-21 00:41:30	1.31	36.7
2021-03-21 00:41:40	0.73	36.7
2021-03-21 00:41:50	1.43	36.9
2021-03-21 00:42:00	1.55	37.0
2021-03-21 00:42:20	2.06	38.1
2021-03-21 00:42:30	3.60	36.5
2021-03-21 00:42:40	3.11	36.9
2021-03-21 00:42:50	2.09	37.1
2021-03-21 00:43:00	1.44	36.5
2021-03-21 00:43:10	2.85	40.1
2021-03-21 00:44:20	2.94	38.0
2021-03-21 00:44:30	1.04	37.8
2021-03-21 00:44:40	1.00	36.8
2021-03-21 00:44:50	1.97	37.2
2021-03-21 00:45:00	3.71	37.0
2021-03-21 00:45:10	2.74	37.2
2021-03-21 00:45:20	1.57	37.4
2021-03-21 00:45:30	0.94	37.4
2021-03-21 00:45:40	3.14	37.7
2021-03-21 00:45:50	2.56	37.1
2021-03-21 00:46:00	1.20	37.1
2021-03-21 00:46:20	3.47	36.9
2021-03-21 00:46:30	1.47	37.3
2021-03-21 00:46:40	2.25	37.2
2021-03-21 00:47:40	3.25	36.7
2021-03-21 00:47:50	2.12	37.1
2021-03-21 00:48:00	1.96	36.9
2021-03-21 00:48:10	2.16	37.1
2021-03-21 00:48:20	3.12	37.3
2021-03-21 00:48:30	1.47	37.2
2021-03-21 00:48:40	2.24	36.7
2021-03-21 00:48:50	1.98	37.6
2021-03-21 00:49:00	3.02	36.7
2021-03-21 00:49:10	2.92	37.1
2021-03-21 00:49:20	0.99	37.0
2021-03-21 00:49:30	0.61	36.4
2021-03-21 00:49:40	2.47	36.6
2021-03-21 00:49:50	2.37	37.3
2021-03-21 00:50:00	2.21	36.8
2021-03-21 00:50:10	3.36	37.1
2021-03-21 00:50:20	2.06	36.9
2021-03-21 00:50:30	1.82	36.4
2021-03-21 00:50:40	3.09	36.8
2021-03-21 00:50:50	2.63	36.8
2021-03-21 00:51:00	2.50	37.0
2021-03-21 00:51:10	1.76	36.8
2021-03-21 00:51:20	1.94	37.3
2021-03-21 00:51:40	3.04	36.5
2021-03-21 00:51:50	1.56	36.1

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-21 00:52:00	0.80	36.3
2021-03-21 00:52:10	1.59	36.5
2021-03-21 00:52:20	3.60	36.8
2021-03-21 00:52:30	2.22	37.2
2021-03-21 00:52:40	3.91	38.0
2021-03-21 00:52:50	3.23	37.7
2021-03-21 00:53:00	1.75	38.2
2021-03-21 00:53:10	1.89	39.0
2021-03-21 00:54:00	2.08	37.8
2021-03-21 00:54:10	2.83	37.0
2021-03-21 00:54:20	2.67	36.3
2021-03-21 00:54:30	2.50	36.2
2021-03-21 00:54:40	2.68	36.7
2021-03-21 00:54:50	2.54	36.9
2021-03-21 00:55:00	2.83	37.4
2021-03-21 00:55:10	1.62	37.2
2021-03-21 00:55:20	1.09	37.0
2021-03-21 00:55:30	1.12	36.7
2021-03-21 00:55:40	1.90	36.6
2021-03-21 00:55:50	2.70	37.1
2021-03-21 00:56:00	3.80	36.8
2021-03-21 00:56:20	2.99	37.1
2021-03-21 00:56:30	2.74	37.1
2021-03-21 00:56:40	1.85	37.5
2021-03-21 00:56:50	2.85	37.4
2021-03-21 00:57:00	3.02	37.5
2021-03-21 00:57:10	1.81	36.9
2021-03-21 00:57:20	1.96	37.3
2021-03-21 00:57:30	2.33	37.2
2021-03-21 00:58:10	2.53	36.7
2021-03-21 00:59:20	1.85	37.3
2021-03-21 00:59:50	1.52	37.0
2021-03-21 01:00:00	1.21	36.9
2021-03-21 01:00:10	2.25	37.2
2021-03-21 01:00:20	2.69	36.8
2021-03-21 03:08:00	0.71	36.6
2021-03-21 03:08:10	0.57	37.0
2021-03-21 03:08:30	2.37	38.3
2021-03-21 03:08:40	1.67	37.9
2021-03-21 03:08:50	1.02	38.1
2021-03-21 03:10:00	2.17	37.5
2021-03-21 03:10:10	1.13	38.4
2021-03-21 03:11:10	1.19	39.0
2021-03-21 03:11:20	3.18	38.5
2021-03-21 03:11:30	2.65	40.2
2021-03-21 03:11:40	1.44	37.5
2021-03-21 03:11:50	2.02	36.9
2021-03-21 03:12:00	2.42	36.4
2021-03-21 03:12:10	1.92	36.8

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-21 03:12:20	2.28	37.4
2021-03-21 03:12:30	2.24	36.6
2021-03-21 03:12:40	1.45	36.7
2021-03-21 03:12:50	1.98	36.9
2021-03-21 03:13:00	0.65	36.7
2021-03-21 03:13:10	1.34	36.7
2021-03-21 03:13:20	0.86	36.4
2021-03-21 03:13:30	1.10	36.6
2021-03-21 03:13:40	0.75	36.8
2021-03-21 03:13:50	0.51	36.3
2021-03-21 03:14:00	0.53	36.1
2021-03-21 03:14:10	1.17	35.5
2021-03-21 03:14:20	1.83	35.5
2021-03-21 03:14:30	1.23	36.5
2021-03-21 03:14:40	1.24	36.6
2021-03-21 03:14:50	1.46	36.2
2021-03-21 03:15:00	2.13	35.8
2021-03-21 03:15:10	1.86	35.9
2021-03-21 03:15:20	1.86	36.9
2021-03-21 03:15:30	1.96	36.6
2021-03-21 03:15:40	0.91	36.4
2021-03-21 03:15:50	1.24	35.5
2021-03-21 03:16:00	1.18	35.9
2021-03-21 03:16:10	0.64	35.9
2021-03-21 03:16:20	1.42	36.5
2021-03-21 03:16:30	1.43	37.2
2021-03-21 03:16:40	0.91	36.9
2021-03-21 03:16:50	1.44	36.5
2021-03-21 03:17:00	1.08	36.4
2021-03-21 03:17:10	1.03	36.6
2021-03-21 03:17:20	0.76	36.1
2021-03-21 03:17:30	2.32	36.5
2021-03-21 03:17:40	2.20	36.3
2021-03-21 03:17:50	1.59	36.5
2021-03-21 03:18:00	1.77	36.9
2021-03-21 03:18:10	1.25	37.3
2021-03-21 03:18:20	0.77	35.9
2021-03-21 03:18:30	0.77	36.5
2021-03-21 03:18:40	0.94	35.9
2021-03-21 03:18:50	0.70	36.4
2021-03-21 03:19:00	1.31	36.6
2021-03-21 03:19:10	1.35	36.1
2021-03-21 03:19:20	1.25	35.9
2021-03-21 03:19:30	0.83	36.7
2021-03-21 03:19:40	0.67	36.8
2021-03-21 03:19:50	1.47	36.6
2021-03-21 03:20:00	1.59	36.2
2021-03-21 03:20:10	1.15	36.4
2021-03-21 03:20:20	1.62	36.8

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-21 03:20:30	0.93	36.8
2021-03-21 03:20:40	1.80	37.2
2021-03-21 03:20:50	2.43	37.6
2021-03-21 03:21:00	1.20	37.3
2021-03-21 03:21:10	0.97	36.5
2021-03-21 03:21:20	1.06	36.8
2021-03-21 03:21:30	1.27	36.4
2021-03-21 03:21:40	1.06	36.0
2021-03-21 03:21:50	0.71	36.0
2021-03-21 03:22:00	0.97	35.7
2021-03-21 03:22:10	1.17	36.7
2021-03-21 03:22:20	1.67	37.5
2021-03-21 03:22:30	2.76	36.6
2021-03-21 03:22:40	1.77	36.5
2021-03-21 03:22:50	0.82	36.1
2021-03-21 03:23:00	1.16	36.0
2021-03-21 03:23:10	1.13	35.8
2021-03-21 03:23:20	3.09	36.4
2021-03-21 03:23:30	1.31	37.4
2021-03-21 03:23:40	0.76	36.6
2021-03-21 03:23:50	1.78	36.8
2021-03-21 03:24:00	1.10	36.7
2021-03-21 03:24:10	1.21	36.3
2021-03-21 03:24:20	1.18	36.7
2021-03-21 03:24:30	1.04	36.1
2021-03-21 03:24:40	1.48	35.6
2021-03-21 03:24:50	2.07	36.0
2021-03-21 03:25:00	1.47	36.9
2021-03-21 03:25:10	1.14	36.3
2021-03-21 03:25:20	0.71	36.4
2021-03-21 03:25:30	0.88	35.7
2021-03-21 03:25:40	1.48	35.5
2021-03-21 03:25:50	0.82	35.6
2021-03-21 03:26:00	3.22	35.9
2021-03-21 03:26:10	1.30	35.5
2021-03-21 03:26:30	0.91	36.4
2021-03-21 03:26:40	1.08	35.9
2021-03-21 03:26:50	0.70	36.3
2021-03-21 03:27:00	0.82	36.6
2021-03-21 03:27:10	1.25	36.5
2021-03-21 03:27:20	1.93	36.4
2021-03-21 03:27:30	2.00	36.4
2021-03-21 03:27:40	1.75	36.6
2021-03-21 03:27:50	0.81	36.7
2021-03-21 03:28:00	1.58	36.1
2021-03-21 03:28:10	0.73	36.4
2021-03-21 03:28:20	0.83	36.7
2021-03-21 03:28:30	0.85	36.5
2021-03-21 03:28:40	1.06	36.4

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-21 03:28:50	0.85	36.7
2021-03-21 03:29:00	2.52	37.1
2021-03-21 03:29:10	1.27	36.9
2021-03-21 03:29:20	0.79	37.2
2021-03-21 03:29:30	1.68	37.2
2021-03-21 03:29:40	0.89	36.8
2021-03-21 03:29:50	0.91	36.0
2021-03-21 03:30:00	0.94	36.6
2021-03-21 03:30:20	0.74	36.2
2021-03-21 03:30:30	0.58	35.7
2021-03-21 03:30:40	1.21	36.1
2021-03-21 03:30:50	1.41	36.0
2021-03-21 03:31:00	0.93	36.5
2021-03-21 03:31:10	1.07	36.7
2021-03-21 03:31:20	0.80	36.2
2021-03-21 03:31:30	1.02	36.4
2021-03-21 03:31:40	1.63	36.8
2021-03-21 03:31:50	0.84	36.8
2021-03-21 03:32:00	0.55	36.8
2021-03-21 03:32:10	0.62	36.9
2021-03-21 03:32:40	0.70	36.3
2021-03-21 03:33:00	0.74	39.0
2021-03-21 03:33:20	1.06	38.1
2021-03-21 03:33:30	0.95	37.5
2021-03-21 03:33:40	1.25	38.9
2021-03-21 03:33:50	1.28	37.5
2021-03-21 03:34:10	0.98	38.4
2021-03-21 03:34:20	1.18	36.5
2021-03-21 03:34:30	1.11	36.2
2021-03-21 03:34:40	0.65	36.1
2021-03-21 03:34:50	0.61	35.9
2021-03-21 03:35:00	1.03	35.5
2021-03-21 03:35:10	1.01	36.2
2021-03-21 03:35:20	0.79	36.2
2021-03-21 03:35:30	1.08	36.1
2021-03-21 03:35:40	1.64	36.5
2021-03-21 03:35:50	2.32	36.1
2021-03-21 03:36:00	1.92	36.9
2021-03-21 03:36:10	2.28	36.9
2021-03-21 03:36:20	2.12	36.9
2021-03-21 03:36:30	0.79	38.4
2021-03-21 03:37:50	2.84	39.2
2021-03-21 03:38:00	1.40	37.7
2021-03-21 03:38:10	1.80	37.2
2021-03-21 03:38:20	2.78	37.1
2021-03-21 03:38:30	1.56	36.6
2021-03-21 03:38:40	1.61	36.4
2021-03-21 03:38:50	2.15	36.3
2021-03-21 03:39:00	3.11	36.1

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-21 03:39:10	1.33	36.3
2021-03-21 03:39:30	0.59	36.4
2021-03-21 03:39:40	0.71	36.5
2021-03-21 03:39:50	1.53	36.2
2021-03-21 03:40:00	1.49	36.8
2021-03-21 03:40:10	2.02	36.4
2021-03-21 03:40:20	1.37	35.6
2021-03-21 03:40:30	1.47	37.0
2021-03-21 03:40:40	0.51	36.9
2021-03-21 03:40:50	0.80	36.2
2021-03-21 03:41:00	2.61	35.8
2021-03-21 03:41:10	1.25	35.7
2021-03-21 03:41:20	0.59	35.8
2021-03-21 03:41:30	2.59	36.7
2021-03-21 03:41:40	3.10	36.3
2021-03-21 03:41:50	2.11	36.4
2021-03-21 03:42:00	1.82	36.6
2021-03-21 03:42:10	1.50	36.5
2021-03-21 03:42:20	1.23	36.9
2021-03-21 03:42:30	2.30	36.9
2021-03-21 03:42:40	1.85	36.1
2021-03-21 03:42:50	1.61	36.0
2021-03-21 03:43:00	1.13	36.3
2021-03-21 03:43:10	0.94	36.5
2021-03-21 03:43:20	0.76	36.6
2021-03-21 03:43:30	0.96	36.7
2021-03-21 03:43:40	1.23	36.9
2021-03-21 03:43:50	0.74	37.1
2021-03-21 03:44:20	0.51	36.1
2021-03-21 03:44:30	0.87	36.6
2021-03-21 03:44:40	1.66	36.5
2021-03-21 03:44:50	1.74	36.1
2021-03-21 03:45:00	1.23	36.2
2021-03-21 03:45:10	0.90	36.5
2021-03-21 03:45:20	0.95	36.1
2021-03-21 03:45:30	1.67	36.5
2021-03-21 03:45:40	2.74	36.5
2021-03-21 03:45:50	1.85	36.9
2021-03-21 03:46:00	1.83	37.0
2021-03-21 03:46:10	1.74	36.4
2021-03-21 03:46:20	1.05	36.3
2021-03-21 03:46:30	0.87	36.3
2021-03-21 03:46:50	1.01	36.8
2021-03-21 03:47:00	0.80	37.1
2021-03-21 03:47:10	1.65	36.2
2021-03-21 03:47:20	2.49	36.1
2021-03-21 03:47:30	2.50	35.5
2021-03-21 03:47:40	0.56	36.2
2021-03-21 03:47:50	0.99	36.7

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-21 03:48:00	1.98	37.0
2021-03-21 03:48:10	1.36	36.7
2021-03-21 03:48:20	0.89	36.3
2021-03-21 03:48:30	0.83	36.3
2021-03-21 03:48:40	0.96	36.1
2021-03-21 03:48:50	1.81	35.7
2021-03-21 03:49:00	1.85	35.9
2021-03-21 03:49:10	1.19	36.2
2021-03-21 03:49:20	2.47	36.1
2021-03-21 03:49:30	2.71	36.2
2021-03-21 03:49:40	2.03	36.5
2021-03-21 03:49:50	1.29	36.7
2021-03-21 03:50:00	2.53	36.6
2021-03-21 03:50:10	3.79	36.6
2021-03-21 03:50:20	2.10	37.0
2021-03-21 03:50:30	0.96	36.4
2021-03-21 03:50:40	1.25	36.2
2021-03-21 03:50:50	2.24	37.8
2021-03-21 03:51:00	1.09	38.6
2021-03-21 03:51:10	0.55	39.0
2021-03-21 03:53:10	2.04	37.3
2021-03-21 03:53:20	1.91	36.9
2021-03-21 03:53:30	2.43	36.9
2021-03-21 03:53:40	0.69	36.6
2021-03-21 03:53:50	1.40	36.6
2021-03-21 03:54:00	1.09	36.4
2021-03-21 03:54:10	1.39	36.7
2021-03-21 03:54:20	1.36	36.4
2021-03-21 03:54:30	1.42	36.0
2021-03-21 03:54:40	1.65	36.9
2021-03-21 03:54:50	1.45	36.6
2021-03-21 03:55:00	2.81	36.4
2021-03-21 03:55:10	2.43	36.7
2021-03-21 03:55:20	0.90	37.0
2021-03-21 03:55:40	1.07	37.0
2021-03-21 03:55:50	1.19	37.4
2021-03-21 03:56:00	1.02	35.9
2021-03-21 03:56:10	1.78	36.2
2021-03-21 03:56:20	0.99	37.0
2021-03-21 03:56:30	0.90	36.8
2021-03-21 03:56:40	0.96	37.2
2021-03-21 03:56:50	0.77	37.0
2021-03-21 03:57:00	2.14	36.2
2021-03-21 03:57:10	1.91	36.4
2021-03-21 03:57:20	1.33	37.9
2021-03-21 03:57:30	0.80	36.9
2021-03-21 03:57:40	1.04	36.8
2021-03-21 03:57:50	1.98	37.0
2021-03-21 03:58:00	1.23	37.0

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-21 03:58:10	0.86	37.1
2021-03-21 03:58:20	0.64	37.0
2021-03-21 03:58:30	1.91	36.9
2021-03-21 03:58:40	1.95	37.2
2021-03-21 03:58:50	1.25	37.1
2021-03-21 03:59:00	0.58	38.0
2021-03-21 03:59:10	1.00	37.5
2021-03-21 03:59:20	0.77	36.8
2021-03-21 03:59:50	1.82	37.0
2021-03-21 04:00:00	1.74	37.1
2021-03-21 04:00:10	0.55	36.7
2021-03-21 04:00:30	0.82	37.1
2021-03-21 04:00:40	2.16	36.9
2021-03-21 04:00:50	1.22	36.7
2021-03-21 04:01:00	0.86	36.9
2021-03-21 04:01:10	0.86	36.5
2021-03-21 04:01:20	0.78	36.5
2021-03-21 04:01:30	0.88	37.4
2021-03-21 04:01:40	1.05	37.2
2021-03-21 04:01:50	1.27	37.6
2021-03-21 04:02:00	0.78	37.5
2021-03-21 04:02:10	2.03	36.9
2021-03-21 04:02:20	1.77	36.5
2021-03-21 04:02:30	0.84	37.3
2021-03-21 04:02:40	0.80	37.2
2021-03-21 04:02:50	0.84	37.6
2021-03-21 04:03:00	1.11	38.0
2021-03-21 04:03:10	0.93	37.1
2021-03-21 04:03:20	1.24	37.1
2021-03-21 04:03:30	0.93	36.8
2021-03-21 04:03:40	0.82	37.2
2021-03-21 04:03:50	0.93	37.4
2021-03-21 04:04:00	1.31	37.2
2021-03-21 04:04:10	2.04	37.6
2021-03-21 04:04:20	0.73	37.5
2021-03-21 04:04:30	0.77	37.4
2021-03-21 04:04:40	1.30	37.4
2021-03-21 04:04:50	1.47	37.3
2021-03-21 04:05:00	0.88	37.6
2021-03-21 04:05:10	1.16	37.2
2021-03-21 04:05:20	1.56	37.5
2021-03-21 04:05:30	1.26	36.9
2021-03-21 04:05:40	0.94	37.2
2021-03-21 04:06:10	1.07	37.2
2021-03-21 04:06:20	0.67	36.6
2021-03-21 04:06:30	0.73	37.0
2021-03-21 04:06:40	0.87	37.3
2021-03-21 04:06:50	1.05	36.8
2021-03-21 04:07:00	0.76	36.8

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-21 04:07:10	1.00	36.4
2021-03-21 04:07:20	0.67	36.9
2021-03-21 04:07:30	0.75	36.9
2021-03-21 04:07:40	0.88	37.1
2021-03-21 04:07:50	1.18	36.9
2021-03-21 04:08:10	0.85	37.2
2021-03-21 04:08:20	0.65	36.4
2021-03-21 04:08:30	0.62	36.5
2021-03-21 04:08:40	0.82	36.4
2021-03-21 04:08:50	0.86	37.2
2021-03-21 04:09:00	1.35	37.2
2021-03-21 04:09:10	1.57	36.9
2021-03-21 04:09:20	1.15	36.3
2021-03-21 04:09:30	0.73	36.4
2021-03-21 04:09:40	1.09	36.1
2021-03-21 04:09:50	0.70	36.1
2021-03-21 04:10:00	0.68	36.8
2021-03-21 04:10:10	1.33	36.8
2021-03-21 04:10:20	2.05	36.6
2021-03-21 04:10:30	1.67	36.5
2021-03-21 04:10:40	1.72	36.5
2021-03-21 04:10:50	2.18	36.7
2021-03-21 04:11:00	3.11	36.4
2021-03-21 04:11:10	2.28	36.5
2021-03-21 04:11:20	1.34	36.5
2021-03-21 04:11:30	1.33	36.6
2021-03-21 04:11:40	1.64	36.4
2021-03-21 04:11:50	1.49	36.3
2021-03-21 04:12:00	1.17	36.9
2021-03-21 04:12:10	1.24	37.1
2021-03-21 04:12:20	2.19	36.8
2021-03-21 04:12:30	2.89	37.1
2021-03-21 04:12:40	1.56	36.4
2021-03-21 04:12:50	2.23	36.4
2021-03-21 04:13:00	3.20	36.5
2021-03-21 04:13:10	2.24	36.3
2021-03-21 04:13:20	1.87	36.2
2021-03-21 04:13:30	1.35	36.4
2021-03-21 04:13:40	2.05	37.0
2021-03-21 04:13:50	1.37	36.7
2021-03-21 04:14:00	1.95	36.7
2021-03-21 04:14:10	1.37	36.2
2021-03-21 04:14:20	1.78	36.0
2021-03-21 04:14:30	1.66	36.1
2021-03-21 04:14:40	1.11	36.4
2021-03-21 04:14:50	1.06	36.6
2021-03-21 04:15:00	2.23	36.4
2021-03-21 04:15:10	3.01	36.4
2021-03-21 04:15:20	1.68	36.4

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-21 04:15:30	1.94	36.7
2021-03-21 04:15:40	0.64	37.0
2021-03-21 04:16:00	1.82	36.6
2021-03-21 04:16:10	1.50	36.7
2021-03-21 04:16:20	1.52	36.5
2021-03-21 04:16:30	1.16	36.4
2021-03-21 04:16:40	1.28	36.6
2021-03-21 04:16:50	1.86	36.6
2021-03-21 04:17:00	0.54	37.2
2021-03-21 04:18:20	2.09	36.4
2021-03-21 04:18:30	3.11	36.0
2021-03-21 04:18:40	2.12	36.8
2021-03-21 04:18:50	1.08	36.6
2021-03-21 04:19:00	0.75	36.0
2021-03-21 04:19:10	2.67	35.8
2021-03-21 04:19:20	1.47	35.6
2021-03-21 04:19:30	2.26	36.7
2021-03-21 04:19:40	1.03	37.0
2021-03-21 04:19:50	2.95	37.5
2021-03-21 04:20:00	2.30	37.0
2021-03-21 04:20:10	1.02	36.4
2021-03-21 04:20:20	0.55	36.5
2021-03-21 04:20:30	1.74	36.6
2021-03-21 04:20:40	2.89	36.5
2021-03-21 04:20:50	2.20	37.1
2021-03-21 04:21:00	2.67	36.6
2021-03-21 04:21:10	2.04	36.0
2021-03-21 04:21:20	3.19	36.9
2021-03-21 04:21:30	2.43	36.3
2021-03-21 04:21:40	1.11	36.5
2021-03-21 04:21:50	1.36	36.3
2021-03-21 04:22:00	2.76	36.3
2021-03-21 04:22:10	1.41	36.3
2021-03-21 04:22:20	2.67	36.6
2021-03-21 04:22:30	3.09	36.2
2021-03-21 04:22:40	2.48	35.9
2021-03-21 04:22:50	0.68	35.5
2021-03-21 04:23:00	0.70	36.0
2021-03-21 04:23:10	1.20	36.0
2021-03-21 04:23:20	2.27	36.3
2021-03-21 04:23:30	3.09	36.1
2021-03-21 04:23:40	2.00	36.1
2021-03-21 04:23:50	1.34	36.6
2021-03-21 04:24:00	1.95	36.9
2021-03-21 04:24:10	1.45	36.9
2021-03-21 04:24:20	1.96	36.5
2021-03-21 04:24:30	0.97	36.8
2021-03-21 04:24:40	1.39	36.9
2021-03-21 04:24:50	2.55	36.4

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-21 04:25:00	3.13	37.1
2021-03-21 04:25:10	3.56	37.8
2021-03-21 04:25:20	1.72	36.9
2021-03-21 04:25:30	1.72	36.7
2021-03-21 04:25:40	1.17	36.4
2021-03-21 04:25:50	0.78	36.4
2021-03-21 04:26:00	1.47	36.1
2021-03-21 04:26:10	3.16	36.1
2021-03-21 04:26:20	2.76	36.4
2021-03-21 04:26:30	1.96	37.0
2021-03-21 04:26:40	1.43	36.7
2021-03-21 04:26:50	3.34	36.1
2021-03-21 04:27:00	1.80	36.4
2021-03-21 04:27:10	1.74	36.4
2021-03-21 04:27:20	1.23	36.2
2021-03-21 04:27:30	2.04	36.1
2021-03-21 04:27:40	2.13	36.2
2021-03-21 04:27:50	2.05	36.8
2021-03-21 04:28:00	1.39	36.3
2021-03-21 04:28:10	2.05	37.1
2021-03-21 04:28:20	1.92	37.3
2021-03-21 04:28:30	3.27	37.1
2021-03-21 04:29:20	2.14	37.2
2021-03-21 04:29:30	2.76	37.3
2021-03-21 04:29:40	1.14	36.6
2021-03-21 04:29:50	1.54	36.7
2021-03-21 04:30:00	2.95	37.1
2021-03-21 04:30:10	2.15	37.0
2021-03-21 04:30:20	1.67	36.9
2021-03-21 04:30:30	1.65	37.2
2021-03-21 04:30:40	1.87	37.3
2021-03-21 04:30:50	2.22	36.9
2021-03-21 04:31:00	1.76	36.8
2021-03-21 04:31:10	2.34	37.1
2021-03-21 04:31:20	2.30	36.9
2021-03-21 04:31:30	1.78	37.4
2021-03-21 04:31:40	1.76	37.4
2021-03-21 04:31:50	2.47	37.0
2021-03-21 04:32:30	2.13	36.4
2021-03-21 04:32:40	2.44	36.7
2021-03-21 04:32:50	2.18	37.1
2021-03-21 04:33:00	2.37	37.0
2021-03-21 04:33:10	2.72	36.8
2021-03-21 04:34:10	1.19	36.9
2021-03-21 04:34:40	2.14	36.9
2021-03-21 04:34:50	1.27	36.6
2021-03-21 04:35:10	1.74	37.1
2021-03-21 04:35:20	1.05	37.2
2021-03-21 04:35:40	2.18	36.6

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-21 04:35:50	1.45	36.9
2021-03-21 04:36:00	1.45	37.2
2021-03-21 04:36:10	1.93	36.5
2021-03-21 04:36:20	0.92	36.3
2021-03-21 04:36:30	1.44	36.3
2021-03-21 04:36:40	1.56	37.2
2021-03-21 04:36:50	2.48	36.2
2021-03-21 04:37:00	2.09	36.8
2021-03-21 04:37:10	2.65	36.2
2021-03-21 04:37:20	2.69	36.0
2021-03-21 04:37:30	0.87	36.4
2021-03-21 04:37:40	1.42	36.6
2021-03-21 04:37:50	2.09	37.1
2021-03-21 04:38:00	1.63	36.7
2021-03-21 04:38:10	1.75	36.8
2021-03-21 04:38:20	3.11	36.9
2021-03-21 04:38:30	1.34	36.6
2021-03-21 04:38:40	2.40	36.5
2021-03-21 04:38:50	2.57	36.2
2021-03-21 04:39:00	1.19	36.6
2021-03-21 04:39:10	1.29	36.6
2021-03-21 04:39:20	0.93	36.4
2021-03-21 04:39:30	0.74	36.9
2021-03-21 04:39:40	1.31	36.7
2021-03-21 04:39:50	2.11	36.7
2021-03-21 04:40:00	1.15	36.5
2021-03-21 04:40:10	0.60	36.9
2021-03-21 04:40:20	1.76	37.3
2021-03-21 04:40:30	1.94	37.2
2021-03-21 04:40:40	1.21	36.2
2021-03-21 04:40:50	1.19	35.7
2021-03-21 04:41:00	0.86	36.1
2021-03-21 04:41:10	1.06	36.6
2021-03-21 04:41:20	1.65	35.4
2021-03-21 04:41:30	0.92	36.3
2021-03-21 04:41:40	1.41	36.1
2021-03-21 04:41:50	3.36	36.2
2021-03-21 04:42:00	3.35	36.4
2021-03-21 04:42:10	2.97	36.3
2021-03-21 04:42:20	2.00	36.6
2021-03-21 04:42:30	2.89	36.1
2021-03-21 04:42:40	2.19	35.9
2021-03-21 04:42:50	1.63	36.6
2021-03-21 04:43:00	2.23	37.1
2021-03-21 04:43:10	2.27	36.7
2021-03-21 04:43:20	1.41	36.5
2021-03-21 04:43:30	0.64	36.1
2021-03-21 04:43:40	1.98	36.2
2021-03-21 04:43:50	1.76	36.6

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-21 04:44:00	3.83	36.5
2021-03-21 04:44:10	2.21	36.8
2021-03-21 04:44:20	0.99	36.7
2021-03-21 04:44:30	1.35	36.1
2021-03-21 04:44:40	1.10	36.3
2021-03-21 04:44:50	1.36	36.3
2021-03-21 04:45:00	2.76	36.9
2021-03-21 04:45:10	2.01	36.8
2021-03-21 04:45:20	0.56	36.2
2021-03-21 04:45:30	1.30	36.2
2021-03-21 04:45:40	1.15	36.6
2021-03-21 04:45:50	1.28	36.6
2021-03-21 04:46:00	0.74	37.8
2021-03-21 04:46:10	1.23	38.5
2021-03-21 04:47:00	1.78	41.8
2021-03-21 04:47:10	3.58	36.9
2021-03-21 04:47:20	1.54	37.0
2021-03-21 04:47:30	0.69	36.5
2021-03-21 04:47:40	1.90	36.6
2021-03-21 04:47:50	0.94	37.1
2021-03-21 04:48:00	0.77	37.4
2021-03-21 04:48:10	1.42	38.3
2021-03-21 04:49:20	3.19	39.5
2021-03-21 04:50:30	1.40	38.1
2021-03-21 04:50:40	0.60	37.4
2021-03-21 04:50:50	0.99	36.7
2021-03-21 04:51:00	1.16	37.1
2021-03-21 04:51:20	1.04	37.6
2021-03-21 04:51:30	0.59	37.7
2021-03-21 04:51:40	0.83	38.1
2021-03-21 04:52:00	2.47	37.9
2021-03-21 04:52:10	2.43	38.7
2021-03-21 04:52:20	2.12	38.1
2021-03-21 04:52:40	2.56	38.9
2021-03-21 04:53:00	1.92	37.9
2021-03-21 04:55:10	2.79	39.4
2021-03-21 04:55:50	2.99	39.2
2021-03-21 04:56:00	2.55	37.4
2021-03-21 04:56:10	2.21	37.4
2021-03-21 04:56:20	1.88	36.6
2021-03-21 04:56:30	1.90	37.1
2021-03-21 04:56:40	2.21	37.2
2021-03-21 04:56:50	2.94	37.5
2021-03-21 04:57:00	2.97	37.1
2021-03-21 04:57:10	2.60	37.1
2021-03-21 04:57:20	1.20	37.2
2021-03-21 04:57:30	1.82	37.3
2021-03-21 04:57:40	2.31	37.1
2021-03-21 04:57:50	1.85	36.8

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-21 04:58:00	3.11	37.3
2021-03-21 04:58:10	3.03	37.2
2021-03-21 04:58:20	3.01	38.0
2021-03-21 04:58:30	2.61	37.1
2021-03-21 04:58:40	1.85	37.9
2021-03-21 04:58:50	2.49	37.1
2021-03-21 04:59:00	2.64	37.1
2021-03-21 04:59:10	2.55	37.8
2021-03-21 22:00:00	0.55	37.6
2021-03-21 22:00:10	0.86	37.5
2021-03-21 22:00:20	1.17	37.3
2021-03-21 22:00:50	1.13	37.7
2021-03-21 22:01:00	0.74	37.1
2021-03-21 22:01:10	0.80	37.2
2021-03-21 22:01:30	0.83	37.7
2021-03-21 22:01:40	0.85	38.0
2021-03-21 22:01:50	0.92	39.2
2021-03-21 22:02:00	1.18	38.0
2021-03-21 22:02:10	0.71	38.9
2021-03-21 22:03:00	0.65	40.5
2021-03-21 22:03:20	1.21	37.5
2021-03-21 22:03:30	1.24	37.9
2021-03-21 22:04:00	1.87	38.4
2021-03-21 22:04:10	1.23	38.2
2021-03-21 22:04:20	0.80	39.3
2021-03-21 22:06:00	1.00	40.8
2021-03-21 22:06:10	1.25	39.2
2021-03-21 22:06:20	1.71	38.8
2021-03-21 22:06:30	1.25	38.4
2021-03-21 22:07:30	1.25	39.3
2021-03-21 22:07:40	1.03	38.1
2021-03-21 22:08:00	1.62	38.8
2021-03-21 22:09:10	1.07	38.3
2021-03-21 22:09:20	1.01	38.3
2021-03-21 22:09:30	1.62	37.7
2021-03-21 22:09:40	1.16	37.7
2021-03-21 22:09:50	0.87	37.4
2021-03-21 22:10:00	0.89	38.5
2021-03-21 22:10:10	1.08	38.2
2021-03-21 22:10:20	1.73	37.3
2021-03-21 22:10:30	0.82	37.8
2021-03-21 22:10:40	0.77	38.2
2021-03-21 22:10:50	1.16	37.2
2021-03-21 22:11:00	1.10	37.1
2021-03-21 22:11:10	1.02	37.9
2021-03-21 22:11:20	0.80	37.5
2021-03-21 22:11:30	1.45	37.8
2021-03-21 22:11:40	0.87	38.8
2021-03-21 22:12:00	0.56	38.1

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-21 22:12:10	1.00	37.3
2021-03-21 22:12:20	0.58	38.6
2021-03-21 22:13:30	1.03	38.1
2021-03-21 22:13:40	1.35	38.4
2021-03-21 22:13:50	1.05	37.9
2021-03-21 22:14:00	1.02	37.6
2021-03-21 22:14:10	1.04	39.2
2021-03-21 22:17:40	0.79	38.5
2021-03-21 22:17:50	1.12	38.8
2021-03-21 22:18:00	1.22	38.6
2021-03-21 22:18:10	1.46	38.3
2021-03-21 22:18:20	1.15	37.5
2021-03-21 22:18:30	1.67	37.7
2021-03-21 22:18:40	1.65	38.8
2021-03-21 22:18:50	1.20	42.2
2021-03-21 22:19:50	1.24	39.3
2021-03-21 22:21:00	0.81	39.6
2021-03-21 22:21:10	0.83	38.1
2021-03-21 22:21:20	0.71	37.6
2021-03-21 22:21:30	0.81	37.6
2021-03-21 22:21:40	0.65	37.8
2021-03-21 22:21:50	0.89	38.5
2021-03-21 22:22:00	1.24	39.3
2021-03-21 22:22:10	0.93	38.7
2021-03-21 22:22:20	0.63	38.6
2021-03-21 22:24:00	0.65	38.2
2021-03-21 22:24:10	1.16	39.0
2021-03-21 22:24:20	1.20	37.8
2021-03-21 22:24:30	1.12	37.5
2021-03-21 22:24:40	1.28	38.1
2021-03-21 22:24:50	1.26	38.5
2021-03-21 22:25:00	0.68	38.8
2021-03-21 22:25:50	1.27	38.8
2021-03-21 22:26:00	0.90	38.0
2021-03-21 22:26:20	0.62	37.3
2021-03-21 22:26:30	1.24	37.7
2021-03-21 22:26:40	1.96	37.7
2021-03-21 22:26:50	1.30	38.9
2021-03-21 22:27:00	1.57	37.8
2021-03-21 22:27:10	0.85	38.1
2021-03-21 22:27:20	1.81	38.4
2021-03-21 22:27:30	1.20	38.1
2021-03-21 22:27:40	1.80	37.7
2021-03-21 22:27:50	1.85	38.0
2021-03-21 22:28:00	1.09	38.6
2021-03-21 22:30:20	1.17	40.5
2021-03-21 22:30:30	1.03	38.5
2021-03-21 22:30:40	0.59	38.1
2021-03-21 22:30:50	0.89	38.0

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-21 22:31:00	0.82	37.6
2021-03-21 22:31:10	1.17	37.7
2021-03-21 22:31:20	1.18	37.4
2021-03-21 22:31:30	0.86	37.9
2021-03-21 22:31:40	1.19	37.9
2021-03-21 22:31:50	0.89	38.1
2021-03-21 22:32:00	0.81	38.1
2021-03-21 22:32:10	1.06	37.7
2021-03-21 22:33:10	0.61	38.5
2021-03-21 22:33:20	0.91	37.4
2021-03-21 22:33:30	0.97	36.9
2021-03-21 22:33:40	1.40	38.1
2021-03-21 22:33:50	1.80	37.1
2021-03-21 22:34:00	1.01	37.8
2021-03-21 22:34:10	1.10	37.0
2021-03-21 22:34:20	1.49	37.7
2021-03-21 22:34:30	1.84	37.8
2021-03-21 22:34:40	1.15	37.3
2021-03-21 22:34:50	0.52	37.0
2021-03-21 22:35:20	0.77	37.5
2021-03-21 22:35:30	0.50	37.5
2021-03-21 22:35:40	0.88	37.7
2021-03-21 22:35:50	1.24	38.0
2021-03-21 22:36:00	1.25	38.2
2021-03-21 22:36:10	0.78	37.3
2021-03-21 22:36:20	1.21	38.5
2021-03-21 22:36:30	1.63	37.8
2021-03-21 22:36:40	0.66	37.8
2021-03-21 22:36:50	1.95	37.4
2021-03-21 22:37:00	1.27	38.8
2021-03-21 22:37:50	1.12	39.1
2021-03-21 22:38:00	0.75	37.6
2021-03-21 22:38:30	0.82	37.9
2021-03-21 22:38:40	0.65	37.1
2021-03-21 22:39:10	1.09	37.6
2021-03-21 22:39:20	0.76	37.9
2021-03-21 22:39:30	1.24	37.8
2021-03-21 22:39:40	0.85	37.4
2021-03-21 22:39:50	0.76	38.4
2021-03-21 22:40:00	0.92	37.9
2021-03-21 22:40:10	0.71	38.1
2021-03-21 22:40:50	0.98	38.3
2021-03-21 22:41:00	2.18	38.0
2021-03-21 22:41:10	1.70	37.9
2021-03-21 22:41:20	0.81	38.7
2021-03-21 22:41:30	1.47	38.5
2021-03-21 22:42:20	2.22	38.3
2021-03-21 22:42:30	1.11	38.4
2021-03-21 22:42:40	1.01	38.3

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-21 22:42:50	1.03	38.1
2021-03-21 22:43:00	0.56	39.1
2021-03-21 22:43:10	0.59	39.0
2021-03-21 22:46:10	0.92	39.6
2021-03-21 22:46:20	1.20	38.3
2021-03-21 22:46:30	1.25	39.6
2021-03-21 22:46:40	1.62	37.4
2021-03-21 22:46:50	1.32	38.3
2021-03-21 22:47:00	1.23	38.0
2021-03-21 22:47:10	1.19	38.5
2021-03-21 22:47:20	1.80	38.4
2021-03-21 22:47:30	0.89	38.6
2021-03-21 22:47:40	0.52	38.8
2021-03-22 03:07:40	1.24	37.5
2021-03-22 03:07:50	1.14	37.0
2021-03-22 03:08:00	1.73	37.9
2021-03-22 03:08:10	1.59	38.7
2021-03-22 03:09:00	0.97	40.6
2021-03-22 03:09:10	1.45	37.8
2021-03-22 03:09:20	0.82	37.7
2021-03-22 03:09:30	1.41	38.5
2021-03-22 03:09:40	0.84	38.3
2021-03-22 03:09:50	1.24	38.3
2021-03-22 03:10:00	1.41	38.9
2021-03-22 03:10:10	1.27	37.3
2021-03-22 03:10:20	1.70	38.2
2021-03-22 03:10:30	0.61	37.5
2021-03-22 03:10:40	1.19	37.5
2021-03-22 03:10:50	1.81	37.3
2021-03-22 03:11:00	1.34	37.0
2021-03-22 03:11:10	1.06	36.9
2021-03-22 03:11:20	1.64	38.0
2021-03-22 03:11:30	1.13	37.9
2021-03-22 03:11:40	1.11	37.6
2021-03-22 03:11:50	0.93	37.3
2021-03-22 03:12:00	0.75	37.3
2021-03-22 03:12:10	0.85	37.5
2021-03-22 03:12:20	0.79	37.6
2021-03-22 03:12:30	0.88	36.9
2021-03-22 03:12:40	0.81	37.6
2021-03-22 03:12:50	1.29	37.4
2021-03-22 03:13:00	0.84	38.1
2021-03-22 03:13:10	0.69	38.2
2021-03-22 03:13:20	1.02	37.6
2021-03-22 03:13:30	1.18	37.7
2021-03-22 03:13:40	0.99	37.1
2021-03-22 03:13:50	1.50	36.8
2021-03-22 03:14:00	1.53	37.3
2021-03-22 03:14:10	1.98	37.5

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-22 03:14:20	0.97	36.3
2021-03-22 03:14:30	1.49	36.6
2021-03-22 03:14:40	1.23	37.5
2021-03-22 03:14:50	1.37	37.0
2021-03-22 03:15:00	1.22	36.9
2021-03-22 03:15:10	0.85	37.1
2021-03-22 03:15:20	1.37	37.4
2021-03-22 03:15:30	1.06	36.9
2021-03-22 03:15:40	1.00	36.7
2021-03-22 03:15:50	1.28	37.2
2021-03-22 03:16:00	1.21	36.8
2021-03-22 03:16:10	1.52	37.3
2021-03-22 03:16:20	1.18	38.1
2021-03-22 03:16:30	1.42	37.3
2021-03-22 03:16:40	0.56	37.1
2021-03-22 03:16:50	1.20	37.0
2021-03-22 03:17:00	0.73	37.8
2021-03-22 03:17:10	0.97	38.0
2021-03-22 03:17:20	1.21	37.3
2021-03-22 03:17:30	1.09	37.8
2021-03-22 03:17:40	1.14	36.6
2021-03-22 03:17:50	1.31	37.5
2021-03-22 03:18:00	0.80	37.4
2021-03-22 03:18:10	0.78	37.3
2021-03-22 03:18:20	1.19	37.3
2021-03-22 03:18:30	0.89	37.4
2021-03-22 03:18:40	1.16	37.3
2021-03-22 03:18:50	1.31	37.1
2021-03-22 03:19:00	1.90	37.1
2021-03-22 03:19:10	1.71	38.0
2021-03-22 03:19:20	0.64	36.9
2021-03-22 03:19:30	1.07	37.3
2021-03-22 03:19:40	1.40	37.8
2021-03-22 03:19:50	1.28	37.4
2021-03-22 03:20:00	1.13	36.9
2021-03-22 03:20:10	1.13	37.2
2021-03-22 03:20:20	1.21	38.2
2021-03-22 03:20:30	1.69	38.5
2021-03-22 03:20:40	0.92	37.5
2021-03-22 03:20:50	1.14	36.6
2021-03-22 03:21:00	1.14	37.5
2021-03-22 03:21:10	1.49	37.4
2021-03-22 03:21:20	1.01	38.1
2021-03-22 03:21:40	1.56	39.1
2021-03-22 03:21:50	1.38	38.3
2021-03-22 03:23:30	1.30	38.3
2021-03-22 03:23:40	1.68	38.4
2021-03-22 03:23:50	1.33	37.9
2021-03-22 03:24:00	2.11	38.0

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-22 03:24:10	1.47	37.9
2021-03-22 03:24:20	0.80	37.9
2021-03-22 03:24:30	1.37	37.1
2021-03-22 03:24:40	1.47	37.5
2021-03-22 03:24:50	0.94	38.4
2021-03-22 03:25:00	1.12	37.5
2021-03-22 03:25:10	0.91	37.4
2021-03-22 03:25:20	1.30	37.7
2021-03-22 03:25:30	1.13	37.1
2021-03-22 03:25:40	1.19	37.2
2021-03-22 03:25:50	1.47	37.5
2021-03-22 03:26:00	0.75	38.4
2021-03-22 03:26:10	1.34	37.4
2021-03-22 03:26:20	1.06	37.2
2021-03-22 03:26:30	1.01	37.6
2021-03-22 03:26:40	1.37	37.5
2021-03-22 03:26:50	1.17	37.5
2021-03-22 03:27:00	0.93	38.0
2021-03-22 03:27:10	1.39	36.9
2021-03-22 03:27:20	1.17	37.5
2021-03-22 03:27:30	1.03	37.3
2021-03-22 03:27:40	1.46	37.2
2021-03-22 03:27:50	1.67	37.7
2021-03-22 03:28:00	1.24	38.4
2021-03-22 03:28:10	0.65	37.5
2021-03-22 03:28:20	1.46	37.4
2021-03-22 03:28:30	2.13	37.3
2021-03-22 03:28:40	1.69	36.9
2021-03-22 03:28:50	1.05	37.0
2021-03-22 03:29:00	1.58	37.6
2021-03-22 03:29:10	1.32	37.6
2021-03-22 03:29:20	1.50	37.4
2021-03-22 03:29:30	1.49	38.1
2021-03-22 03:29:40	1.16	37.0
2021-03-22 03:29:50	1.66	36.7
2021-03-22 03:30:00	1.03	37.4
2021-03-22 03:30:10	1.16	37.0
2021-03-22 03:30:20	0.75	37.3
2021-03-22 03:30:30	1.38	37.4
2021-03-22 03:30:40	0.97	37.2
2021-03-22 03:30:50	0.69	37.5
2021-03-22 03:31:00	1.42	37.4
2021-03-22 03:31:10	1.09	37.8
2021-03-22 03:32:00	1.44	39.3
2021-03-22 03:32:10	1.22	37.9
2021-03-22 03:32:20	1.52	38.5
2021-03-22 03:32:30	1.91	37.2
2021-03-22 03:32:40	1.77	36.8
2021-03-22 03:32:50	1.90	37.8

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-22 03:33:00	1.32	37.9
2021-03-22 03:33:10	1.79	37.3
2021-03-22 03:33:20	1.68	37.4
2021-03-22 03:33:30	0.82	37.3
2021-03-22 03:33:40	1.12	37.8
2021-03-22 03:33:50	0.89	37.4
2021-03-22 03:34:00	0.98	37.3
2021-03-22 03:34:10	1.24	36.8
2021-03-22 03:34:20	0.61	37.6
2021-03-22 03:34:30	1.41	37.2
2021-03-22 03:34:40	1.40	37.0
2021-03-22 03:34:50	1.08	37.5
2021-03-22 03:35:00	1.05	36.9
2021-03-22 03:35:10	1.10	37.2
2021-03-22 03:35:20	1.17	37.9
2021-03-22 03:35:30	1.03	38.3
2021-03-22 03:35:40	1.01	36.8
2021-03-22 03:35:50	1.87	37.3
2021-03-22 03:36:00	1.80	37.5
2021-03-22 03:36:10	1.37	38.3
2021-03-22 03:36:20	1.34	37.8
2021-03-22 03:36:30	0.88	37.1
2021-03-22 03:36:40	0.96	37.6
2021-03-22 03:36:50	1.49	37.1
2021-03-22 03:37:00	0.96	37.8
2021-03-22 03:37:10	1.73	37.2
2021-03-22 03:37:20	1.46	37.6
2021-03-22 03:37:30	1.31	37.7
2021-03-22 03:37:40	0.97	37.7
2021-03-22 03:37:50	0.81	37.9
2021-03-22 03:38:00	1.57	37.7
2021-03-22 03:38:10	1.26	36.9
2021-03-22 03:38:20	1.12	36.8
2021-03-22 03:38:40	1.57	37.4
2021-03-22 03:38:50	1.55	37.4
2021-03-22 03:39:00	0.61	37.8
2021-03-22 03:39:10	1.00	37.2
2021-03-22 03:39:20	0.71	37.4
2021-03-22 03:39:30	1.24	37.6
2021-03-22 03:39:40	1.82	37.6
2021-03-22 03:39:50	1.38	37.4
2021-03-22 03:40:00	1.48	37.6
2021-03-22 03:40:10	1.10	37.5
2021-03-22 03:40:20	1.32	38.1
2021-03-22 03:40:30	2.38	38.1
2021-03-22 03:40:40	1.99	37.6
2021-03-22 03:40:50	1.78	37.8
2021-03-22 03:41:00	1.42	37.5
2021-03-22 03:41:10	1.05	37.7

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-22 03:41:20	1.48	37.8
2021-03-22 03:41:30	1.65	37.2
2021-03-22 03:41:40	1.71	37.0
2021-03-22 03:41:50	1.68	37.8
2021-03-22 03:42:00	1.76	37.6
2021-03-22 03:42:10	0.85	37.4
2021-03-22 03:42:20	1.38	37.8
2021-03-22 03:42:30	1.70	37.8
2021-03-22 03:42:40	1.57	37.8
2021-03-22 03:42:50	1.13	37.8
2021-03-22 03:43:00	1.45	38.2
2021-03-22 03:43:10	1.60	38.3
2021-03-22 03:43:20	1.64	38.7
2021-03-22 03:43:30	1.69	39.2
2021-03-22 03:43:40	1.64	38.7
2021-03-22 03:43:50	1.46	38.1
2021-03-22 03:44:00	1.29	38.2
2021-03-22 03:44:50	1.20	38.6
2021-03-22 03:45:00	1.63	38.3
2021-03-22 03:45:10	1.37	38.4
2021-03-22 03:45:20	1.25	37.8
2021-03-22 03:45:30	1.59	37.6
2021-03-22 03:45:40	1.68	37.2
2021-03-22 03:45:50	2.03	38.2
2021-03-22 03:46:00	1.56	37.3
2021-03-22 03:46:10	1.14	37.7
2021-03-22 03:46:20	0.97	37.5
2021-03-22 03:46:30	1.58	38.7
2021-03-22 03:46:40	1.52	40.1
2021-03-22 03:48:10	1.57	39.0
2021-03-22 03:48:20	1.48	38.0
2021-03-22 03:48:30	0.95	38.4
2021-03-22 03:48:40	1.25	38.5
2021-03-22 03:48:50	1.64	38.2
2021-03-22 03:49:00	1.79	37.4
2021-03-22 03:49:10	1.22	37.4
2021-03-22 03:49:20	1.18	37.4
2021-03-22 03:49:30	1.94	38.4
2021-03-22 03:49:40	1.64	36.6
2021-03-22 03:49:50	1.42	37.4
2021-03-22 03:50:00	1.31	37.5
2021-03-22 03:50:10	0.84	37.5
2021-03-22 03:50:20	0.79	37.6
2021-03-22 03:50:30	0.61	38.0
2021-03-22 03:50:40	1.40	37.1
2021-03-22 03:50:50	1.11	37.7
2021-03-22 03:51:00	1.00	39.1
2021-03-22 03:51:40	0.97	38.8
2021-03-22 03:51:50	1.09	38.9

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-22 03:52:00	1.36	38.8
2021-03-22 03:52:10	0.71	38.6
2021-03-22 03:52:20	0.78	37.5
2021-03-22 03:52:30	0.50	37.0
2021-03-22 03:52:40	1.28	36.7
2021-03-22 03:52:50	0.89	37.1
2021-03-22 03:53:00	1.11	37.6
2021-03-22 03:53:10	0.63	37.3
2021-03-22 03:53:20	1.11	37.7
2021-03-22 03:53:30	1.30	37.7
2021-03-22 03:53:40	1.02	37.3
2021-03-22 03:53:50	1.27	37.1
2021-03-22 03:54:00	1.16	37.2
2021-03-22 03:54:10	0.98	37.1
2021-03-22 03:54:20	0.94	37.2
2021-03-22 03:54:30	0.83	37.2
2021-03-22 03:54:40	0.75	37.6
2021-03-22 03:54:50	1.11	37.4
2021-03-22 03:55:00	1.08	37.7
2021-03-22 03:55:10	1.16	38.2
2021-03-22 03:55:20	0.79	38.5
2021-03-22 03:55:30	1.25	38.3
2021-03-22 03:55:40	1.28	37.6
2021-03-22 03:55:50	0.87	37.9
2021-03-22 03:56:00	0.74	37.6
2021-03-22 03:56:10	1.44	37.4
2021-03-22 03:56:20	0.80	37.3
2021-03-22 03:56:30	1.83	38.7
2021-03-22 03:56:40	2.17	38.0
2021-03-22 03:56:50	1.61	37.5
2021-03-22 03:57:00	1.61	37.5
2021-03-22 03:57:10	0.88	38.4
2021-03-22 03:57:20	2.01	37.5
2021-03-22 03:57:30	1.64	37.7
2021-03-22 03:57:40	1.18	37.2
2021-03-22 03:57:50	1.14	37.2
2021-03-22 03:58:00	1.54	36.9
2021-03-22 03:58:10	0.93	37.2
2021-03-22 03:58:20	0.89	37.4
2021-03-22 03:58:30	0.78	39.4
2021-03-22 03:58:40	1.28	38.2
2021-03-22 03:58:50	1.15	37.6
2021-03-22 03:59:00	0.61	37.7
2021-03-22 03:59:10	1.71	37.5
2021-03-22 03:59:20	0.86	37.1
2021-03-22 03:59:30	1.16	37.5
2021-03-22 03:59:40	1.23	37.6
2021-03-22 03:59:50	0.82	37.3
2021-03-22 04:00:00	0.87	36.7

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-22 04:00:10	1.39	37.8
2021-03-22 04:00:20	0.98	37.8
2021-03-22 04:00:30	1.35	36.8
2021-03-22 04:00:40	1.03	36.7
2021-03-22 04:00:50	0.88	37.0
2021-03-22 04:01:00	1.46	37.1
2021-03-22 04:01:10	1.28	37.5
2021-03-22 04:01:20	0.53	37.1
2021-03-22 04:01:30	1.48	37.9
2021-03-22 04:01:40	1.37	37.4
2021-03-22 04:01:50	1.58	37.0
2021-03-22 04:02:00	1.09	37.2
2021-03-22 04:02:10	0.96	37.3
2021-03-22 04:02:20	1.01	38.2
2021-03-22 04:02:30	1.35	38.0
2021-03-22 04:02:40	1.39	37.2
2021-03-22 04:02:50	0.90	36.9
2021-03-22 04:03:00	1.05	36.5
2021-03-22 04:03:10	1.51	37.4
2021-03-22 04:03:20	1.18	36.7
2021-03-22 04:03:30	1.34	37.0
2021-03-22 04:03:40	1.23	38.2
2021-03-22 04:03:50	1.44	37.2
2021-03-22 04:04:00	0.93	36.9
2021-03-22 04:04:10	1.28	37.3
2021-03-22 04:04:20	1.85	37.2
2021-03-22 04:04:30	1.33	36.8
2021-03-22 04:04:40	1.08	37.2
2021-03-22 04:04:50	1.22	37.3
2021-03-22 04:05:00	1.12	37.6
2021-03-22 04:05:10	1.56	38.4
2021-03-22 04:05:20	1.84	37.5
2021-03-22 04:05:30	1.58	36.7
2021-03-22 04:05:40	0.88	36.6
2021-03-22 04:05:50	1.03	37.1
2021-03-22 04:06:00	0.57	36.8
2021-03-22 04:06:10	1.31	37.2
2021-03-22 04:06:20	0.85	37.7
2021-03-22 04:06:30	1.08	38.3
2021-03-22 04:06:40	0.63	39.4
2021-03-22 04:06:50	0.89	38.3
2021-03-22 04:07:00	1.16	38.6
2021-03-22 04:08:50	0.58	38.5
2021-03-22 04:09:00	1.29	39.0
2021-03-22 04:09:50	1.08	38.5
2021-03-22 04:10:00	1.03	37.1
2021-03-22 04:10:10	1.08	37.5
2021-03-22 04:10:30	1.02	37.3
2021-03-22 04:10:40	1.28	37.4

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-22 04:10:50	0.97	38.1
2021-03-22 04:11:00	1.25	38.2
2021-03-22 04:11:10	0.79	38.1
2021-03-22 04:11:30	0.82	37.8
2021-03-22 04:11:40	0.93	37.5
2021-03-22 04:11:50	0.91	38.5
2021-03-22 04:12:00	0.81	38.1
2021-03-22 04:12:50	0.93	38.5
2021-03-22 04:13:30	1.95	38.6
2021-03-22 04:15:00	1.20	39.2
2021-03-22 04:15:30	0.83	37.8
2021-03-22 04:15:40	0.56	37.5
2021-03-22 04:15:50	1.25	37.4
2021-03-22 04:16:00	1.19	37.0
2021-03-22 04:16:10	1.05	37.0
2021-03-22 04:16:20	1.30	37.4
2021-03-22 04:16:30	1.04	37.6
2021-03-22 04:16:40	0.93	37.1
2021-03-22 04:17:00	1.02	37.7
2021-03-22 04:17:10	1.37	37.9
2021-03-22 04:17:20	0.73	37.6
2021-03-22 04:17:30	0.56	37.0
2021-03-22 04:17:40	0.64	37.5
2021-03-22 04:17:50	0.78	36.8
2021-03-22 04:18:00	1.24	37.1
2021-03-22 04:18:10	1.41	37.1
2021-03-22 04:18:20	1.14	37.2
2021-03-22 04:18:30	1.24	37.5
2021-03-22 04:18:40	0.71	37.9
2021-03-22 04:18:50	1.15	37.4
2021-03-22 04:19:00	1.23	38.3
2021-03-22 04:19:10	1.53	38.1
2021-03-22 04:19:20	1.99	39.3
2021-03-22 04:19:30	1.49	38.8
2021-03-22 04:19:40	0.88	38.4
2021-03-22 04:19:50	1.41	38.6
2021-03-22 04:20:40	1.16	38.9
2021-03-22 04:20:50	0.75	38.8
2021-03-22 04:22:20	0.91	37.9
2021-03-22 04:22:30	0.77	37.7
2021-03-22 04:22:40	0.71	40.0
2021-03-22 04:23:00	1.01	39.4
2021-03-22 04:23:10	0.69	38.8
2021-03-22 04:24:20	0.89	38.7
2021-03-22 04:24:30	0.70	38.0
2021-03-22 04:24:40	1.15	37.5
2021-03-22 04:24:50	0.78	36.9
2021-03-22 04:25:00	0.90	37.2
2021-03-22 04:25:10	0.81	37.2

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-22 04:25:20	0.98	37.6
2021-03-22 04:25:30	1.39	37.3
2021-03-22 04:25:40	1.13	37.4
2021-03-22 04:25:50	0.94	39.4
2021-03-22 04:27:30	0.62	38.2
2021-03-22 04:27:40	1.01	38.5
2021-03-22 04:28:00	0.61	40.9
2021-03-22 04:28:20	0.83	38.5
2021-03-22 04:29:20	1.08	39.0
2021-03-22 04:29:30	1.23	38.3
2021-03-22 04:29:40	1.07	37.5
2021-03-22 04:29:50	1.02	37.7
2021-03-22 04:30:00	0.67	37.4
2021-03-22 04:30:10	0.80	37.4
2021-03-22 04:30:20	1.57	37.7
2021-03-22 04:30:30	0.93	37.6
2021-03-22 04:30:50	1.00	38.1
2021-03-22 04:33:40	0.96	39.1
2021-03-22 04:33:50	0.68	38.0
2021-03-22 04:34:00	1.05	37.9
2021-03-22 04:34:10	1.23	37.9
2021-03-22 04:34:20	0.97	38.3
2021-03-22 04:34:30	0.92	39.0
2021-03-22 04:35:10	1.23	39.2
2021-03-22 04:36:00	1.32	40.9
2021-03-22 04:36:20	1.29	39.2
2021-03-22 04:36:30	1.42	37.4
2021-03-22 04:36:40	1.90	37.9
2021-03-22 04:36:50	2.48	37.6
2021-03-22 04:37:00	1.38	36.9
2021-03-22 04:37:10	0.51	37.7
2021-03-22 04:37:20	1.23	37.3
2021-03-22 04:37:30	2.63	37.1
2021-03-22 04:37:40	1.63	37.6
2021-03-22 04:37:50	0.87	37.4
2021-03-22 04:38:00	1.12	37.6
2021-03-22 04:38:10	0.87	37.4
2021-03-22 04:38:20	0.97	37.4
2021-03-22 04:38:30	1.17	37.2
2021-03-22 04:38:40	0.50	37.7
2021-03-22 04:38:50	1.08	37.8
2021-03-22 04:39:00	0.91	37.5
2021-03-22 04:39:10	1.16	39.0
2021-03-22 04:40:40	1.25	39.2
2021-03-22 04:41:00	1.72	40.4
2021-03-22 04:41:10	1.08	40.0
2021-03-22 04:41:20	0.71	39.1
2021-03-22 04:41:30	0.82	38.1
2021-03-22 04:41:40	0.74	37.5

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-22 04:42:00	0.95	38.3
2021-03-22 04:42:10	1.77	38.2
2021-03-22 04:42:20	1.33	38.4
2021-03-22 04:42:30	1.17	38.3
2021-03-22 04:42:50	2.03	39.9
2021-03-22 04:43:00	1.29	38.9
2021-03-22 04:45:50	0.87	39.4
2021-03-22 04:46:10	0.99	38.8
2021-03-22 04:46:20	1.13	37.6
2021-03-22 04:46:30	1.14	37.5
2021-03-22 04:46:40	0.53	38.0
2021-03-22 04:46:50	0.97	37.4
2021-03-22 04:47:00	1.45	37.9
2021-03-22 04:47:10	0.89	37.6
2021-03-22 04:47:20	0.57	38.1
2021-03-22 04:47:30	0.75	37.7
2021-03-22 04:47:40	1.34	37.5
2021-03-22 04:47:50	1.38	37.2
2021-03-22 04:48:00	0.56	38.1
2021-03-22 04:48:10	0.99	38.8
2021-03-22 04:49:10	1.03	39.0
2021-03-22 04:49:20	1.09	39.3
2021-03-22 04:49:50	0.54	39.0
2021-03-22 04:50:00	1.05	39.2
2021-03-22 04:52:10	1.18	40.6
2021-03-22 04:54:10	0.56	38.6
2021-03-22 04:54:50	0.86	38.0
2021-03-22 04:55:00	0.85	37.8
2021-03-22 04:55:10	0.57	38.7
2021-03-22 04:59:10	1.83	39.0
2021-03-22 04:59:20	0.74	38.5
2021-03-22 04:59:30	0.60	38.4
2021-03-22 04:59:50	0.59	40.9
2021-03-22 22:02:00	1.62	40.4
2021-03-22 22:02:10	1.59	40.0
2021-03-22 22:02:20	1.51	39.4
2021-03-22 22:02:40	0.64	38.9
2021-03-22 22:03:00	0.62	39.2
2021-03-22 22:03:20	0.69	39.6
2021-03-22 22:04:20	0.95	39.2
2021-03-22 22:04:50	1.13	39.1
2021-03-22 22:05:00	2.22	39.0
2021-03-22 22:05:10	1.30	39.3
2021-03-22 22:05:30	0.80	38.6
2021-03-22 22:05:40	1.38	39.3
2021-03-22 22:07:20	0.80	39.2
2021-03-22 22:07:50	0.79	39.4
2021-03-22 22:08:00	0.79	39.5
2021-03-22 22:08:10	0.93	39.8

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-22 22:08:20	1.55	39.9
2021-03-22 22:08:30	1.33	39.4
2021-03-22 22:08:40	0.94	39.2
2021-03-22 22:08:50	0.65	38.8
2021-03-22 22:09:20	0.91	39.4
2021-03-22 22:09:30	1.48	38.8
2021-03-22 22:09:40	0.83	38.7
2021-03-22 22:09:50	0.82	39.5
2021-03-22 22:10:00	0.84	39.5
2021-03-22 22:10:10	0.71	38.8
2021-03-22 22:10:20	1.41	39.2
2021-03-22 22:10:30	1.10	39.4
2021-03-22 22:11:00	1.04	39.1
2021-03-22 22:11:10	1.32	39.5
2021-03-22 22:11:20	1.18	40.1
2021-03-22 22:11:30	1.10	39.9
2021-03-22 22:11:40	0.75	39.4
2021-03-22 22:11:50	0.65	39.7
2021-03-22 22:12:00	1.54	39.6
2021-03-22 22:12:10	1.17	39.4
2021-03-22 22:12:20	0.89	39.3
2021-03-22 22:12:30	0.84	38.5
2021-03-22 22:12:40	0.77	39.4
2021-03-22 22:12:50	0.57	39.4
2021-03-22 22:13:00	0.97	39.6
2021-03-22 22:13:10	0.93	39.4
2021-03-22 22:13:20	0.60	39.3
2021-03-22 22:13:30	1.17	38.9
2021-03-22 22:13:40	1.29	39.8
2021-03-22 22:13:50	1.02	39.8
2021-03-22 22:14:00	0.76	39.4
2021-03-22 22:14:10	0.55	38.6
2021-03-22 22:14:30	0.69	38.2
2021-03-22 22:14:40	0.78	38.9
2021-03-22 22:14:50	0.92	39.6
2021-03-22 22:15:00	1.20	39.2
2021-03-22 22:15:20	0.79	39.5
2021-03-22 22:16:20	1.12	39.3
2021-03-22 22:16:30	0.84	39.0
2021-03-22 22:16:40	1.04	39.0
2021-03-22 22:16:50	0.58	39.0
2021-03-22 22:17:00	0.52	38.9
2021-03-22 22:17:10	0.93	38.1
2021-03-22 22:17:20	1.13	38.7
2021-03-22 22:17:30	0.99	38.9
2021-03-22 22:17:40	1.21	38.8
2021-03-22 22:17:50	0.80	38.8
2021-03-22 22:18:00	1.50	39.5
2021-03-22 22:18:10	1.15	39.1

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-22 22:18:20	0.65	39.0
2021-03-22 22:18:40	0.66	38.3
2021-03-22 22:18:50	0.51	38.4
2021-03-22 22:19:10	0.51	38.7
2021-03-22 22:19:20	1.17	39.0
2021-03-22 22:19:30	1.14	38.8
2021-03-22 22:19:40	1.74	38.4
2021-03-22 22:19:50	1.36	38.6
2021-03-22 22:20:00	0.75	38.6
2021-03-22 22:20:10	0.51	38.6
2021-03-22 22:20:20	1.23	39.7
2021-03-22 22:21:20	0.87	39.5
2021-03-22 22:21:30	0.92	38.8
2021-03-22 22:21:40	0.53	38.6
2021-03-22 22:21:50	0.84	38.7
2021-03-22 22:22:00	1.03	38.9
2021-03-22 22:22:10	0.76	38.7
2021-03-22 22:22:20	0.54	38.2
2021-03-22 22:22:40	0.94	39.0
2021-03-22 22:22:50	1.62	38.6
2021-03-22 22:23:00	0.79	39.1
2021-03-22 22:23:30	0.71	40.5
2021-03-22 22:23:40	0.93	40.6
2021-03-22 22:23:50	0.67	42.2
2021-03-22 22:25:00	0.99	38.7
2021-03-22 22:25:20	1.09	38.7
2021-03-22 22:25:50	1.38	38.5
2021-03-22 22:26:00	1.28	38.4
2021-03-22 22:26:10	1.11	39.2
2021-03-22 22:27:10	1.24	40.8
2021-03-22 22:27:30	0.56	38.9
2021-03-22 22:27:50	0.51	39.5
2021-03-22 22:28:00	1.45	38.9
2021-03-22 22:29:00	0.66	39.8
2021-03-22 22:29:30	0.81	38.7
2021-03-22 22:29:40	0.89	38.4
2021-03-22 22:29:50	0.87	38.2
2021-03-22 22:30:00	0.68	38.7
2021-03-22 22:30:10	0.65	38.5
2021-03-22 22:30:30	1.01	38.5
2021-03-22 22:31:00	1.21	38.1
2021-03-22 22:31:10	1.67	38.8
2021-03-22 22:32:10	1.00	42.3
2021-03-22 22:32:30	1.71	40.2
2021-03-22 22:32:40	1.60	39.9
2021-03-22 22:32:50	0.76	39.8
2021-03-22 22:33:10	0.69	39.4
2021-03-22 22:34:20	1.41	38.5
2021-03-22 22:34:30	1.02	38.6

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-22 22:34:40	1.59	39.1
2021-03-22 22:34:50	1.11	40.0
2021-03-22 22:37:00	1.72	38.8
2021-03-22 22:37:10	0.91	37.9
2021-03-22 22:37:20	0.89	38.6
2021-03-22 22:37:30	1.82	38.7
2021-03-22 22:37:40	1.73	38.2
2021-03-22 22:37:50	1.79	38.2
2021-03-22 22:38:00	0.62	37.7
2021-03-22 22:38:10	0.50	38.0
2021-03-22 22:38:20	0.83	38.3
2021-03-22 22:38:50	0.81	38.5
2021-03-22 22:39:00	1.34	38.2
2021-03-22 22:39:10	0.55	38.5
2021-03-22 22:39:20	1.03	38.5
2021-03-22 22:39:30	1.53	38.8
2021-03-22 22:39:40	1.62	38.2
2021-03-22 22:39:50	1.08	38.2
2021-03-22 22:40:00	1.15	38.4
2021-03-22 22:40:10	0.94	38.2
2021-03-22 22:40:20	1.25	38.0
2021-03-22 22:40:30	0.98	39.2
2021-03-22 22:40:40	0.76	38.6
2021-03-22 22:40:50	1.04	38.4
2021-03-22 22:41:00	1.27	38.3
2021-03-22 22:41:10	1.34	38.0
2021-03-22 22:41:20	1.52	38.3
2021-03-22 22:41:30	0.75	39.3
2021-03-22 22:41:40	0.81	40.4
2021-03-22 22:41:50	1.08	39.4
2021-03-22 22:42:00	0.67	41.0
2021-03-22 22:42:20	0.81	39.1
2021-03-22 22:44:10	1.08	38.6
2021-03-22 22:44:20	0.92	37.8
2021-03-22 22:44:30	0.50	38.7
2021-03-22 22:44:40	1.24	38.2
2021-03-22 22:44:50	2.38	38.2
2021-03-22 22:45:00	1.22	38.0
2021-03-22 22:45:10	1.21	37.6
2021-03-22 22:45:20	1.15	37.6
2021-03-22 22:45:30	1.12	38.0
2021-03-22 22:45:40	0.90	37.9
2021-03-22 22:45:50	0.65	38.4
2021-03-22 22:46:00	1.28	38.2
2021-03-22 22:46:10	0.74	39.2
2021-03-22 22:46:20	0.93	38.1
2021-03-22 22:46:30	0.70	38.2
2021-03-22 22:46:40	1.89	38.3
2021-03-22 22:46:50	1.37	38.6

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-22 22:47:10	0.52	38.3
2021-03-22 22:47:30	0.51	38.2
2021-03-22 22:47:40	0.59	38.0
2021-03-22 22:47:50	0.71	38.2
2021-03-22 22:48:00	0.75	38.8
2021-03-22 22:48:10	0.59	38.1
2021-03-22 22:48:20	0.54	38.7
2021-03-22 22:48:40	0.63	37.7
2021-03-22 22:49:00	0.68	38.8
2021-03-22 22:49:10	0.51	38.8
2021-03-22 22:50:00	0.57	38.5
2021-03-22 22:51:20	1.30	38.1
2021-03-22 22:51:30	1.53	38.1
2021-03-22 22:51:40	1.41	38.7
2021-03-22 22:51:50	1.02	38.2
2021-03-22 22:52:00	0.75	38.5
2021-03-22 22:52:10	1.15	38.4
2021-03-22 22:52:20	1.59	38.5
2021-03-22 22:52:30	0.93	38.6
2021-03-22 22:52:40	0.82	37.7
2021-03-22 22:52:50	1.52	37.9
2021-03-22 22:53:00	1.24	38.9
2021-03-22 22:53:10	1.37	39.0
2021-03-22 22:53:20	1.24	38.4
2021-03-22 22:53:30	0.80	38.5
2021-03-22 22:54:40	0.84	38.5
2021-03-22 22:56:00	0.84	38.7
2021-03-22 22:56:10	0.91	38.4
2021-03-22 22:56:20	1.50	37.9
2021-03-22 22:56:50	1.19	38.3
2021-03-22 22:57:00	0.79	38.0
2021-03-22 22:57:10	0.92	38.0
2021-03-22 22:57:20	1.09	38.5
2021-03-22 22:57:30	1.57	38.4
2021-03-22 22:57:40	0.81	38.8
2021-03-22 22:59:00	0.53	39.5
2021-03-22 22:59:10	0.77	39.4
2021-03-22 23:00:30	1.25	38.5
2021-03-22 23:00:40	0.92	38.3
2021-03-22 23:00:50	1.25	38.4
2021-03-22 23:01:00	1.68	38.7
2021-03-22 23:01:10	1.42	38.4
2021-03-22 23:01:20	1.29	38.2
2021-03-22 23:01:30	0.85	38.6
2021-03-22 23:01:40	2.33	38.2
2021-03-22 23:01:50	0.86	38.1
2021-03-22 23:02:30	0.87	38.3
2021-03-22 23:02:40	0.54	38.4
2021-03-22 23:02:50	1.17	38.2

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-22 23:03:00	0.96	38.4
2021-03-22 23:03:50	1.49	38.1
2021-03-22 23:04:00	1.19	38.9
2021-03-22 23:04:50	0.90	38.0
2021-03-22 23:05:00	0.97	38.0
2021-03-22 23:05:10	0.93	38.0
2021-03-22 23:05:20	0.62	37.5
2021-03-22 23:05:30	0.91	38.0
2021-03-22 23:05:40	0.77	38.3
2021-03-22 23:06:00	0.80	38.3
2021-03-22 23:06:10	0.70	38.2
2021-03-22 23:06:30	0.54	37.9
2021-03-22 23:06:40	0.73	38.0
2021-03-22 23:06:50	0.50	38.6
2021-03-22 23:07:10	1.37	38.1
2021-03-22 23:07:20	1.36	37.3
2021-03-22 23:07:30	0.60	38.2
2021-03-22 23:07:40	0.76	38.8
2021-03-22 23:07:50	1.46	37.9
2021-03-22 23:08:00	1.83	37.8
2021-03-22 23:08:10	1.51	37.9
2021-03-22 23:08:20	0.77	38.0
2021-03-22 23:09:10	0.52	37.6
2021-03-22 23:09:20	0.56	37.7
2021-03-22 23:09:30	1.22	37.7
2021-03-22 23:09:40	1.45	37.9
2021-03-22 23:09:50	0.93	37.3
2021-03-22 23:10:00	1.25	37.4
2021-03-22 23:10:10	0.76	37.9
2021-03-22 23:10:20	0.74	37.7
2021-03-22 23:10:30	1.02	38.3
2021-03-22 23:10:40	0.86	38.3
2021-03-22 23:10:50	0.98	37.8
2021-03-22 23:11:00	0.71	37.9
2021-03-22 23:11:20	0.76	38.1
2021-03-22 23:11:30	1.68	38.3
2021-03-22 23:11:40	1.40	38.7
2021-03-22 23:11:50	1.39	38.3
2021-03-22 23:12:00	1.65	38.1
2021-03-22 23:12:10	1.30	38.3
2021-03-22 23:12:20	1.11	38.5
2021-03-22 23:12:30	0.98	38.4
2021-03-22 23:12:40	0.97	38.4
2021-03-22 23:12:50	1.47	38.2
2021-03-22 23:13:00	0.90	38.1
2021-03-22 23:13:10	0.91	38.3
2021-03-22 23:13:20	1.05	38.7
2021-03-22 23:13:30	0.73	38.7
2021-03-22 23:13:40	1.05	38.6

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-22 23:13:50	1.06	39.1
2021-03-22 23:14:00	0.62	39.5
2021-03-22 23:14:20	0.62	38.8
2021-03-22 23:14:30	0.88	38.0
2021-03-22 23:14:40	1.25	37.9
2021-03-22 23:14:50	1.69	38.4
2021-03-22 23:15:00	0.87	38.6
2021-03-22 23:15:10	1.41	38.8
2021-03-22 23:15:20	0.92	39.0
2021-03-22 23:15:40	1.54	38.6
2021-03-22 23:15:50	1.94	38.2
2021-03-22 23:16:00	1.08	37.9
2021-03-22 23:16:10	1.06	38.0
2021-03-22 23:16:20	0.82	38.4
2021-03-22 23:16:30	0.54	38.4
2021-03-22 23:17:20	0.81	38.7
2021-03-22 23:20:00	0.59	38.9
2021-03-22 23:20:10	0.90	38.7
2021-03-22 23:20:20	0.59	38.7
2021-03-22 23:20:50	1.09	39.5
2021-03-22 23:21:00	1.31	38.9
2021-03-22 23:21:10	0.65	38.9
2021-03-22 23:21:20	0.88	39.4
2021-03-22 23:21:30	0.60	39.4
2021-03-22 23:22:20	1.32	38.3
2021-03-22 23:22:30	1.12	38.6
2021-03-22 23:22:40	0.99	38.4
2021-03-22 23:23:00	1.13	39.1
2021-03-22 23:23:10	1.24	38.6
2021-03-22 23:23:40	1.15	38.7
2021-03-22 23:23:50	1.11	38.7
2021-03-22 23:24:00	1.66	38.8
2021-03-22 23:24:10	0.76	38.9
2021-03-22 23:24:20	0.70	38.9
2021-03-22 23:24:30	0.79	39.1
2021-03-22 23:24:40	0.75	38.7
2021-03-22 23:25:20	0.58	38.6
2021-03-22 23:25:30	0.64	39.0
2021-03-22 23:25:40	0.65	39.0
2021-03-22 23:25:50	1.07	38.9
2021-03-22 23:26:00	0.53	38.8
2021-03-22 23:26:10	0.79	39.4
2021-03-22 23:28:10	1.48	39.4
2021-03-22 23:28:20	1.72	38.8
2021-03-22 23:28:40	1.15	38.9
2021-03-22 23:28:50	1.28	38.2
2021-03-22 23:29:00	1.15	38.2
2021-03-22 23:29:10	1.02	38.2
2021-03-22 23:29:20	0.85	38.5

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-22 23:29:30	0.54	38.4
2021-03-22 23:29:40	1.42	38.8
2021-03-22 23:29:50	1.63	39.3
2021-03-22 23:30:00	1.41	39.1
2021-03-22 23:30:10	0.99	38.8
2021-03-22 23:30:20	0.62	38.6
2021-03-22 23:30:30	0.98	38.5
2021-03-22 23:30:40	0.69	39.2
2021-03-22 23:30:50	0.89	39.1
2021-03-22 23:31:00	0.89	38.8
2021-03-22 23:31:10	0.95	38.6
2021-03-22 23:31:20	0.73	38.8
2021-03-22 23:31:30	1.07	38.3
2021-03-22 23:31:40	0.56	39.3
2021-03-22 23:32:40	0.73	39.4
2021-03-22 23:33:40	1.10	39.0
2021-03-22 23:33:50	0.94	38.8
2021-03-22 23:34:00	0.94	38.0
2021-03-22 23:34:10	1.50	38.2
2021-03-22 23:34:20	0.62	38.9
2021-03-22 23:34:50	1.15	38.4
2021-03-22 23:35:00	1.63	38.7
2021-03-22 23:35:10	1.30	38.6
2021-03-22 23:35:20	0.60	38.6
2021-03-22 23:35:40	0.75	38.3
2021-03-22 23:35:50	0.60	39.1
2021-03-22 23:36:00	0.96	38.4
2021-03-22 23:36:20	0.59	38.3
2021-03-22 23:36:30	1.25	38.7
2021-03-22 23:36:40	1.34	38.9
2021-03-22 23:36:50	0.94	38.1
2021-03-22 23:37:00	0.71	38.4
2021-03-22 23:37:10	0.96	38.2
2021-03-22 23:37:20	1.08	38.7
2021-03-22 23:37:30	0.86	38.4
2021-03-22 23:37:40	0.64	38.3
2021-03-22 23:37:50	1.50	38.0
2021-03-22 23:38:00	1.58	38.5
2021-03-22 23:38:10	0.84	38.7
2021-03-22 23:38:20	0.61	38.5
2021-03-22 23:38:30	0.71	38.3
2021-03-22 23:38:40	0.69	38.5
2021-03-22 23:39:00	0.55	38.8
2021-03-22 23:39:10	0.77	38.5
2021-03-22 23:39:40	1.92	38.4
2021-03-22 23:39:50	1.12	38.4
2021-03-22 23:40:00	0.51	38.4
2021-03-22 23:40:10	1.26	38.3
2021-03-22 23:40:20	0.92	38.2

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-22 23:40:30	0.62	37.8
2021-03-22 23:40:40	0.89	38.0
2021-03-22 23:40:50	0.94	38.4
2021-03-22 23:41:00	1.14	38.6
2021-03-22 23:41:10	0.99	38.3
2021-03-22 23:41:20	1.01	38.7
2021-03-22 23:41:30	1.96	38.3
2021-03-22 23:41:40	1.88	38.7
2021-03-22 23:41:50	1.02	39.0
2021-03-22 23:42:00	0.88	39.3
2021-03-22 23:43:40	0.68	39.5
2021-03-22 23:44:10	1.40	39.3
2021-03-22 23:44:20	1.30	39.7
2021-03-22 23:44:30	0.81	39.1
2021-03-22 23:44:40	1.09	39.0
2021-03-22 23:44:50	1.00	39.5
2021-03-22 23:45:00	1.54	38.9
2021-03-22 23:45:10	1.01	39.1
2021-03-22 23:45:20	0.56	39.5
2021-03-22 23:45:30	0.75	39.5
2021-03-22 23:45:40	0.97	39.5
2021-03-22 23:45:50	0.93	38.7
2021-03-22 23:46:00	0.77	40.0
2021-03-22 23:46:10	1.08	40.3
2021-03-22 23:48:00	1.52	40.9
2021-03-22 23:48:10	2.08	39.8
2021-03-22 23:48:20	2.25	39.4
2021-03-22 23:48:30	1.86	39.0
2021-03-22 23:48:40	1.48	39.1
2021-03-22 23:48:50	1.32	39.1
2021-03-22 23:49:00	1.13	38.8
2021-03-22 23:49:10	0.81	39.1
2021-03-22 23:50:20	1.11	39.5
2021-03-22 23:50:30	1.09	39.0
2021-03-22 23:50:40	0.59	39.1
2021-03-22 23:51:00	0.70	39.4
2021-03-22 23:51:10	0.51	39.1
2021-03-22 23:51:20	0.67	38.9
2021-03-22 23:52:00	0.53	38.9
2021-03-22 23:52:10	0.70	38.9
2021-03-22 23:52:20	0.95	39.0
2021-03-22 23:52:30	0.92	38.7
2021-03-22 23:52:40	0.65	39.2
2021-03-22 23:52:50	0.58	38.7
2021-03-22 23:53:10	0.55	38.6
2021-03-22 23:53:20	0.78	38.5
2021-03-22 23:54:20	0.53	39.0
2021-03-22 23:54:30	0.68	39.1
2021-03-22 23:54:40	0.86	38.4

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-22 23:54:50	0.91	38.5
2021-03-22 23:55:00	0.99	38.5
2021-03-22 23:55:50	0.50	38.8
2021-03-22 23:56:20	0.95	38.3
2021-03-22 23:56:30	1.55	38.5
2021-03-22 23:56:40	1.21	39.1
2021-03-22 23:56:50	0.58	38.2
2021-03-22 23:57:00	0.74	38.5
2021-03-22 23:57:30	0.66	38.8
2021-03-22 23:57:40	1.11	39.1
2021-03-22 23:57:50	1.51	38.8
2021-03-22 23:58:00	1.01	39.7
2021-03-22 23:58:10	1.09	38.8
2021-03-22 23:58:20	1.31	38.3
2021-03-22 23:58:30	1.03	38.8
2021-03-22 23:58:40	0.69	39.1
2021-03-22 23:58:50	0.63	38.5
2021-03-22 23:59:00	1.04	38.3
2021-03-22 23:59:10	0.87	38.3
2021-03-22 23:59:20	1.21	38.6
2021-03-22 23:59:30	0.83	38.3
2021-03-22 23:59:40	0.79	38.4
2021-03-22 23:59:50	0.67	37.8
2021-03-23 00:00:10	0.56	37.7
2021-03-23 00:00:20	1.08	38.2
2021-03-23 00:00:30	0.79	38.0
2021-03-23 00:00:40	1.11	38.2
2021-03-23 00:00:50	0.78	38.4
2021-03-23 00:01:00	0.99	37.5
2021-03-23 00:01:10	2.00	37.7
2021-03-23 00:01:20	1.61	37.7
2021-03-23 00:01:30	0.64	37.8
2021-03-23 00:01:40	2.36	38.5
2021-03-23 00:01:50	2.24	38.0
2021-03-23 00:02:00	1.14	37.8
2021-03-23 00:02:10	0.59	38.1
2021-03-23 00:02:20	1.16	38.0
2021-03-23 00:02:30	1.69	38.2
2021-03-23 00:02:40	0.89	37.7
2021-03-23 00:02:50	1.14	38.3
2021-03-23 00:03:20	0.89	38.0
2021-03-23 00:03:30	0.52	38.8
2021-03-23 00:04:50	2.57	39.2
2021-03-23 00:05:00	2.30	39.3
2021-03-23 00:05:10	1.82	38.6
2021-03-23 00:05:20	1.02	38.5
2021-03-23 00:05:30	0.67	38.5
2021-03-23 00:05:40	0.80	38.4
2021-03-23 00:05:50	0.66	38.2

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 00:06:00	0.58	38.4
2021-03-23 00:06:10	0.66	37.7
2021-03-23 00:06:20	0.75	37.9
2021-03-23 00:06:30	1.81	38.4
2021-03-23 00:06:40	2.75	38.9
2021-03-23 00:06:50	1.93	38.9
2021-03-23 00:07:00	1.00	38.6
2021-03-23 00:07:10	0.95	38.7
2021-03-23 00:07:20	1.14	38.9
2021-03-23 00:07:30	1.10	38.6
2021-03-23 00:07:50	0.52	38.4
2021-03-23 00:08:00	1.09	38.7
2021-03-23 00:08:10	1.25	39.2
2021-03-23 00:08:20	0.77	39.4
2021-03-23 00:11:00	1.90	39.9
2021-03-23 00:11:10	0.86	38.8
2021-03-23 00:11:20	0.79	39.0
2021-03-23 00:11:30	1.21	38.3
2021-03-23 00:11:40	1.54	38.2
2021-03-23 00:11:50	0.75	38.5
2021-03-23 00:12:00	1.17	38.7
2021-03-23 00:12:10	1.02	38.5
2021-03-23 00:12:20	1.62	39.0
2021-03-23 00:12:30	1.27	38.9
2021-03-23 00:12:40	1.32	38.9
2021-03-23 00:12:50	1.28	38.7
2021-03-23 00:13:00	0.55	38.5
2021-03-23 00:13:10	1.26	38.9
2021-03-23 00:13:20	1.52	38.8
2021-03-23 00:13:30	0.85	38.9
2021-03-23 00:13:40	0.83	38.7
2021-03-23 00:13:50	1.38	39.1
2021-03-23 00:14:00	1.21	39.4
2021-03-23 00:15:00	0.74	40.8
2021-03-23 00:15:10	1.83	38.3
2021-03-23 00:15:20	1.41	38.3
2021-03-23 00:15:40	1.36	39.1
2021-03-23 00:15:50	1.72	39.5
2021-03-23 00:16:00	2.71	39.2
2021-03-23 00:16:10	2.53	40.1
2021-03-23 00:16:20	1.68	39.2
2021-03-23 00:16:30	1.40	38.3
2021-03-23 00:16:40	1.93	38.0
2021-03-23 00:16:50	1.54	38.7
2021-03-23 00:17:00	0.92	39.0
2021-03-23 00:18:00	2.19	41.0
2021-03-23 00:18:10	1.63	41.1
2021-03-23 00:18:20	1.36	40.7
2021-03-23 00:19:00	0.75	38.9

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 00:20:00	0.81	39.5
2021-03-23 00:20:10	1.33	39.4
2021-03-23 00:20:20	1.52	39.0
2021-03-23 00:20:30	0.79	38.6
2021-03-23 00:20:40	0.95	38.1
2021-03-23 00:20:50	0.80	38.0
2021-03-23 00:21:00	1.09	38.4
2021-03-23 00:21:10	1.76	38.2
2021-03-23 00:21:20	1.17	38.5
2021-03-23 00:21:30	1.59	38.2
2021-03-23 00:21:40	1.48	38.4
2021-03-23 00:21:50	1.09	38.6
2021-03-23 00:22:10	1.07	37.8
2021-03-23 00:22:20	0.99	37.6
2021-03-23 00:22:30	0.56	38.4
2021-03-23 00:22:40	0.97	38.5
2021-03-23 00:22:50	0.73	38.2
2021-03-23 00:23:00	1.50	38.0
2021-03-23 00:23:10	0.76	38.3
2021-03-23 00:23:20	1.14	38.3
2021-03-23 00:23:30	1.10	38.2
2021-03-23 00:23:40	0.75	38.5
2021-03-23 00:23:50	1.02	38.5
2021-03-23 00:24:00	1.19	38.6
2021-03-23 00:25:40	1.93	39.9
2021-03-23 00:26:10	2.70	38.9
2021-03-23 00:26:20	2.03	38.1
2021-03-23 00:26:30	1.33	38.0
2021-03-23 00:26:40	0.96	37.7
2021-03-23 00:26:50	0.66	38.5
2021-03-23 00:27:00	0.92	38.2
2021-03-23 00:27:10	3.24	38.4
2021-03-23 00:27:20	2.07	37.9
2021-03-23 00:27:30	2.44	38.6
2021-03-23 00:27:40	1.76	38.7
2021-03-23 00:27:50	1.25	38.8
2021-03-23 00:28:00	0.76	38.4
2021-03-23 00:28:10	0.95	38.8
2021-03-23 00:28:20	0.75	38.4
2021-03-23 00:28:30	1.19	38.7
2021-03-23 00:28:40	1.10	39.4
2021-03-23 00:28:50	1.53	38.9
2021-03-23 00:29:00	0.80	38.8
2021-03-23 00:29:10	1.13	39.1
2021-03-23 00:29:20	1.64	38.7
2021-03-23 00:29:30	1.50	38.8
2021-03-23 00:29:40	1.31	39.1
2021-03-23 00:29:50	0.98	38.5
2021-03-23 00:30:00	0.78	38.9

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 00:30:10	0.71	38.3
2021-03-23 00:30:20	1.10	38.0
2021-03-23 00:30:30	1.98	38.5
2021-03-23 00:30:40	1.47	38.2
2021-03-23 00:30:50	0.87	38.4
2021-03-23 00:31:00	0.68	39.4
2021-03-23 00:31:10	0.79	39.7
2021-03-23 00:31:30	1.25	40.9
2021-03-23 00:31:40	0.63	40.5
2021-03-23 00:31:50	0.62	41.2
2021-03-23 00:32:50	0.67	38.4
2021-03-23 00:33:10	0.88	39.3
2021-03-23 00:33:20	1.41	38.7
2021-03-23 00:33:30	0.93	38.5
2021-03-23 00:33:40	1.71	38.1
2021-03-23 00:33:50	0.89	38.4
2021-03-23 00:34:00	0.93	39.0
2021-03-23 00:34:10	1.15	38.2
2021-03-23 00:34:20	1.75	38.1
2021-03-23 00:34:30	1.03	38.3
2021-03-23 00:34:40	0.97	38.1
2021-03-23 00:34:50	2.33	38.6
2021-03-23 00:35:00	1.21	38.7
2021-03-23 00:35:10	0.80	38.5
2021-03-23 00:36:20	1.69	38.6
2021-03-23 00:36:30	2.66	39.1
2021-03-23 00:36:40	2.43	38.7
2021-03-23 00:36:50	1.79	38.2
2021-03-23 00:37:00	2.15	38.7
2021-03-23 00:37:10	1.06	39.1
2021-03-23 00:37:20	1.10	38.8
2021-03-23 00:37:30	1.28	38.8
2021-03-23 00:37:40	1.11	39.3
2021-03-23 00:37:50	0.68	38.6
2021-03-23 00:38:00	1.23	38.4
2021-03-23 00:38:10	1.10	38.5
2021-03-23 00:38:40	0.91	38.8
2021-03-23 00:38:50	2.72	38.9
2021-03-23 00:39:00	1.46	39.3
2021-03-23 00:39:10	0.99	39.3
2021-03-23 00:39:20	0.99	39.0
2021-03-23 00:39:30	1.74	39.6
2021-03-23 00:39:40	1.66	39.4
2021-03-23 00:39:50	1.19	40.4
2021-03-23 00:41:00	0.57	39.0
2021-03-23 00:41:10	0.66	38.5
2021-03-23 00:41:20	1.39	38.2
2021-03-23 00:41:30	1.25	38.3
2021-03-23 00:41:40	0.83	38.8

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 00:41:50	1.01	38.7
2021-03-23 00:42:00	1.25	38.4
2021-03-23 00:42:10	1.25	38.8
2021-03-23 00:42:20	0.52	38.8
2021-03-23 00:42:50	0.78	38.8
2021-03-23 00:43:00	0.64	38.7
2021-03-23 00:43:10	0.81	39.0
2021-03-23 00:43:20	1.25	38.8
2021-03-23 00:43:30	1.67	37.6
2021-03-23 00:43:40	1.49	38.0
2021-03-23 00:43:50	1.92	38.6
2021-03-23 00:44:00	1.68	38.4
2021-03-23 00:44:10	1.93	38.1
2021-03-23 00:44:20	1.00	38.8
2021-03-23 00:44:30	0.79	38.6
2021-03-23 00:44:40	0.84	38.3
2021-03-23 00:44:50	0.84	38.3
2021-03-23 00:45:00	1.17	38.1
2021-03-23 00:45:10	1.90	38.1
2021-03-23 00:45:20	1.77	38.6
2021-03-23 00:45:30	1.08	38.9
2021-03-23 00:45:40	1.35	38.4
2021-03-23 00:45:50	1.24	37.8
2021-03-23 00:46:00	1.66	37.8
2021-03-23 00:46:10	1.72	37.9
2021-03-23 00:46:20	1.20	38.2
2021-03-23 00:46:30	1.51	38.0
2021-03-23 00:46:40	0.74	38.0
2021-03-23 00:46:50	1.45	38.3
2021-03-23 00:47:00	2.75	38.5
2021-03-23 00:47:10	2.11	38.5
2021-03-23 00:47:20	1.25	38.2
2021-03-23 00:47:30	1.98	37.8
2021-03-23 00:47:40	3.17	38.2
2021-03-23 00:47:50	2.32	39.0
2021-03-23 00:48:00	1.25	38.8
2021-03-23 00:48:10	2.47	39.1
2021-03-23 00:48:20	0.80	38.4
2021-03-23 00:48:40	0.54	38.6
2021-03-23 00:48:50	0.90	38.3
2021-03-23 00:49:10	0.81	38.8
2021-03-23 00:49:20	2.00	38.4
2021-03-23 00:49:30	1.28	38.5
2021-03-23 00:49:40	1.36	38.3
2021-03-23 00:49:50	1.21	37.9
2021-03-23 00:50:10	2.09	38.2
2021-03-23 00:50:20	2.54	38.7
2021-03-23 00:50:30	0.55	38.3
2021-03-23 00:50:40	0.60	37.6

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 00:51:30	0.89	38.1
2021-03-23 00:51:40	1.05	39.0
2021-03-23 00:52:00	0.90	38.3
2021-03-23 00:52:10	1.51	38.5
2021-03-23 00:52:20	0.75	38.1
2021-03-23 00:52:50	1.35	38.5
2021-03-23 00:53:00	1.51	38.5
2021-03-23 00:53:10	0.94	38.3
2021-03-23 00:53:20	0.97	38.2
2021-03-23 00:53:30	0.80	38.7
2021-03-23 00:53:40	0.99	38.7
2021-03-23 00:53:50	0.50	38.4
2021-03-23 00:54:00	0.80	39.1
2021-03-23 00:54:10	1.01	38.1
2021-03-23 00:54:20	1.52	38.2
2021-03-23 00:54:30	1.19	39.3
2021-03-23 00:54:40	1.13	38.1
2021-03-23 00:54:50	1.23	38.3
2021-03-23 00:55:00	1.36	39.2
2021-03-23 00:55:10	0.80	37.7
2021-03-23 00:55:20	0.96	37.9
2021-03-23 00:55:30	0.52	37.9
2021-03-23 00:55:40	0.71	38.3
2021-03-23 00:55:50	0.58	38.1
2021-03-23 00:56:00	0.78	38.8
2021-03-23 00:56:10	0.87	38.4
2021-03-23 00:56:20	0.58	38.6
2021-03-23 00:56:40	0.73	38.1
2021-03-23 00:56:50	0.85	38.2
2021-03-23 00:57:00	0.86	38.1
2021-03-23 00:57:10	0.64	37.6
2021-03-23 00:57:20	0.57	37.5
2021-03-23 00:57:30	1.30	38.0
2021-03-23 00:57:40	1.57	38.4
2021-03-23 00:57:50	1.07	37.6
2021-03-23 00:58:00	0.73	37.4
2021-03-23 00:58:10	0.66	38.3
2021-03-23 00:58:40	1.05	38.6
2021-03-23 00:58:50	1.22	38.6
2021-03-23 00:59:00	0.94	38.3
2021-03-23 00:59:10	0.53	38.7
2021-03-23 00:59:50	0.71	38.2
2021-03-23 01:00:00	0.87	39.0
2021-03-23 01:00:10	0.54	39.0
2021-03-23 01:00:20	1.18	38.3
2021-03-23 01:00:30	1.13	38.5
2021-03-23 01:00:40	0.99	38.9
2021-03-23 01:00:50	1.16	38.7
2021-03-23 01:01:00	1.51	38.6

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 01:01:10	1.65	38.8
2021-03-23 01:01:20	0.88	38.8
2021-03-23 01:01:30	0.93	38.8
2021-03-23 01:01:40	0.85	38.7
2021-03-23 01:01:50	1.23	38.9
2021-03-23 01:02:00	1.46	38.4
2021-03-23 01:02:10	1.11	38.8
2021-03-23 01:02:20	0.85	38.8
2021-03-23 01:02:40	0.85	38.8
2021-03-23 01:02:50	0.99	38.4
2021-03-23 01:03:00	1.13	38.2
2021-03-23 01:03:10	1.02	38.9
2021-03-23 01:03:20	1.13	39.0
2021-03-23 01:03:30	0.79	38.7
2021-03-23 01:03:40	0.77	38.5
2021-03-23 01:03:50	0.86	37.7
2021-03-23 01:04:00	0.71	38.6
2021-03-23 01:04:10	0.84	39.1
2021-03-23 01:04:20	1.03	38.2
2021-03-23 01:04:30	1.24	38.5
2021-03-23 01:04:40	0.83	38.5
2021-03-23 01:04:50	0.77	38.8
2021-03-23 01:05:00	0.74	38.9
2021-03-23 01:05:10	1.17	38.6
2021-03-23 01:05:20	1.08	37.8
2021-03-23 01:05:30	1.10	37.9
2021-03-23 01:05:40	1.14	39.1
2021-03-23 01:05:50	0.62	39.0
2021-03-23 01:06:10	0.90	38.7
2021-03-23 01:06:20	1.27	37.4
2021-03-23 01:06:30	1.05	38.5
2021-03-23 01:06:40	0.96	38.5
2021-03-23 01:06:50	0.75	39.4
2021-03-23 01:07:00	0.68	39.0
2021-03-23 01:07:10	0.98	38.3
2021-03-23 01:07:20	0.65	38.0
2021-03-23 01:07:30	0.51	37.6
2021-03-23 01:07:40	0.79	38.8
2021-03-23 01:07:50	0.82	38.6
2021-03-23 01:08:00	0.65	38.8
2021-03-23 01:08:30	1.24	38.7
2021-03-23 01:08:40	1.17	38.6
2021-03-23 01:08:50	0.82	38.8
2021-03-23 01:09:00	1.60	38.9
2021-03-23 01:09:10	1.77	38.9
2021-03-23 01:09:20	1.50	38.4
2021-03-23 01:09:30	0.99	39.3
2021-03-23 01:09:40	1.55	39.5
2021-03-23 01:09:50	1.11	39.5

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 01:10:00	0.78	38.6
2021-03-23 01:10:40	0.71	38.5
2021-03-23 01:10:50	0.92	38.0
2021-03-23 01:11:00	0.92	38.7
2021-03-23 01:11:10	1.25	39.2
2021-03-23 01:11:20	1.53	39.1
2021-03-23 01:11:30	1.61	39.2
2021-03-23 01:11:40	0.83	39.4
2021-03-23 01:12:00	0.98	39.2
2021-03-23 01:12:10	1.04	39.1
2021-03-23 01:12:20	1.30	38.4
2021-03-23 01:12:30	1.67	38.9
2021-03-23 01:12:40	1.12	39.3
2021-03-23 01:12:50	1.13	38.8
2021-03-23 01:13:00	1.25	39.1
2021-03-23 01:13:10	0.94	38.2
2021-03-23 01:13:20	0.88	38.0
2021-03-23 01:13:30	0.71	37.8
2021-03-23 01:13:40	0.86	38.6
2021-03-23 01:13:50	0.53	38.2
2021-03-23 01:14:00	0.82	38.5
2021-03-23 01:14:20	0.64	39.2
2021-03-23 01:14:40	1.11	38.4
2021-03-23 01:14:50	2.10	37.9
2021-03-23 01:15:00	0.99	38.3
2021-03-23 01:15:10	0.83	37.7
2021-03-23 01:15:20	1.04	38.1
2021-03-23 01:15:30	1.03	38.4
2021-03-23 01:15:40	1.14	38.2
2021-03-23 01:15:50	0.82	38.7
2021-03-23 01:16:00	0.61	38.3
2021-03-23 01:16:10	1.21	38.4
2021-03-23 01:16:20	1.55	38.0
2021-03-23 01:16:30	0.66	39.2
2021-03-23 01:16:40	0.70	39.0
2021-03-23 01:16:50	0.87	38.6
2021-03-23 01:17:00	1.15	38.2
2021-03-23 01:17:10	0.99	38.5
2021-03-23 01:17:20	0.70	39.0
2021-03-23 01:17:30	0.75	38.8
2021-03-23 01:17:40	0.99	38.6
2021-03-23 01:17:50	0.99	39.1
2021-03-23 01:18:00	1.11	38.8
2021-03-23 01:18:10	1.00	38.2
2021-03-23 01:18:20	0.96	38.8
2021-03-23 01:18:30	1.89	39.9
2021-03-23 01:18:40	1.47	40.7
2021-03-23 01:18:50	1.30	40.1
2021-03-23 01:19:40	0.91	39.4

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 01:20:20	0.59	38.5
2021-03-23 01:20:40	0.64	38.5
2021-03-23 01:21:10	0.56	38.5
2021-03-23 01:21:20	1.56	39.1
2021-03-23 01:21:30	1.62	38.9
2021-03-23 01:21:40	0.68	38.9
2021-03-23 01:21:50	0.50	39.4
2021-03-23 01:22:10	0.86	38.0
2021-03-23 01:22:20	1.55	37.4
2021-03-23 01:22:30	0.79	37.7
2021-03-23 01:22:40	1.25	38.1
2021-03-23 01:22:50	1.54	38.2
2021-03-23 01:23:00	1.49	38.2
2021-03-23 01:23:10	1.39	38.3
2021-03-23 01:23:20	0.88	38.1
2021-03-23 01:23:30	1.25	38.1
2021-03-23 01:23:40	1.32	38.2
2021-03-23 01:23:50	1.10	38.1
2021-03-23 01:24:30	0.85	37.9
2021-03-23 01:24:40	0.84	38.2
2021-03-23 01:24:50	0.65	38.5
2021-03-23 01:25:00	0.99	38.0
2021-03-23 01:25:10	0.84	38.4
2021-03-23 01:25:30	0.97	40.4
2021-03-23 01:25:50	0.51	42.5
2021-03-23 01:27:00	0.68	39.6
2021-03-23 01:27:10	1.05	39.1
2021-03-23 01:28:10	0.75	38.1
2021-03-23 01:28:20	1.60	38.8
2021-03-23 01:29:00	0.56	38.7
2021-03-23 01:29:10	0.68	38.4
2021-03-23 01:29:20	1.05	38.7
2021-03-23 01:34:00	0.50	37.9
2021-03-23 01:37:20	1.22	38.8
2021-03-23 01:37:30	0.94	38.8
2021-03-23 01:54:10	0.84	38.2
2021-03-23 01:54:40	1.20	38.2
2021-03-23 01:56:10	0.89	38.7
2021-03-23 01:56:40	1.04	39.7
2021-03-23 01:59:50	1.13	38.3
2021-03-23 02:00:00	0.71	38.5
2021-03-23 02:01:10	0.90	38.0
2021-03-23 02:01:20	1.05	38.3
2021-03-23 02:01:30	0.77	38.0
2021-03-23 02:01:40	0.67	38.9
2021-03-23 02:01:50	1.12	37.8
2021-03-23 02:02:00	1.13	37.8
2021-03-23 02:02:10	1.18	38.2
2021-03-23 02:04:50	0.60	39.2

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 02:05:00	0.62	39.4
2021-03-23 02:05:10	0.53	38.8
2021-03-23 02:08:30	0.84	38.3
2021-03-23 02:08:40	0.89	38.3
2021-03-23 02:12:20	0.62	39.1
2021-03-23 02:12:30	0.51	38.6
2021-03-23 02:13:10	0.60	38.5
2021-03-23 02:13:20	0.78	38.5
2021-03-23 02:13:40	1.04	37.8
2021-03-23 02:13:50	0.55	38.1
2021-03-23 02:14:00	0.52	38.1
2021-03-23 02:14:10	1.13	38.2
2021-03-23 02:14:20	0.90	36.9
2021-03-23 02:14:30	0.78	37.7
2021-03-23 02:14:40	0.88	38.2
2021-03-23 02:14:50	0.99	38.4
2021-03-23 02:15:00	0.99	38.4
2021-03-23 02:15:10	0.82	38.5
2021-03-23 02:15:20	0.80	38.8
2021-03-23 02:15:30	1.56	39.0
2021-03-23 02:15:40	0.99	38.4
2021-03-23 02:15:50	1.27	38.1
2021-03-23 02:16:00	0.90	38.0
2021-03-23 02:16:10	0.75	37.8
2021-03-23 02:16:20	0.93	38.1
2021-03-23 02:16:30	0.87	37.7
2021-03-23 02:17:00	0.59	38.5
2021-03-23 02:17:10	0.70	38.6
2021-03-23 02:17:40	0.65	38.5
2021-03-23 02:17:50	1.06	37.7
2021-03-23 02:18:00	0.97	38.4
2021-03-23 02:18:10	0.89	37.4
2021-03-23 02:18:20	1.78	37.7
2021-03-23 02:18:30	1.54	38.3
2021-03-23 02:18:40	1.74	37.3
2021-03-23 02:18:50	1.14	37.9
2021-03-23 02:19:00	1.43	38.1
2021-03-23 02:19:10	1.19	37.8
2021-03-23 02:19:20	1.61	38.2
2021-03-23 02:19:30	1.08	37.8
2021-03-23 02:19:40	1.18	38.0
2021-03-23 02:19:50	1.08	38.1
2021-03-23 02:20:00	0.91	37.6
2021-03-23 02:20:30	0.75	37.8
2021-03-23 02:20:40	0.64	37.8
2021-03-23 02:20:50	0.82	37.9
2021-03-23 02:21:00	1.27	37.6
2021-03-23 02:21:10	0.80	37.7
2021-03-23 02:21:20	0.79	38.6

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 02:21:30	0.66	38.5
2021-03-23 02:21:40	0.60	38.1
2021-03-23 02:21:50	0.71	37.9
2021-03-23 02:22:00	0.99	37.5
2021-03-23 02:22:10	1.06	37.9
2021-03-23 02:22:20	1.33	37.4
2021-03-23 02:22:30	0.82	37.9
2021-03-23 02:22:40	0.95	37.9
2021-03-23 02:22:50	1.04	38.1
2021-03-23 02:23:00	0.71	38.1
2021-03-23 02:23:10	0.81	38.2
2021-03-23 02:23:20	0.79	38.3
2021-03-23 02:23:30	0.96	38.3
2021-03-23 02:23:40	0.75	37.4
2021-03-23 02:23:50	0.54	37.5
2021-03-23 02:24:00	0.62	37.7
2021-03-23 02:24:10	1.31	38.6
2021-03-23 02:24:20	0.81	37.9
2021-03-23 02:24:30	0.76	37.0
2021-03-23 02:25:10	1.17	37.8
2021-03-23 02:25:20	1.43	37.7
2021-03-23 02:25:30	0.83	37.9
2021-03-23 02:25:40	0.83	37.5
2021-03-23 02:25:50	1.11	37.3
2021-03-23 02:26:00	1.68	38.3
2021-03-23 02:26:10	1.77	38.5
2021-03-23 02:26:20	1.36	37.8
2021-03-23 02:26:30	1.25	37.6
2021-03-23 02:26:40	1.04	37.1
2021-03-23 02:26:50	0.82	38.1
2021-03-23 02:27:00	0.84	38.0
2021-03-23 02:27:10	0.85	38.1
2021-03-23 02:27:20	1.30	37.5
2021-03-23 02:27:30	1.43	38.3
2021-03-23 02:27:40	0.99	38.0
2021-03-23 02:27:50	1.00	38.4
2021-03-23 02:28:00	1.04	38.1
2021-03-23 02:28:10	0.94	37.9
2021-03-23 02:28:20	1.10	38.1
2021-03-23 02:28:30	0.71	38.6
2021-03-23 02:28:40	1.09	38.3
2021-03-23 02:28:50	0.91	37.6
2021-03-23 02:29:00	1.74	37.8
2021-03-23 02:29:10	0.89	37.8
2021-03-23 02:29:30	0.98	37.7
2021-03-23 02:29:40	1.74	38.2
2021-03-23 02:29:50	1.18	37.8
2021-03-23 02:30:00	0.75	37.8
2021-03-23 02:30:10	1.63	37.9

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 02:30:20	1.07	37.8
2021-03-23 02:30:30	0.60	38.4
2021-03-23 02:30:40	0.93	38.3
2021-03-23 02:30:50	0.96	37.8
2021-03-23 02:31:00	0.89	37.2
2021-03-23 02:31:10	1.04	38.1
2021-03-23 02:31:20	0.84	38.3
2021-03-23 02:31:30	0.71	38.1
2021-03-23 02:31:40	0.78	37.4
2021-03-23 02:32:00	1.07	37.9
2021-03-23 02:32:10	0.93	38.2
2021-03-23 02:32:20	1.24	38.6
2021-03-23 02:32:30	0.97	38.2
2021-03-23 02:32:40	0.84	38.2
2021-03-23 02:32:50	1.50	38.2
2021-03-23 02:33:00	1.72	38.4
2021-03-23 02:33:10	1.45	38.2
2021-03-23 02:33:20	1.06	37.6
2021-03-23 02:33:30	1.21	37.5
2021-03-23 02:33:40	0.58	38.2
2021-03-23 02:33:50	1.02	37.8
2021-03-23 02:34:00	1.02	38.0
2021-03-23 02:34:10	1.00	38.0
2021-03-23 02:34:20	1.57	37.4
2021-03-23 02:34:30	0.97	37.3
2021-03-23 02:34:50	1.29	37.5
2021-03-23 02:35:00	1.49	38.1
2021-03-23 02:35:10	1.07	38.1
2021-03-23 02:35:20	1.56	37.9
2021-03-23 02:35:30	2.11	37.7
2021-03-23 02:35:40	0.96	37.7
2021-03-23 02:35:50	1.17	38.0
2021-03-23 02:36:00	1.05	38.3
2021-03-23 02:36:10	0.92	38.3
2021-03-23 02:36:20	1.25	37.4
2021-03-23 02:36:30	1.90	37.6
2021-03-23 02:36:40	1.80	37.9
2021-03-23 02:36:50	1.23	37.9
2021-03-23 02:37:00	1.13	37.9
2021-03-23 02:37:10	1.13	38.0
2021-03-23 02:37:20	1.29	37.9
2021-03-23 02:37:30	0.99	37.4
2021-03-23 02:37:40	0.80	37.7
2021-03-23 02:37:50	1.15	37.9
2021-03-23 02:38:00	1.24	37.4
2021-03-23 02:38:10	1.04	38.0
2021-03-23 02:38:20	0.64	37.7
2021-03-23 02:38:30	1.35	38.3
2021-03-23 02:38:40	1.12	38.1

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 02:38:50	0.73	38.3
2021-03-23 02:39:00	0.77	38.8
2021-03-23 02:39:10	1.11	38.7
2021-03-23 02:39:20	0.73	38.6
2021-03-23 02:39:30	1.02	38.7
2021-03-23 02:39:40	1.71	38.8
2021-03-23 02:39:50	2.28	38.6
2021-03-23 02:40:00	1.18	38.5
2021-03-23 02:40:10	0.78	38.0
2021-03-23 02:40:20	0.81	37.6
2021-03-23 02:40:30	1.70	38.4
2021-03-23 02:40:40	1.65	38.0
2021-03-23 02:40:50	1.56	39.1
2021-03-23 02:41:00	0.94	38.2
2021-03-23 02:41:10	0.99	37.8
2021-03-23 02:41:20	1.06	38.7
2021-03-23 02:41:30	0.54	37.1
2021-03-23 02:41:40	0.71	37.6
2021-03-23 02:41:50	1.32	37.7
2021-03-23 02:42:00	0.80	38.4
2021-03-23 02:42:10	1.29	37.9
2021-03-23 02:42:20	1.07	37.7
2021-03-23 02:42:30	0.92	38.0
2021-03-23 02:42:40	0.88	37.9
2021-03-23 02:42:50	1.25	37.7
2021-03-23 02:43:00	1.15	38.5
2021-03-23 02:43:10	1.28	38.6
2021-03-23 02:43:20	0.86	37.2
2021-03-23 02:43:30	0.80	37.5
2021-03-23 02:43:50	1.40	38.1
2021-03-23 02:44:00	1.07	37.7
2021-03-23 02:44:10	0.99	37.6
2021-03-23 02:44:20	1.34	37.5
2021-03-23 02:44:30	1.27	37.5
2021-03-23 02:44:40	1.88	38.7
2021-03-23 02:44:50	0.88	38.1
2021-03-23 02:45:00	0.99	37.8
2021-03-23 02:45:10	0.93	37.6
2021-03-23 02:45:20	1.02	37.8
2021-03-23 02:45:30	1.00	38.1
2021-03-23 02:45:40	0.95	38.1
2021-03-23 02:45:50	1.43	37.3
2021-03-23 02:46:00	1.06	38.0
2021-03-23 02:46:20	1.09	38.3
2021-03-23 02:46:30	1.43	38.5
2021-03-23 02:46:40	1.35	37.9
2021-03-23 02:46:50	1.61	37.4
2021-03-23 02:47:00	1.56	38.0
2021-03-23 02:47:10	1.25	37.9

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 02:47:20	1.38	38.1
2021-03-23 02:47:30	1.71	38.5
2021-03-23 02:47:40	1.02	38.2
2021-03-23 02:47:50	1.81	38.6
2021-03-23 02:48:00	0.87	37.6
2021-03-23 02:48:10	1.26	38.0
2021-03-23 02:48:20	1.67	38.5
2021-03-23 02:48:30	1.20	38.3
2021-03-23 02:48:40	1.13	38.4
2021-03-23 02:48:50	1.36	37.3
2021-03-23 02:49:00	1.24	38.1
2021-03-23 02:49:10	1.15	38.0
2021-03-23 02:49:20	1.61	37.5
2021-03-23 02:49:30	1.49	38.1
2021-03-23 02:49:40	1.02	37.4
2021-03-23 02:49:50	2.06	37.4
2021-03-23 02:50:00	1.45	37.8
2021-03-23 02:50:10	0.87	37.9
2021-03-23 02:50:20	1.17	37.9
2021-03-23 02:50:30	1.69	38.4
2021-03-23 02:50:40	1.25	38.0
2021-03-23 02:50:50	1.80	37.7
2021-03-23 02:51:00	1.98	38.1
2021-03-23 02:51:10	1.21	37.8
2021-03-23 02:51:20	1.45	37.7
2021-03-23 02:51:30	1.33	38.0
2021-03-23 02:51:40	0.61	37.7
2021-03-23 02:51:50	1.15	37.5
2021-03-23 02:52:00	1.33	38.1
2021-03-23 02:52:10	0.93	37.5
2021-03-23 02:52:20	1.12	37.8
2021-03-23 02:52:30	1.16	37.5
2021-03-23 02:52:40	0.99	38.2
2021-03-23 02:52:50	1.02	37.7
2021-03-23 02:53:00	0.86	37.9
2021-03-23 02:53:10	1.22	38.2
2021-03-23 02:53:20	0.96	37.8
2021-03-23 02:53:30	1.62	37.8
2021-03-23 02:53:40	2.01	37.7
2021-03-23 02:53:50	1.80	37.8
2021-03-23 02:54:10	1.26	37.8
2021-03-23 02:54:20	0.98	38.2
2021-03-23 02:54:30	1.66	38.3
2021-03-23 02:54:40	1.10	38.1
2021-03-23 02:54:50	0.77	38.8
2021-03-23 02:55:00	0.79	38.6
2021-03-23 02:55:10	1.19	39.1
2021-03-23 02:55:30	1.14	39.7
2021-03-23 02:55:40	1.06	39.5

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 02:55:50	1.88	37.7
2021-03-23 02:56:00	2.08	38.2
2021-03-23 02:56:10	1.40	38.6
2021-03-23 02:58:20	0.75	38.9
2021-03-23 03:00:20	0.86	38.3
2021-03-23 03:00:30	1.11	38.1
2021-03-23 03:00:40	1.07	38.1
2021-03-23 03:01:00	1.08	38.7
2021-03-23 03:01:10	0.69	38.0
2021-03-23 03:01:20	1.37	38.1
2021-03-23 03:01:30	0.86	37.8
2021-03-23 03:01:40	1.29	37.9
2021-03-23 03:01:50	1.51	37.9
2021-03-23 03:02:00	1.18	37.7
2021-03-23 03:02:10	1.23	37.4
2021-03-23 03:02:20	1.28	37.6
2021-03-23 03:02:30	1.47	37.9
2021-03-23 03:02:40	1.63	38.2
2021-03-23 03:02:50	0.76	38.2
2021-03-23 03:03:10	1.19	37.5
2021-03-23 03:03:30	0.85	38.1
2021-03-23 03:03:40	1.37	38.4
2021-03-23 03:03:50	1.32	38.3
2021-03-23 03:04:00	0.82	37.5
2021-03-23 03:04:10	0.63	37.9
2021-03-23 03:04:20	0.56	38.4
2021-03-23 03:04:30	1.12	37.8
2021-03-23 03:04:40	1.39	37.8
2021-03-23 03:04:50	1.09	37.6
2021-03-23 03:05:00	1.06	37.8
2021-03-23 03:05:10	1.07	38.1
2021-03-23 03:05:20	1.25	37.7
2021-03-23 03:05:30	0.82	37.7
2021-03-23 03:05:40	0.75	38.8
2021-03-23 03:05:50	1.41	38.1
2021-03-23 03:06:00	0.83	37.5
2021-03-23 03:06:10	0.65	38.2
2021-03-23 03:06:20	0.69	38.0
2021-03-23 03:06:30	1.32	38.1
2021-03-23 03:06:40	0.95	38.1
2021-03-23 03:06:50	1.36	38.1
2021-03-23 03:07:00	1.61	38.5
2021-03-23 03:07:10	1.38	38.3
2021-03-23 03:07:20	1.38	38.1
2021-03-23 03:07:30	1.37	37.6
2021-03-23 03:07:40	1.96	38.4
2021-03-23 03:07:50	1.25	37.5
2021-03-23 03:08:20	1.50	37.8
2021-03-23 03:08:30	1.02	37.7

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 03:08:50	0.88	38.3
2021-03-23 03:09:00	1.10	37.9
2021-03-23 03:10:10	1.40	38.7
2021-03-23 03:10:20	0.73	39.1
2021-03-23 03:11:20	1.43	39.3
2021-03-23 03:11:30	1.30	38.1
2021-03-23 03:11:40	0.79	37.7
2021-03-23 03:11:50	1.00	38.7
2021-03-23 03:12:00	1.42	39.1
2021-03-23 03:13:10	1.02	38.4
2021-03-23 03:13:20	1.17	38.7
2021-03-23 03:13:30	1.43	38.4
2021-03-23 03:13:40	0.78	38.4
2021-03-23 03:13:50	0.88	38.5
2021-03-23 03:14:00	1.05	38.1
2021-03-23 03:14:10	1.34	38.3
2021-03-23 03:14:20	0.76	38.2
2021-03-23 03:14:30	0.85	38.5
2021-03-23 03:14:40	1.58	38.0
2021-03-23 03:14:50	1.37	38.1
2021-03-23 03:15:00	1.29	38.8
2021-03-23 03:15:10	1.45	37.6
2021-03-23 03:15:20	1.34	37.3
2021-03-23 03:15:30	1.53	38.4
2021-03-23 03:15:40	1.10	38.0
2021-03-23 03:15:50	1.25	38.2
2021-03-23 03:16:00	1.51	38.3
2021-03-23 03:16:10	1.25	37.9
2021-03-23 03:16:20	1.25	37.5
2021-03-23 03:16:30	0.84	38.1
2021-03-23 03:16:40	1.31	38.7
2021-03-23 03:16:50	1.45	38.4
2021-03-23 03:17:00	1.44	38.7
2021-03-23 03:17:10	1.30	37.5
2021-03-23 03:17:20	1.60	37.8
2021-03-23 03:17:30	1.51	38.6
2021-03-23 03:17:40	1.32	38.4
2021-03-23 03:17:50	1.83	38.8
2021-03-23 03:18:00	1.18	38.4
2021-03-23 03:18:10	1.64	38.5
2021-03-23 03:18:20	1.26	38.9
2021-03-23 03:18:30	1.39	38.5
2021-03-23 03:18:40	1.12	39.3
2021-03-23 03:18:50	0.74	39.6
2021-03-23 03:19:00	0.83	39.1
2021-03-23 03:19:10	1.24	38.0
2021-03-23 03:19:20	1.00	38.2
2021-03-23 03:19:30	1.34	38.0
2021-03-23 03:19:40	1.42	37.5

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 03:19:50	1.25	38.5
2021-03-23 03:20:10	1.25	38.8
2021-03-23 03:20:20	1.11	38.4
2021-03-23 03:20:30	2.24	37.7
2021-03-23 03:20:40	1.02	37.9
2021-03-23 03:20:50	1.05	38.2
2021-03-23 03:21:00	1.05	38.1
2021-03-23 03:21:10	0.90	38.0
2021-03-23 03:21:20	1.07	38.4
2021-03-23 03:21:30	1.54	38.4
2021-03-23 03:21:40	1.25	38.6
2021-03-23 03:21:50	1.26	37.9
2021-03-23 03:22:00	0.98	38.0
2021-03-23 03:22:20	1.06	38.3
2021-03-23 03:22:30	1.18	38.3
2021-03-23 03:22:40	0.97	38.0
2021-03-23 03:22:50	0.91	37.7
2021-03-23 03:23:00	1.18	37.7
2021-03-23 03:23:10	1.70	37.8
2021-03-23 03:23:20	1.40	38.0
2021-03-23 03:23:30	0.99	39.1
2021-03-23 03:23:40	1.37	38.8
2021-03-23 03:23:50	1.88	40.5
2021-03-23 03:24:40	1.04	38.7
2021-03-23 03:24:50	0.90	38.8
2021-03-23 03:25:00	0.82	39.2
2021-03-23 03:25:10	1.35	39.3
2021-03-23 03:25:20	0.78	38.9
2021-03-23 03:25:30	1.08	38.7
2021-03-23 03:25:40	1.32	38.7
2021-03-23 03:25:50	1.44	38.8
2021-03-23 03:26:00	0.76	38.8
2021-03-23 03:26:10	0.77	38.7
2021-03-23 03:26:20	0.77	38.1
2021-03-23 03:26:30	1.99	38.6
2021-03-23 03:26:40	1.45	39.9
2021-03-23 03:26:50	1.24	39.0
2021-03-23 03:27:00	1.53	38.4
2021-03-23 03:27:50	0.85	38.6
2021-03-23 03:28:00	1.67	37.8
2021-03-23 03:28:10	1.67	39.0
2021-03-23 03:28:50	1.62	39.8
2021-03-23 03:29:10	0.67	38.9
2021-03-23 03:29:20	1.12	38.6
2021-03-23 03:29:30	0.98	37.7
2021-03-23 03:29:40	1.19	37.6
2021-03-23 03:29:50	0.57	37.7
2021-03-23 03:30:00	0.85	37.7
2021-03-23 03:30:10	0.73	37.2

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 03:30:20	0.91	37.5
2021-03-23 03:30:30	0.71	38.2
2021-03-23 03:30:40	0.55	38.9
2021-03-23 03:30:50	1.04	37.9
2021-03-23 03:31:00	0.61	37.6
2021-03-23 03:31:30	1.34	38.2
2021-03-23 03:31:40	1.23	38.1
2021-03-23 03:31:50	1.40	37.2
2021-03-23 03:32:00	0.85	37.3
2021-03-23 03:32:10	1.19	37.9
2021-03-23 03:32:20	1.10	38.0
2021-03-23 03:32:30	0.77	38.4
2021-03-23 03:32:50	1.18	37.6
2021-03-23 03:33:00	1.71	37.6
2021-03-23 03:33:10	0.56	37.4
2021-03-23 03:33:30	0.92	37.8
2021-03-23 03:33:40	1.57	37.8
2021-03-23 03:33:50	0.63	38.1
2021-03-23 03:34:00	1.14	37.7
2021-03-23 03:34:10	1.43	37.5
2021-03-23 03:34:20	0.67	37.6
2021-03-23 03:34:30	1.25	38.3
2021-03-23 03:34:40	0.56	39.0
2021-03-23 03:34:50	0.55	38.9
2021-03-23 03:35:00	1.04	38.7
2021-03-23 03:35:10	0.67	37.8
2021-03-23 03:35:20	0.75	37.8
2021-03-23 03:35:30	1.25	37.9
2021-03-23 03:35:40	2.94	37.1
2021-03-23 03:35:50	1.53	38.2
2021-03-23 03:36:00	1.74	37.8
2021-03-23 03:36:10	1.19	37.9
2021-03-23 03:36:20	1.28	37.2
2021-03-23 03:36:30	1.34	37.8
2021-03-23 03:36:40	1.19	38.2
2021-03-23 03:36:50	1.22	38.1
2021-03-23 03:37:00	1.01	38.4
2021-03-23 03:37:10	0.83	38.6
2021-03-23 03:37:20	1.53	37.9
2021-03-23 03:37:30	0.85	38.4
2021-03-23 03:37:40	1.21	37.6
2021-03-23 03:37:50	1.37	37.7
2021-03-23 03:38:00	0.83	37.9
2021-03-23 03:38:10	0.88	38.4
2021-03-23 03:38:20	1.06	38.7
2021-03-23 03:38:30	1.12	38.3
2021-03-23 03:38:50	0.77	37.6
2021-03-23 03:39:20	0.99	37.8
2021-03-23 03:39:30	0.96	37.8

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 03:39:50	0.82	38.6
2021-03-23 03:40:30	1.10	37.8
2021-03-23 03:40:40	1.03	38.0
2021-03-23 03:40:50	0.87	37.6
2021-03-23 03:41:00	1.54	37.7
2021-03-23 03:41:10	1.20	37.5
2021-03-23 03:41:20	1.07	38.3
2021-03-23 03:41:30	1.20	37.5
2021-03-23 03:41:40	0.87	37.6
2021-03-23 03:42:10	0.95	38.4
2021-03-23 03:43:10	0.67	37.7
2021-03-23 03:43:20	0.86	37.8
2021-03-23 03:43:40	0.65	37.5
2021-03-23 03:44:00	0.66	38.0
2021-03-23 03:44:20	1.16	38.1
2021-03-23 03:44:30	0.89	38.1
2021-03-23 03:44:50	1.07	38.0
2021-03-23 03:45:00	1.13	38.2
2021-03-23 03:45:10	1.16	38.3
2021-03-23 03:45:20	0.58	38.2
2021-03-23 03:45:30	0.88	37.9
2021-03-23 03:45:40	0.57	39.1
2021-03-23 03:45:50	1.40	38.6
2021-03-23 03:46:00	1.07	38.0
2021-03-23 03:46:10	1.06	38.1
2021-03-23 03:46:20	1.02	37.5
2021-03-23 03:46:30	1.26	37.9
2021-03-23 03:46:40	1.17	38.1
2021-03-23 03:46:50	0.96	38.5
2021-03-23 03:47:00	0.83	38.7
2021-03-23 03:47:10	0.65	38.2
2021-03-23 03:47:20	0.91	38.4
2021-03-23 03:47:40	0.57	38.0
2021-03-23 03:47:50	0.85	38.7
2021-03-23 03:48:20	1.02	39.5
2021-03-23 03:48:30	0.90	39.3
2021-03-23 03:48:40	0.55	38.5
2021-03-23 03:50:40	1.15	39.3
2021-03-23 03:50:50	1.03	39.0
2021-03-23 03:51:00	0.97	38.3
2021-03-23 03:51:10	0.73	38.5
2021-03-23 03:51:40	0.75	38.6
2021-03-23 03:51:50	0.83	39.1
2021-03-23 03:52:00	1.01	39.3
2021-03-23 03:52:10	2.26	38.2
2021-03-23 03:52:20	2.08	37.9
2021-03-23 03:52:30	1.22	38.3
2021-03-23 03:52:40	0.68	38.1
2021-03-23 03:52:50	1.16	38.4

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 03:53:00	1.15	38.5
2021-03-23 03:53:10	0.93	38.1
2021-03-23 03:53:20	0.78	38.3
2021-03-23 03:53:30	0.56	38.3
2021-03-23 03:53:50	0.69	38.5
2021-03-23 03:54:00	1.12	38.4
2021-03-23 03:54:10	1.46	37.9
2021-03-23 03:54:20	0.84	37.9
2021-03-23 03:54:30	1.15	38.2
2021-03-23 03:54:40	1.22	38.3
2021-03-23 03:54:50	1.10	38.6
2021-03-23 03:55:10	0.55	39.1
2021-03-23 03:55:20	0.71	38.9
2021-03-23 03:55:30	0.66	38.5
2021-03-23 03:55:40	0.60	38.5
2021-03-23 03:56:00	0.57	37.8
2021-03-23 03:56:10	0.81	38.3
2021-03-23 03:56:20	1.30	38.1
2021-03-23 03:56:30	0.85	38.1
2021-03-23 03:56:40	0.63	38.9
2021-03-23 03:56:50	0.65	38.7
2021-03-23 03:57:00	0.78	38.9
2021-03-23 03:57:20	0.71	39.0
2021-03-23 03:57:40	0.73	38.4
2021-03-23 03:57:50	0.97	38.1
2021-03-23 03:58:00	0.84	38.3
2021-03-23 03:58:10	0.99	39.0
2021-03-23 03:58:20	0.93	38.9
2021-03-23 03:59:00	1.22	38.1
2021-03-23 03:59:10	1.04	39.0
2021-03-23 04:00:00	0.90	39.6
2021-03-23 04:00:10	0.71	38.8
2021-03-23 04:00:20	0.75	38.4
2021-03-23 04:00:30	0.71	37.8
2021-03-23 04:00:40	0.75	38.3
2021-03-23 04:00:50	0.96	38.6
2021-03-23 04:01:00	0.85	38.5
2021-03-23 04:01:10	0.59	38.2
2021-03-23 04:01:20	0.93	37.8
2021-03-23 04:01:30	0.91	38.4
2021-03-23 04:01:40	0.80	38.4
2021-03-23 04:02:00	0.77	37.9
2021-03-23 04:02:10	0.63	38.1
2021-03-23 04:02:30	0.78	38.4
2021-03-23 04:02:40	1.06	38.4
2021-03-23 04:02:50	0.98	38.6
2021-03-23 04:03:00	1.02	38.6
2021-03-23 04:03:10	0.76	39.1
2021-03-23 04:03:20	1.12	38.4

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 04:03:30	0.75	38.7
2021-03-23 04:03:40	1.04	39.1
2021-03-23 04:03:50	0.88	38.3
2021-03-23 04:04:00	0.71	38.1
2021-03-23 04:04:10	0.82	38.3
2021-03-23 04:04:20	0.91	38.5
2021-03-23 04:04:30	1.06	38.3
2021-03-23 04:04:40	0.75	38.6
2021-03-23 04:04:50	0.62	38.5
2021-03-23 04:05:30	0.94	38.3
2021-03-23 04:05:40	0.71	38.8
2021-03-23 04:06:10	1.11	38.6
2021-03-23 04:06:20	1.11	37.8
2021-03-23 04:06:30	0.89	38.3
2021-03-23 04:06:50	0.50	38.0
2021-03-23 04:07:00	0.63	38.0
2021-03-23 04:07:20	0.54	38.6
2021-03-23 04:07:30	0.76	38.4
2021-03-23 04:07:40	0.99	39.2
2021-03-23 04:08:50	0.58	38.4
2021-03-23 04:09:00	0.53	39.1
2021-03-23 04:10:40	1.13	39.2
2021-03-23 04:10:50	0.90	37.5
2021-03-23 04:11:00	0.89	38.6
2021-03-23 04:11:10	0.66	38.3
2021-03-23 04:11:20	0.73	38.5
2021-03-23 04:11:30	0.57	38.4
2021-03-23 04:11:40	0.54	39.3
2021-03-23 04:11:50	1.10	41.1
2021-03-23 04:13:10	0.78	40.5
2021-03-23 04:13:20	0.61	39.4
2021-03-23 04:13:30	0.63	39.0
2021-03-23 04:13:40	0.74	38.4
2021-03-23 04:13:50	0.56	37.9
2021-03-23 04:14:00	0.58	38.1
2021-03-23 04:14:40	0.70	38.6
2021-03-23 04:14:50	0.88	38.6
2021-03-23 04:15:00	0.64	38.3
2021-03-23 04:15:10	0.51	37.9
2021-03-23 04:15:30	1.19	39.2
2021-03-23 04:15:40	0.88	37.9
2021-03-23 04:15:50	1.53	37.9
2021-03-23 04:16:00	1.92	38.0
2021-03-23 04:16:10	1.35	38.0
2021-03-23 04:16:20	1.25	37.9
2021-03-23 04:16:30	0.80	37.7
2021-03-23 04:16:40	0.76	38.0
2021-03-23 04:16:50	1.19	38.4
2021-03-23 04:17:00	0.82	38.1

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 04:17:10	1.68	37.7
2021-03-23 04:17:20	0.75	37.4
2021-03-23 04:17:30	0.53	38.0
2021-03-23 04:17:40	0.74	37.8
2021-03-23 04:18:00	0.62	37.4
2021-03-23 04:18:10	0.77	37.3
2021-03-23 04:18:20	0.82	37.8
2021-03-23 04:18:30	0.64	37.9
2021-03-23 04:18:40	0.62	37.4
2021-03-23 04:18:50	0.91	37.7
2021-03-23 04:19:00	0.86	38.1
2021-03-23 04:19:10	0.81	37.8
2021-03-23 04:19:40	0.63	38.2
2021-03-23 04:20:00	0.51	38.1
2021-03-23 04:20:10	0.74	38.0
2021-03-23 04:20:20	0.80	37.5
2021-03-23 04:20:30	0.59	38.3
2021-03-23 04:20:40	1.08	37.9
2021-03-23 04:20:50	1.24	37.4
2021-03-23 04:21:00	1.36	37.6
2021-03-23 04:21:10	0.96	37.5
2021-03-23 04:21:20	0.71	37.5
2021-03-23 04:21:50	1.10	37.1
2021-03-23 04:22:00	1.47	37.8
2021-03-23 04:22:10	1.26	37.6
2021-03-23 04:22:20	1.13	37.8
2021-03-23 04:22:30	1.09	37.8
2021-03-23 04:22:40	1.19	38.5
2021-03-23 04:22:50	1.07	38.2
2021-03-23 04:23:00	0.60	37.9
2021-03-23 04:23:10	0.60	38.0
2021-03-23 04:23:30	0.59	38.6
2021-03-23 04:23:40	0.79	38.2
2021-03-23 04:24:10	0.56	38.1
2021-03-23 04:25:00	0.65	40.6
2021-03-23 04:25:10	0.57	38.4
2021-03-23 04:28:20	0.50	38.4
2021-03-23 04:28:30	0.81	38.8
2021-03-23 04:29:00	0.63	38.0
2021-03-23 04:29:10	0.66	38.9
2021-03-23 04:29:20	0.65	38.5
2021-03-23 04:29:30	0.77	38.7
2021-03-23 04:29:40	0.91	38.4
2021-03-23 04:29:50	0.61	37.5
2021-03-23 04:30:00	0.60	37.5
2021-03-23 04:30:10	0.92	37.0
2021-03-23 04:30:20	0.56	37.6
2021-03-23 04:30:30	1.35	37.2
2021-03-23 04:30:40	1.07	37.3

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 04:30:50	1.25	37.1
2021-03-23 04:31:00	1.26	37.6
2021-03-23 04:31:10	1.07	36.7
2021-03-23 04:31:20	1.45	37.2
2021-03-23 04:31:30	1.25	36.6
2021-03-23 04:31:40	0.87	37.1
2021-03-23 04:31:50	1.05	36.7
2021-03-23 04:32:00	1.51	37.1
2021-03-23 04:32:10	1.58	37.8
2021-03-23 04:32:20	1.09	37.8
2021-03-23 04:32:30	1.22	37.6
2021-03-23 04:32:40	1.53	37.9
2021-03-23 04:32:50	1.35	37.9
2021-03-23 04:33:00	1.55	37.2
2021-03-23 04:33:10	1.01	37.8
2021-03-23 04:33:20	0.57	37.6
2021-03-23 04:33:30	1.42	37.0
2021-03-23 04:33:40	1.25	37.1
2021-03-23 04:33:50	0.98	37.4
2021-03-23 04:34:00	1.14	37.7
2021-03-23 04:34:10	1.53	37.9
2021-03-23 04:34:40	1.19	38.8
2021-03-23 04:34:50	1.05	39.0
2021-03-23 04:35:00	0.91	39.4
2021-03-23 04:36:00	0.86	39.5
2021-03-23 04:36:10	0.94	38.5
2021-03-23 04:36:20	0.76	38.0
2021-03-23 04:36:30	1.15	38.0
2021-03-23 04:36:40	1.37	38.5
2021-03-23 04:36:50	1.79	37.7
2021-03-23 04:37:00	1.05	38.0
2021-03-23 04:37:10	1.26	37.7
2021-03-23 04:37:20	1.58	37.0
2021-03-23 04:37:30	1.33	37.4
2021-03-23 04:37:40	1.45	38.2
2021-03-23 04:37:50	2.01	38.3
2021-03-23 04:39:00	1.69	39.2
2021-03-23 04:39:10	1.18	38.2
2021-03-23 04:39:20	1.14	39.1
2021-03-23 04:40:20	1.25	38.2
2021-03-23 04:40:30	1.03	38.0
2021-03-23 04:40:40	0.53	38.1
2021-03-23 04:40:50	0.83	37.8
2021-03-23 04:41:00	1.18	38.1
2021-03-23 04:41:10	1.78	37.9
2021-03-23 04:41:20	2.01	37.4
2021-03-23 04:41:30	1.40	37.8
2021-03-23 04:41:40	0.78	37.0
2021-03-23 04:41:50	1.40	37.8

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 04:42:00	1.33	37.6
2021-03-23 04:42:10	1.44	37.4
2021-03-23 04:42:20	1.43	37.7
2021-03-23 04:42:30	0.97	37.6
2021-03-23 04:42:40	1.24	38.3
2021-03-23 04:42:50	2.26	38.1
2021-03-23 04:45:40	1.27	38.3
2021-03-23 04:45:50	0.99	38.6
2021-03-23 04:46:00	1.21	38.3
2021-03-23 04:46:10	0.96	38.4
2021-03-23 04:46:20	0.53	38.8
2021-03-23 04:46:30	0.77	38.2
2021-03-23 04:46:40	0.98	38.1
2021-03-23 04:46:50	1.34	37.9
2021-03-23 04:47:00	1.39	38.3
2021-03-23 04:47:10	1.14	38.1
2021-03-23 04:47:20	0.65	39.9
2021-03-23 04:47:30	1.40	40.6
2021-03-23 04:47:40	2.09	39.1
2021-03-23 04:47:50	0.90	38.7
2021-03-23 04:48:00	0.68	38.3
2021-03-23 04:48:10	1.08	38.9
2021-03-23 04:49:30	0.97	38.7
2021-03-23 04:49:50	0.79	38.9
2021-03-23 04:50:50	1.17	39.1
2021-03-23 04:51:00	0.94	38.1
2021-03-23 04:51:10	0.89	38.6
2021-03-23 04:51:20	0.84	39.3
2021-03-23 04:51:30	1.27	39.0
2021-03-23 04:51:40	1.73	38.1
2021-03-23 04:51:50	1.31	38.2
2021-03-23 04:52:00	0.95	38.9
2021-03-23 04:52:10	1.12	38.7
2021-03-23 04:53:00	1.16	39.9
2021-03-23 04:53:10	1.07	39.1
2021-03-23 04:53:20	0.98	39.1
2021-03-23 04:53:30	1.23	38.7
2021-03-23 04:53:40	1.15	38.3
2021-03-23 04:53:50	1.00	37.8
2021-03-23 04:55:00	0.84	39.3
2021-03-23 04:55:50	1.06	38.7
2021-03-23 04:56:00	1.17	39.0
2021-03-23 04:56:10	1.68	38.8
2021-03-23 04:56:20	1.27	38.3
2021-03-23 04:56:30	1.40	37.6
2021-03-23 04:56:40	1.42	38.2
2021-03-23 04:56:50	1.01	38.4
2021-03-23 04:57:00	0.83	39.2
2021-03-23 04:58:20	0.82	38.5

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-23 04:58:30	0.73	37.9
2021-03-23 04:58:40	0.84	38.3
2021-03-23 04:58:50	1.56	38.0
2021-03-23 04:59:00	1.54	37.3
2021-03-23 04:59:10	1.03	37.8
2021-03-23 04:59:20	0.89	37.8
2021-03-23 04:59:30	0.92	37.8
2021-03-24 22:00:50	2.58	40.2
2021-03-24 22:01:10	2.59	41.2
2021-03-24 22:01:40	6.28	41.1
2021-03-24 22:01:50	4.59	42.6
2021-03-24 22:02:10	5.36	42.7
2021-03-24 22:02:20	4.73	39.9
2021-03-24 22:02:30	2.85	39.8
2021-03-24 22:02:40	1.53	38.9
2021-03-24 22:02:50	3.36	42.1
2021-03-24 22:03:00	4.90	40.6
2021-03-24 22:03:10	3.40	41.0
2021-03-24 22:03:40	5.04	40.9
2021-03-24 22:03:50	5.34	41.3
2021-03-24 22:04:00	5.50	41.9
2021-03-24 22:04:20	5.64	43.2
2021-03-24 22:04:30	6.23	41.8
2021-03-24 22:04:40	3.84	40.9
2021-03-24 22:04:50	3.34	40.7
2021-03-24 22:05:50	6.89	42.4
2021-03-24 22:06:00	5.90	48.2
2021-03-24 22:06:20	6.76	43.5
2021-03-24 22:06:50	5.87	41.8
2021-03-24 22:07:00	5.29	40.6
2021-03-24 22:07:20	2.86	39.1
2021-03-24 22:07:30	4.45	39.4
2021-03-24 22:07:40	1.66	40.5
2021-03-24 22:07:50	2.49	40.0
2021-03-24 22:08:00	3.68	41.6
2021-03-24 22:41:50	6.91	51.0
2021-03-24 22:42:50	6.06	47.0
2021-03-24 22:43:00	5.48	45.3
2021-03-24 22:43:10	4.93	45.4
2021-03-24 22:43:20	5.93	46.6
2021-03-24 22:43:40	5.74	48.4
2021-03-24 22:43:50	7.33	46.3
2021-03-24 22:44:00	5.56	48.4
2021-03-24 22:45:00	4.63	43.9
2021-03-24 22:45:40	5.64	43.4
2021-03-24 22:45:50	6.56	49.9
2021-03-24 22:46:20	6.14	45.1
2021-03-25 01:36:00	3.72	42.6
2021-03-25 01:38:30	5.77	46.1

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-25 01:38:50	5.90	42.8
2021-03-25 01:40:00	4.56	45.9
2021-03-25 01:40:20	4.41	43.6
2021-03-25 01:40:30	3.81	39.9
2021-03-25 01:40:40	4.12	41.9
2021-03-25 01:40:50	4.07	45.4
2021-03-25 03:37:00	5.01	42.3
2021-03-25 03:37:10	4.52	41.3
2021-03-25 03:48:30	4.97	44.9
2021-03-25 03:50:30	3.80	41.0
2021-03-25 03:54:20	4.57	42.2
2021-03-25 03:55:20	7.01	44.8
2021-03-25 03:56:30	4.90	40.5
2021-03-25 04:55:30	4.16	40.6
2021-03-29 22:35:00	1.38	40.5
2021-03-29 22:35:20	4.63	41.4
2021-03-29 22:35:30	6.89	39.5
2021-03-29 22:35:40	4.05	41.1
2021-03-29 22:35:50	2.12	41.6
2021-03-29 22:37:20	1.74	41.8
2021-03-29 22:37:30	2.77	41.0
2021-03-29 22:37:40	3.26	40.5
2021-03-29 22:37:50	1.78	40.2
2021-03-29 22:38:00	1.34	40.3
2021-03-29 22:38:10	4.13	39.7
2021-03-29 22:38:20	3.05	39.8
2021-03-29 22:38:30	1.91	40.9
2021-03-29 22:38:40	3.73	41.4
2021-03-29 22:38:50	2.10	40.4
2021-03-29 22:39:00	1.68	41.1
2021-03-29 22:39:10	2.91	40.5
2021-03-29 22:39:20	2.22	40.1
2021-03-29 22:39:30	2.48	40.7
2021-03-29 22:39:40	1.98	40.4
2021-03-29 22:39:50	1.25	39.9
2021-03-29 22:40:00	1.15	39.7
2021-03-29 22:40:10	1.13	39.7
2021-03-29 22:40:20	2.48	40.2
2021-03-29 22:40:30	2.21	41.2
2021-03-29 22:40:40	4.06	40.6
2021-03-29 22:40:50	2.13	41.8
2021-03-29 22:41:00	2.18	39.9
2021-03-29 22:41:10	5.16	40.0
2021-03-29 22:41:20	2.72	40.0
2021-03-29 22:41:30	1.76	40.0
2021-03-29 22:41:40	1.79	40.4
2021-03-29 22:41:50	2.77	40.5
2021-03-29 22:42:10	4.23	41.1
2021-03-29 22:43:00	0.75	41.6

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-29 22:43:10	3.19	41.4
2021-03-29 22:43:20	3.04	41.6
2021-03-29 22:43:30	1.74	41.0
2021-03-29 22:43:40	3.27	39.7
2021-03-29 22:43:50	2.66	42.7
2021-03-29 22:44:10	3.88	41.0
2021-03-29 22:44:20	3.13	40.6
2021-03-29 22:44:30	2.16	42.9
2021-03-29 22:44:40	3.60	43.0
2021-03-29 22:44:50	4.81	39.5
2021-03-29 22:45:00	3.33	39.9
2021-03-29 22:45:10	3.00	40.4
2021-03-29 22:45:20	3.89	40.6
2021-03-29 22:45:30	2.99	41.4
2021-03-29 22:45:40	2.32	39.7
2021-03-29 22:45:50	5.13	39.5
2021-03-29 22:46:00	3.14	41.4
2021-03-29 22:46:20	5.67	41.9
2021-03-29 22:46:30	5.61	40.8
2021-03-29 22:46:40	3.90	39.8
2021-03-29 22:46:50	2.66	41.0
2021-03-29 22:47:00	4.32	44.7
2021-03-29 22:47:10	4.99	42.1
2021-03-29 22:47:20	4.98	40.3
2021-03-29 22:47:30	3.27	40.6
2021-03-29 22:47:40	4.27	41.8
2021-03-29 22:47:50	3.89	41.6
2021-03-29 22:48:50	4.00	40.4
2021-03-29 22:49:00	2.33	41.4
2021-03-29 22:49:40	5.23	39.9
2021-03-29 22:50:00	5.03	40.3
2021-03-29 22:50:10	4.42	39.5
2021-03-29 22:50:20	2.65	39.4
2021-03-29 22:50:30	3.04	39.4
2021-03-29 22:50:40	1.30	40.0
2021-03-29 22:50:50	2.77	40.8
2021-03-29 22:51:00	4.46	42.2
2021-03-29 22:51:10	3.87	40.9
2021-03-29 22:51:40	5.61	41.5
2021-03-29 22:51:50	4.63	40.2
2021-03-29 22:52:00	5.52	39.9
2021-03-29 22:52:10	4.25	40.0
2021-03-29 22:52:30	3.56	42.8
2021-03-29 22:52:40	3.73	43.0
2021-03-29 22:53:10	6.35	41.2
2021-03-29 22:53:20	5.42	40.2
2021-03-29 22:53:30	3.55	40.7
2021-03-29 22:53:40	3.27	40.8
2021-03-29 22:53:50	3.16	40.0

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-29 22:54:00	1.27	39.4
2021-03-29 22:54:10	0.71	40.1
2021-03-29 22:54:20	2.09	40.0
2021-03-29 22:54:30	3.97	39.4
2021-03-29 22:55:00	5.06	42.3
2021-03-29 22:55:20	5.42	42.2
2021-03-29 22:55:30	3.65	40.3
2021-03-29 22:55:50	4.06	40.6
2021-03-29 22:56:10	5.90	42.3
2021-03-29 22:56:20	5.34	41.5
2021-03-29 22:56:30	4.63	40.6
2021-03-29 22:56:40	3.14	41.5
2021-03-29 22:57:00	4.33	40.3
2021-03-29 22:57:10	3.74	39.6
2021-03-29 22:57:20	3.71	42.2
2021-03-29 22:57:30	4.78	39.1
2021-03-29 22:57:40	3.40	39.4
2021-03-29 22:57:50	2.98	42.5
2021-03-29 22:58:10	5.63	41.5
2021-03-29 22:58:20	5.63	42.3
2021-03-29 22:58:30	4.77	41.7
2021-03-29 22:58:50	3.78	42.1
2021-03-29 22:59:00	5.44	39.8
2021-03-29 22:59:10	2.70	40.7
2021-03-29 22:59:40	4.95	39.6
2021-03-29 22:59:50	3.55	39.9
2021-03-29 23:00:00	2.46	39.8
2021-03-29 23:00:10	3.23	39.4
2021-03-29 23:35:20	7.36	41.3
2021-03-29 23:35:30	5.52	42.7
2021-03-29 23:35:40	3.13	42.2
2021-03-29 23:35:50	3.93	42.0
2021-03-29 23:37:10	6.20	41.9
2021-03-29 23:39:20	5.37	40.6
2021-03-29 23:39:30	3.41	40.6
2021-03-29 23:39:40	3.33	40.5
2021-03-29 23:39:50	2.71	40.4
2021-03-29 23:41:10	7.18	41.7
2021-03-29 23:42:50	6.75	44.1
2021-03-29 23:43:50	5.32	42.8
2021-03-29 23:44:00	5.79	41.3
2021-03-29 23:44:50	4.94	41.6
2021-03-29 23:45:00	4.98	43.1
2021-03-29 23:45:20	4.98	43.5
2021-03-29 23:47:00	4.69	42.8
2021-03-29 23:47:10	5.00	41.8
2021-03-29 23:47:40	5.25	42.7
2021-03-29 23:47:50	5.80	40.1
2021-03-29 23:48:40	4.24	41.9

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-29 23:48:50	5.35	41.3
2021-03-29 23:49:20	4.83	40.9
2021-03-29 23:49:30	4.76	41.1
2021-03-29 23:51:10	6.04	42.9
2021-03-29 23:51:20	4.63	42.5
2021-03-29 23:51:50	6.41	40.8
2021-03-29 23:52:00	5.45	41.8
2021-03-29 23:52:10	1.91	41.0
2021-03-29 23:52:40	4.43	41.2
2021-03-29 23:52:50	4.88	41.5
2021-03-29 23:53:30	6.73	45.5
2021-03-29 23:54:20	6.64	40.9
2021-03-29 23:54:30	4.87	41.4
2021-03-29 23:54:40	4.13	42.1
2021-03-29 23:54:50	3.48	42.6
2021-03-29 23:55:00	4.88	43.0
2021-03-29 23:55:10	5.12	39.9
2021-03-29 23:55:20	2.80	39.5
2021-03-29 23:55:30	1.66	40.5
2021-03-29 23:55:50	2.21	42.9
2021-03-29 23:57:10	5.41	43.2
2021-03-29 23:57:20	5.70	42.9
2021-03-29 23:57:30	3.50	42.7
2021-03-29 23:57:50	6.65	43.1
2021-03-29 23:58:00	5.12	43.4
2021-03-29 23:59:50	6.36	44.1
2021-03-30 00:00:00	5.56	39.6
2021-03-30 00:00:10	4.75	40.1
2021-03-30 00:34:50	6.18	44.4
2021-03-30 00:35:00	4.79	43.6
2021-03-30 00:35:10	4.19	43.5
2021-03-30 00:35:50	6.30	44.3
2021-03-30 00:37:00	6.88	42.6
2021-03-30 00:37:10	5.27	43.5
2021-03-30 00:37:20	5.77	46.9
2021-03-30 00:41:10	3.71	45.5
2021-03-30 00:41:20	4.28	43.6
2021-03-30 00:41:30	4.91	45.4
2021-03-30 00:42:40	4.85	43.4
2021-03-30 00:43:40	6.63	43.2
2021-03-30 00:44:30	6.70	43.7
2021-03-30 00:44:40	5.34	44.4
2021-03-30 00:45:10	6.75	42.1
2021-03-30 00:45:20	6.24	41.7
2021-03-30 00:45:30	1.87	42.8
2021-03-30 00:45:40	2.91	43.1
2021-03-30 00:46:10	6.29	41.8
2021-03-30 00:46:20	4.45	42.0
2021-03-30 00:46:30	4.00	43.6

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-30 00:46:40	4.36	43.5
2021-03-30 00:47:20	5.84	43.5
2021-03-30 00:50:50	2.30	43.5
2021-03-30 00:51:00	2.57	42.8
2021-03-30 00:52:00	6.50	41.2
2021-03-30 00:52:10	4.90	41.2
2021-03-30 00:52:20	3.66	41.7
2021-03-30 00:52:30	2.99	40.6
2021-03-30 00:52:40	3.49	40.3
2021-03-30 00:52:50	2.55	42.6
2021-03-30 00:53:00	2.44	41.7
2021-03-30 00:53:10	3.87	41.6
2021-03-30 00:54:10	5.55	41.8
2021-03-30 00:54:20	4.91	42.0
2021-03-30 00:55:20	6.43	41.7
2021-03-30 00:55:30	5.05	42.2
2021-03-30 00:55:40	3.84	41.9
2021-03-30 00:56:40	5.35	41.3
2021-03-30 00:57:00	4.56	42.3
2021-03-30 00:57:20	4.40	41.3
2021-03-30 00:57:30	5.66	41.3
2021-03-30 00:57:40	6.01	42.9
2021-03-30 00:57:50	5.04	42.9
2021-03-30 00:58:00	4.50	41.3
2021-03-30 00:58:20	2.63	43.1
2021-03-30 00:58:30	6.15	41.9
2021-03-30 00:58:40	4.42	41.6
2021-03-30 00:59:20	6.59	40.7
2021-03-30 00:59:30	3.40	41.9
2021-03-30 00:59:40	3.13	42.0
2021-03-30 00:59:50	2.30	42.3
2021-03-30 01:34:30	5.34	40.8
2021-03-30 01:34:40	4.71	40.8
2021-03-30 01:34:50	1.85	41.3
2021-03-30 01:35:40	4.70	41.2
2021-03-30 01:35:50	4.78	41.5
2021-03-30 01:36:10	3.72	42.0
2021-03-30 01:37:50	4.14	43.4
2021-03-30 01:38:00	2.61	43.0
2021-03-30 01:38:10	3.49	43.4
2021-03-30 01:38:20	4.94	42.7
2021-03-30 01:38:50	6.02	44.1
2021-03-30 01:39:00	2.05	43.5
2021-03-30 01:42:10	5.57	44.5
2021-03-30 01:42:20	3.21	44.1
2021-03-30 01:43:30	4.77	43.6
2021-03-30 01:45:40	5.74	43.8
2021-03-30 01:46:00	4.97	45.9
2021-03-30 01:46:50	5.47	46.2

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-30 01:47:00	4.68	46.2
2021-03-30 01:47:50	5.19	44.2
2021-03-30 01:48:00	6.50	43.7
2021-03-30 01:48:10	3.89	45.0
2021-03-30 01:48:20	2.48	44.6
2021-03-30 01:48:30	3.85	44.1
2021-03-30 01:49:30	3.49	45.3
2021-03-30 01:51:10	4.44	43.6
2021-03-30 01:51:20	5.48	42.6
2021-03-30 01:51:40	3.58	44.7
2021-03-30 01:51:50	4.64	43.6
2021-03-30 01:52:20	5.28	44.1
2021-03-30 01:52:50	6.84	44.1
2021-03-30 01:54:20	6.81	44.6
2021-03-30 01:54:30	5.00	44.1
2021-03-30 01:55:10	6.08	44.1
2021-03-30 01:55:30	4.62	43.0
2021-03-30 01:55:40	4.60	43.2
2021-03-30 01:55:50	1.81	43.7
2021-03-30 01:56:50	3.87	43.1
2021-03-30 01:57:10	4.63	41.5
2021-03-30 01:57:50	3.67	42.8
2021-03-30 01:58:00	4.34	41.9
2021-03-30 01:58:10	1.80	41.0
2021-03-30 01:59:10	5.53	42.6
2021-03-30 01:59:30	4.11	42.6
2021-03-30 01:59:50	3.21	43.8
2021-03-30 02:00:00	4.58	43.0
2021-03-30 02:34:30	5.58	41.2
2021-03-30 02:34:40	5.61	40.9
2021-03-30 02:34:50	5.10	44.3
2021-03-30 02:35:10	5.43	43.3
2021-03-30 02:35:20	4.55	45.5
2021-03-30 02:37:10	5.22	43.0
2021-03-30 02:38:10	5.34	43.8
2021-03-30 02:38:30	5.77	43.0
2021-03-30 02:43:20	7.46	42.2
2021-03-30 02:43:40	5.53	42.9
2021-03-30 02:44:30	6.33	42.4
2021-03-30 02:44:40	5.06	42.4
2021-03-30 02:46:50	4.32	45.0
2021-03-30 02:47:10	6.00	43.3
2021-03-30 02:49:20	6.39	44.7
2021-03-30 02:50:00	7.11	45.5
2021-03-30 02:53:00	6.65	42.9
2021-03-30 02:58:40	5.38	44.5
2021-03-30 02:58:50	3.90	45.6
2021-03-30 02:59:10	4.75	43.7
2021-03-30 03:00:00	7.35	45.3

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-30 03:43:40	6.83	43.2
2021-03-30 03:48:30	5.69	44.4
2021-03-30 03:52:30	5.94	44.6
2021-03-30 03:58:50	7.02	45.2
2021-03-30 04:34:50	6.81	45.6
2021-03-30 04:35:00	5.42	47.1
2021-03-30 04:35:10	4.09	47.0
2021-03-30 04:37:30	5.74	45.8
2021-03-30 04:38:30	6.93	45.6
2021-03-30 04:38:40	4.83	45.6
2021-03-30 04:41:30	6.38	44.1
2021-03-30 04:41:40	5.32	45.7
2021-03-30 04:41:50	2.16	46.1
2021-03-30 04:42:00	2.68	45.8
2021-03-30 04:42:10	2.66	45.9
2021-03-30 04:42:20	1.76	47.3
2021-03-30 04:42:30	3.08	46.4
2021-03-30 04:49:20	6.02	45.1
2021-03-30 04:49:30	3.30	45.4
2021-03-30 04:49:40	2.59	43.8
2021-03-30 04:53:10	6.33	43.4
2021-03-30 04:53:20	6.56	44.8
2021-03-30 04:53:30	4.91	45.0
2021-03-30 04:54:00	7.22	45.5
2021-03-30 04:54:30	5.61	44.4
2021-03-30 04:54:40	5.57	43.2
2021-03-30 04:55:10	6.97	43.5
2021-03-30 04:55:20	6.34	43.8
2021-03-30 04:55:50	6.64	46.0
2021-03-30 04:58:10	6.75	43.4
2021-03-30 04:59:40	7.27	41.8
2021-03-30 22:00:00	6.36	46.8
2021-03-30 22:00:10	6.89	48.0
2021-04-03 22:34:50	1.10	38.8
2021-04-03 22:35:00	0.89	38.6
2021-04-03 22:35:10	0.76	38.7
2021-04-03 22:35:40	0.83	38.8
2021-04-03 22:35:50	1.01	39.0
2021-04-03 22:36:00	0.63	39.4
2021-04-03 22:36:10	0.75	39.9
2021-04-03 22:36:20	1.73	39.8
2021-04-03 22:36:30	1.26	39.4
2021-04-03 22:36:50	1.22	38.6
2021-04-03 22:37:00	1.09	38.8
2021-04-03 22:37:10	1.18	38.8
2021-04-03 22:37:20	1.33	38.5
2021-04-03 22:37:40	0.78	38.6
2021-04-03 22:37:50	1.14	38.3
2021-04-03 22:38:00	0.95	38.8

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-03 22:38:10	0.50	39.9
2021-04-03 22:38:20	1.17	39.6
2021-04-03 22:38:30	1.39	38.9
2021-04-03 22:38:40	1.74	39.3
2021-04-03 22:38:50	1.32	39.2
2021-04-03 22:39:00	1.16	38.4
2021-04-03 22:39:10	1.21	38.5
2021-04-03 22:39:30	1.75	39.8
2021-04-03 22:39:40	1.28	39.4
2021-04-03 22:39:50	1.53	39.1
2021-04-03 22:40:00	0.97	38.5
2021-04-03 22:40:10	1.10	39.2
2021-04-03 22:41:30	1.25	39.4
2021-04-03 22:41:40	2.70	38.8
2021-04-03 22:41:50	1.81	39.5
2021-04-03 22:42:00	1.28	39.6
2021-04-03 22:42:30	0.97	38.9
2021-04-10 00:34:50	1.62	38.6
2021-04-10 00:35:00	1.96	39.4
2021-04-10 00:45:20	1.01	40.4
2021-04-10 00:47:40	3.54	40.0
2021-04-10 01:35:10	1.15	38.8
2021-04-10 01:35:20	1.06	39.4
2021-04-10 01:36:00	1.50	39.4
2021-04-10 01:36:20	1.33	38.9
2021-04-10 01:36:30	1.12	39.1
2021-04-10 01:36:40	0.81	39.3
2021-04-10 01:37:50	2.10	39.1
2021-04-10 01:41:50	1.63	39.6
2021-04-10 01:42:20	0.93	39.2
2021-04-10 01:46:30	1.61	39.1
2021-04-10 01:48:10	0.62	39.1
2021-04-10 01:48:20	0.78	38.9
2021-04-10 01:48:30	0.53	39.1
2021-04-10 01:49:00	1.04	39.2
2021-04-10 01:49:10	1.45	38.7
2021-04-10 01:54:30	0.53	39.4
2021-04-10 02:00:10	1.19	39.1
2021-04-10 02:35:30	1.67	38.7
2021-04-10 02:36:30	1.63	38.8
2021-04-10 02:36:50	0.73	38.7
2021-04-10 02:37:50	1.13	39.2
2021-04-10 02:41:40	3.02	38.5
2021-04-10 02:43:50	0.83	39.2
2021-04-10 02:44:30	0.93	38.8
2021-04-10 02:44:50	0.85	38.7
2021-04-10 02:45:00	1.11	38.9
2021-04-10 02:46:30	1.10	38.3
2021-04-10 02:46:40	0.84	37.8

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-10 02:46:50	1.27	39.0
2021-04-10 02:48:10	1.05	39.4
2021-04-10 02:48:50	1.46	39.2
2021-04-10 02:49:00	1.50	39.0
2021-04-10 02:49:10	1.15	38.4
2021-04-10 02:49:20	1.36	39.2
2021-04-10 02:49:30	0.68	39.1
2021-04-10 02:51:20	0.74	39.1
2021-04-10 02:51:50	2.37	38.6
2021-04-10 02:52:00	1.56	38.5
2021-04-10 02:52:10	1.63	38.7
2021-04-10 02:52:20	1.76	38.7
2021-04-10 02:52:30	2.18	38.7
2021-04-10 02:56:30	1.61	39.7
2021-04-10 02:59:20	2.82	39.4
2021-04-10 03:41:30	2.53	39.6
2021-04-10 03:47:40	2.82	39.1
2021-04-10 03:50:10	1.32	38.8
2021-04-10 03:58:20	2.19	39.7
2021-04-10 03:58:30	1.78	39.1
2021-04-10 03:59:00	2.31	39.8
2021-04-10 04:00:20	0.64	40.7
2021-04-10 04:00:30	1.54	40.7
2021-04-10 04:35:00	2.67	38.4
2021-04-10 04:35:10	3.09	39.5
2021-04-10 04:35:20	4.49	40.3
2021-04-10 04:35:40	3.76	39.7
2021-04-10 04:38:00	5.26	38.7
2021-04-10 04:40:10	1.71	40.0
2021-04-10 04:40:20	2.67	40.8
2021-04-10 04:40:30	3.59	42.5
2021-04-10 04:41:20	2.83	41.3
2021-04-10 04:41:30	2.80	39.7
2021-04-10 04:43:20	3.06	41.2
2021-04-10 04:43:40	3.29	41.2
2021-04-10 04:45:00	2.16	40.6
2021-04-10 04:45:10	1.88	40.0
2021-04-10 04:45:20	2.20	39.9
2021-04-10 04:45:30	2.20	40.9
2021-04-10 04:45:40	2.38	40.8
2021-04-10 04:50:00	0.82	39.3
2021-04-10 04:50:40	0.94	40.7
2021-04-10 04:52:00	0.96	40.6
2021-04-10 04:52:10	1.78	40.7
2021-04-10 04:52:40	1.52	41.1
2021-04-10 04:54:20	2.36	41.0
2021-04-10 04:54:30	3.39	40.9
2021-04-10 04:54:40	3.29	40.7
2021-04-10 04:54:50	2.83	42.9

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-10 04:56:00	1.04	39.4
2021-04-10 04:56:20	2.64	39.5
2021-04-10 04:57:00	3.34	39.6
2021-04-10 04:58:20	1.59	40.4
2021-04-10 04:58:30	2.11	41.2
2021-04-10 04:58:50	1.63	40.6
2021-04-23 02:14:10	2.96	38.7
2021-04-23 02:14:30	2.83	38.9
2021-04-23 02:47:40	3.48	40.4
2021-04-23 02:53:00	3.22	37.6
2021-04-23 02:54:40	2.73	37.5
2021-04-23 02:54:50	2.51	37.5
2021-04-23 02:55:00	2.76	37.8
2021-04-23 02:55:10	3.08	40.0
2021-04-23 02:57:00	2.94	39.4
2021-04-23 02:57:10	3.03	39.1
2021-04-23 02:57:20	3.41	38.2
2021-04-23 02:57:30	3.44	37.5
2021-04-23 02:57:40	3.59	41.4
2021-04-23 02:58:20	3.19	39.5
2021-04-23 02:59:40	3.73	38.1
2021-04-23 02:59:50	3.21	40.0
2021-04-23 03:00:00	3.10	42.1
2021-04-23 03:00:10	3.29	40.7
2021-04-23 03:00:20	3.81	39.2
2021-04-23 03:05:20	3.55	40.5
2021-04-23 03:05:30	3.74	40.5
2021-04-23 03:05:40	3.70	40.4
2021-04-23 03:05:50	3.28	39.2
2021-04-23 23:08:20	3.09	38.9
2021-05-01 22:07:10	6.44	50.8
2021-05-01 22:16:10	5.71	50.4
2021-05-01 22:16:30	5.88	48.1
2021-05-01 22:16:40	5.68	48.3
2021-05-01 22:19:20	6.01	50.2
2021-05-01 22:23:40	6.02	50.3
2021-05-01 22:32:00	4.70	45.4
2021-05-01 22:37:20	5.73	50.3
2021-05-01 22:39:10	5.90	50.4
2021-05-01 22:46:20	4.97	46.1
2021-05-01 22:48:30	5.46	48.7
2021-05-01 22:48:50	5.72	46.9
2021-05-01 22:49:20	6.06	49.3
2021-05-01 22:49:30	6.41	47.9
2021-05-01 22:55:00	5.27	48.9
2021-05-01 23:00:40	6.03	50.4
2021-05-01 23:03:50	6.11	45.7
2021-05-01 23:04:10	4.84	45.7
2021-05-01 23:05:00	5.39	44.2

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-01 23:05:30	5.59	48.0
2021-05-01 23:06:00	5.67	48.6
2021-05-01 23:10:20	5.89	50.7
2021-05-01 23:14:00	5.05	42.9
2021-05-01 23:14:50	5.13	44.5
2021-05-01 23:20:00	5.54	43.7
2021-05-01 23:20:50	5.61	42.6
2021-05-01 23:22:40	5.64	47.1
2021-05-01 23:22:50	4.83	45.3
2021-05-01 23:23:50	4.75	44.2
2021-05-01 23:25:00	4.58	42.9
2021-05-01 23:26:00	3.94	42.1
2021-05-01 23:28:10	4.53	41.2
2021-05-01 23:28:20	4.30	41.9
2021-05-01 23:28:30	4.27	42.4
2021-05-01 23:29:20	5.85	46.8
2021-05-01 23:29:50	4.08	42.4
2021-05-01 23:30:00	3.98	41.8
2021-05-01 23:30:30	5.23	47.8
2021-05-01 23:31:10	4.68	44.1
2021-05-01 23:31:20	4.75	44.2
2021-05-01 23:33:00	4.53	44.2
2021-05-01 23:35:10	5.36	42.9
2021-05-01 23:36:30	5.58	49.3
2021-05-01 23:37:00	5.46	45.1
2021-05-01 23:37:10	4.97	45.8
2021-05-01 23:37:20	5.30	45.4
2021-05-01 23:37:50	5.92	47.9
2021-05-01 23:39:30	5.76	46.5
2021-05-01 23:39:40	4.82	45.9
2021-05-01 23:39:50	4.68	48.1
2021-05-01 23:40:30	5.52	44.4
2021-05-01 23:40:50	5.78	44.4
2021-05-01 23:41:00	5.34	47.9
2021-05-01 23:41:30	5.87	44.8
2021-05-01 23:41:50	4.72	45.4
2021-05-01 23:42:50	4.26	45.4
2021-05-01 23:43:20	4.92	42.6
2021-05-01 23:43:30	4.60	42.7
2021-05-01 23:47:00	4.77	43.6
2021-05-01 23:47:10	5.00	47.5
2021-05-01 23:47:30	5.61	44.9
2021-05-01 23:48:40	4.92	43.0
2021-05-01 23:49:00	4.28	42.8
2021-05-01 23:49:10	4.27	42.5
2021-05-01 23:49:20	4.23	42.6
2021-05-01 23:49:30	4.80	42.7
2021-05-01 23:51:20	3.86	42.0
2021-05-01 23:51:30	3.89	40.7

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-01 23:51:40	3.72	41.6
2021-05-01 23:51:50	3.77	41.2
2021-05-01 23:52:50	4.47	41.3
2021-05-01 23:53:00	3.67	42.5
2021-05-01 23:53:10	3.76	42.2
2021-05-01 23:53:20	3.84	43.3
2021-05-01 23:53:40	3.84	42.8
2021-05-01 23:53:50	4.00	41.4
2021-05-01 23:54:00	3.26	42.2
2021-05-01 23:54:10	3.51	42.7
2021-05-01 23:54:20	4.18	41.4
2021-05-01 23:54:40	4.63	46.5
2021-05-01 23:54:50	5.88	45.0
2021-05-01 23:55:30	4.74	43.0
2021-05-01 23:58:20	4.37	42.4
2021-05-01 23:58:40	4.18	41.8
2021-05-01 23:59:30	3.75	41.9
2021-05-02 00:00:50	4.16	42.0
2021-05-02 00:01:00	4.08	41.4
2021-05-02 00:01:20	3.70	41.3
2021-05-02 00:01:30	3.68	41.7
2021-05-02 00:01:50	4.27	41.5
2021-05-02 00:02:00	3.91	41.2
2021-05-02 00:02:10	3.81	40.9
2021-05-02 00:02:30	3.65	40.0
2021-05-02 00:03:20	4.14	41.8
2021-05-02 00:03:30	3.95	42.9
2021-05-02 00:04:00	4.93	45.4
2021-05-02 00:04:10	4.89	46.2
2021-05-02 00:06:30	4.48	42.8
2021-05-02 00:07:00	3.90	42.5
2021-05-02 00:07:10	4.12	41.5
2021-05-02 00:07:30	4.74	42.6
2021-05-02 00:07:40	4.03	41.3
2021-05-02 00:07:50	4.02	44.0
2021-05-02 00:08:30	5.17	43.4
2021-05-02 00:08:50	4.78	42.4
2021-05-02 00:09:10	3.92	41.3
2021-05-02 00:10:00	5.18	44.8
2021-05-02 00:11:00	3.69	40.9
2021-05-02 00:11:20	4.45	42.1
2021-05-02 00:11:30	4.66	42.5
2021-05-02 00:12:20	3.77	42.2
2021-05-02 00:12:40	4.68	42.1
2021-05-02 00:12:50	3.94	42.0
2021-05-02 00:13:00	4.22	41.8
2021-05-02 00:13:30	5.29	44.4
2021-05-02 00:14:00	6.16	45.5
2021-05-02 00:14:20	6.01	46.7

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-02 00:14:30	5.97	47.3
2021-05-02 00:14:40	5.37	47.8
2021-05-02 00:14:50	5.84	45.5
2021-05-02 00:15:00	5.28	44.9
2021-05-02 00:15:40	4.69	41.7
2021-05-02 00:16:00	5.01	43.0
2021-05-02 00:16:30	4.72	40.9
2021-05-02 00:17:00	4.56	43.0
2021-05-02 00:17:10	3.72	40.7
2021-05-02 00:17:30	4.44	41.3
2021-05-02 00:17:40	3.84	42.4
2021-05-02 00:17:50	3.96	42.1
2021-05-02 00:18:00	4.07	42.5
2021-05-02 00:18:40	5.41	42.3
2021-05-02 00:18:50	4.66	41.7
2021-05-02 00:19:10	4.77	42.3
2021-05-02 00:20:20	4.66	41.9
2021-05-02 00:20:30	3.96	42.8
2021-05-02 00:21:50	6.25	47.3
2021-05-02 00:22:00	5.75	42.4
2021-05-02 00:22:10	4.58	41.1
2021-05-02 00:22:30	4.37	42.8
2021-05-02 00:23:20	4.44	41.1
2021-05-02 00:23:30	4.09	39.9
2021-05-02 00:23:50	3.68	39.9
2021-05-02 00:25:40	3.47	42.1
2021-05-02 00:26:00	3.85	41.3
2021-05-02 00:26:10	3.67	40.5
2021-05-02 00:26:20	4.33	45.1
2021-05-02 00:27:40	3.60	40.2
2021-05-02 00:27:50	3.62	40.5
2021-05-02 00:28:00	4.66	41.8
2021-05-02 00:28:50	4.19	41.4
2021-05-02 00:29:00	4.33	41.8
2021-05-02 00:30:10	3.85	40.4
2021-05-02 00:30:20	4.35	40.0
2021-05-02 00:30:30	4.51	40.6
2021-05-02 00:30:40	3.37	39.9
2021-05-02 00:30:50	3.14	41.0
2021-05-02 00:31:00	3.47	42.2
2021-05-02 00:31:10	4.19	41.9
2021-05-02 00:31:40	4.49	42.1
2021-05-02 00:31:50	3.31	40.3
2021-05-02 00:32:20	3.67	42.5
2021-05-02 00:32:30	3.46	41.8
2021-05-02 00:33:00	4.54	41.7
2021-05-02 00:33:10	3.74	42.9
2021-05-02 00:33:20	3.85	40.7
2021-05-02 00:33:50	3.42	41.9

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-02 00:34:00	3.50	41.1
2021-05-02 00:34:10	3.96	40.2
2021-05-02 00:34:40	2.94	39.7
2021-05-02 00:34:50	3.50	42.0
2021-05-02 00:35:10	4.34	42.3
2021-05-02 00:35:20	3.64	42.8
2021-05-02 00:35:30	4.20	42.6
2021-05-02 00:36:10	4.02	42.7
2021-05-02 00:36:20	3.64	39.9
2021-05-02 00:36:30	2.85	40.2
2021-05-02 00:36:40	3.71	41.1
2021-05-02 00:36:50	3.55	42.2
2021-05-02 00:38:40	4.61	41.0
2021-05-02 00:38:50	3.79	39.7
2021-05-02 00:39:00	4.19	39.8
2021-05-02 00:39:10	4.28	40.7
2021-05-02 00:40:20	2.81	38.8
2021-05-02 00:40:30	3.93	42.8
2021-05-02 00:40:40	4.87	39.7
2021-05-02 00:42:00	4.02	41.2
2021-05-02 00:42:10	3.79	41.0
2021-05-02 00:42:20	4.39	39.2
2021-05-02 00:42:30	3.61	39.2
2021-05-02 00:42:40	3.35	40.4
2021-05-02 00:43:00	4.39	41.3
2021-05-02 00:43:10	3.71	41.3
2021-05-02 00:45:30	3.18	40.3
2021-05-02 00:51:40	3.95	43.4
2021-05-02 00:51:50	4.41	40.2
2021-05-02 00:52:00	4.09	42.4
2021-05-02 00:52:10	3.97	43.3
2021-05-02 00:52:20	4.90	42.4
2021-05-02 00:52:40	4.18	41.5
2021-05-02 00:52:50	3.86	40.0
2021-05-02 00:53:10	3.78	38.9
2021-05-02 00:53:50	3.59	40.6
2021-05-02 00:54:20	4.03	41.2
2021-05-02 00:54:30	3.55	40.7
2021-05-02 00:54:40	3.24	40.7
2021-05-02 00:55:00	4.06	42.3
2021-05-02 00:55:10	4.34	42.4
2021-05-02 00:56:20	3.54	41.6
2021-05-02 00:56:30	3.58	40.7
2021-05-02 00:56:40	4.14	40.1
2021-05-02 00:56:50	4.02	40.3
2021-05-02 00:57:00	3.79	40.9
2021-05-02 00:57:30	3.82	38.8
2021-05-02 00:57:40	3.01	39.2
2021-05-02 00:57:50	2.96	40.3

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-02 00:58:20	3.64	40.6
2021-05-02 00:59:00	2.61	40.4
2021-05-02 00:59:10	2.69	40.5
2021-05-02 00:59:40	4.18	39.8
2021-05-02 01:00:50	4.28	42.6
2021-05-02 01:01:00	4.64	41.1
2021-05-02 01:01:40	3.23	40.4
2021-05-02 01:01:50	3.07	40.1
2021-05-02 01:02:20	3.78	40.7
2021-05-02 01:04:10	4.12	40.4
2021-05-02 01:04:20	3.46	39.7
2021-05-02 01:04:30	2.75	40.1
2021-05-02 01:05:00	5.03	41.4
2021-05-02 01:06:40	2.90	41.8
2021-05-02 01:10:30	2.92	39.5
2021-05-02 01:11:40	2.36	40.1
2021-05-02 01:11:50	2.78	41.4
2021-05-02 01:14:20	3.29	40.2
2021-05-02 01:14:30	3.38	39.8
2021-05-02 01:14:40	2.95	39.5
2021-05-02 01:14:50	2.54	39.7
2021-05-02 01:15:30	3.16	39.3
2021-05-02 01:16:20	3.02	40.4
2021-05-02 01:16:50	3.71	39.7
2021-05-02 01:17:00	3.34	38.5
2021-05-02 01:17:10	2.48	39.6
2021-05-02 01:17:30	4.46	40.7
2021-05-02 01:17:50	3.65	40.4
2021-05-02 01:18:10	2.89	39.8
2021-05-02 01:18:30	3.51	40.6
2021-05-02 01:19:10	3.42	39.0
2021-05-02 01:19:20	2.90	39.7
2021-05-02 01:19:30	2.88	40.0
2021-05-02 01:19:40	2.64	39.9
2021-05-02 01:19:50	2.62	39.4
2021-05-02 01:22:40	2.32	40.1
2021-05-02 01:23:30	2.61	39.0
2021-05-02 01:23:40	3.22	38.1
2021-05-02 01:24:00	3.38	39.3
2021-05-02 01:24:10	3.90	38.6
2021-05-02 01:24:20	3.28	40.5
2021-05-02 01:24:30	2.63	39.8
2021-05-02 01:24:40	3.26	39.5
2021-05-02 01:24:50	4.01	40.1
2021-05-02 01:25:00	3.52	40.3
2021-05-02 01:25:10	4.22	40.5
2021-05-02 01:25:20	3.82	39.3
2021-05-02 01:25:30	4.20	39.4
2021-05-02 01:25:40	3.80	38.7

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-02 01:25:50	3.23	38.4
2021-05-02 01:26:10	2.09	38.3
2021-05-02 01:26:50	2.37	38.4
2021-05-02 01:27:00	2.18	37.9
2021-05-02 01:27:10	2.60	37.8
2021-05-02 01:27:20	3.15	37.8
2021-05-02 01:27:30	2.28	37.6
2021-05-02 01:27:40	2.21	38.2
2021-05-02 01:27:50	2.33	37.9
2021-05-02 01:28:00	2.08	38.0
2021-05-02 01:28:10	1.50	38.6
2021-05-02 01:28:20	2.20	38.8
2021-05-02 01:28:30	2.60	38.4
2021-05-02 01:28:40	2.32	38.4
2021-05-02 01:28:50	2.27	39.0
2021-05-02 01:29:00	2.74	39.9
2021-05-02 01:29:10	2.64	38.5
2021-05-02 01:29:20	2.34	37.3
2021-05-02 01:29:30	2.71	39.2
2021-05-02 01:29:40	2.75	39.1
2021-05-02 01:29:50	3.28	38.7
2021-05-02 01:30:50	3.83	39.8
2021-05-02 01:31:00	2.94	38.9
2021-05-02 01:32:00	2.79	38.5
2021-05-02 01:32:10	2.22	38.4
2021-05-02 01:32:20	2.08	38.2
2021-05-02 01:32:30	2.09	38.7
2021-05-02 01:33:50	2.57	37.9
2021-05-02 01:34:00	2.75	38.2
2021-05-02 01:34:50	2.88	38.3
2021-05-02 01:35:40	3.28	39.1
2021-05-02 01:36:20	2.74	38.5
2021-05-02 01:37:10	3.03	38.1
2021-05-02 01:37:20	2.62	38.5
2021-05-02 01:37:50	2.49	39.4
2021-05-02 01:40:20	1.91	38.9
2021-05-02 01:41:00	1.84	38.1
2021-05-02 01:43:40	2.98	38.5
2021-05-02 01:43:50	2.14	38.1
2021-05-02 01:44:00	2.20	38.3
2021-05-21 04:42:20	0.86	39.2
2021-05-21 04:42:30	0.62	39.5
2021-05-21 04:43:00	0.84	39.1
2021-05-25 02:07:30	3.74	40.5
2021-05-25 02:07:40	3.56	40.2
2021-05-25 02:23:40	4.24	39.5
2021-05-26 00:11:20	4.18	39.7
2021-05-26 00:20:50	4.62	42.7
2021-05-26 00:24:00	3.72	39.7

Appendix G1 - Valid Total 10-Second Sound Data - Monitor C WTG0011 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-26 00:24:10	3.38	40.6
2021-05-26 00:28:30	5.69	41.6
2021-05-26 00:35:30	3.61	40.7
2021-05-26 00:36:10	3.69	40.0
2021-05-26 00:47:20	4.70	38.8
2021-05-26 00:48:50	6.08	43.1
2021-05-26 02:17:40	3.80	40.1
2021-05-26 02:17:50	3.91	39.8
2021-05-26 02:19:10	4.78	42.4
2021-05-26 02:19:20	4.89	42.9
2021-05-26 02:23:40	4.68	41.9

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-18 22:00:10	3.28	43.5
2021-03-18 22:05:20	3.16	42.0
2021-03-18 22:05:30	3.39	42.1
2021-03-18 22:05:40	3.36	43.4
2021-03-18 22:08:50	6.14	42.0
2021-03-18 22:10:10	3.75	45.5
2021-03-18 22:10:50	5.81	43.8
2021-03-18 22:11:00	5.36	41.4
2021-03-18 22:11:40	3.75	43.4
2021-03-18 22:13:20	5.27	44.6
2021-03-18 22:13:50	4.13	42.9
2021-03-18 22:14:00	4.00	42.0
2021-03-18 22:14:10	3.31	42.0
2021-03-18 22:14:50	4.04	43.7
2021-03-18 22:15:10	5.73	43.4
2021-03-18 22:16:10	6.26	43.6
2021-03-18 22:16:20	5.76	43.8
2021-03-18 22:16:30	3.76	41.4
2021-03-18 22:19:00	4.73	41.7
2021-03-18 22:19:10	3.91	41.1
2021-03-18 22:19:20	3.43	41.4
2021-03-18 22:19:40	2.15	42.3
2021-03-18 22:19:50	2.64	43.3
2021-03-18 22:20:00	2.47	43.0
2021-03-18 22:20:10	3.39	41.9
2021-03-18 22:20:20	2.67	42.1
2021-03-18 22:20:30	1.73	42.2
2021-03-18 22:20:50	4.58	42.7
2021-03-18 22:21:00	3.81	42.2
2021-03-18 22:21:20	3.67	41.4
2021-03-18 22:21:40	3.77	40.7
2021-03-18 22:21:50	3.58	43.2
2021-03-18 22:22:40	4.11	43.1
2021-03-18 22:23:40	5.75	44.2
2021-03-18 22:25:20	6.59	43.3
2021-03-18 22:26:00	3.65	42.5
2021-03-18 22:26:10	2.80	41.4
2021-03-18 22:26:20	4.22	45.8
2021-03-18 22:26:50	3.78	42.9
2021-03-18 22:27:00	4.66	41.4
2021-03-18 22:27:10	3.40	40.6
2021-03-18 22:27:20	2.48	41.8
2021-03-18 22:30:10	5.70	44.8
2021-03-18 22:30:20	5.48	43.6
2021-03-18 22:30:50	7.25	45.0
2021-03-18 22:31:00	5.37	42.0
2021-03-18 22:31:20	3.71	43.3
2021-03-18 22:31:30	5.46	42.7
2021-03-18 22:33:20	6.51	44.9

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-18 22:33:30	4.75	44.9
2021-03-18 22:34:10	5.61	43.8
2021-03-18 22:37:40	5.20	40.2
2021-03-18 22:38:10	5.88	45.0
2021-03-18 22:38:20	5.96	41.8
2021-03-18 22:38:30	5.96	44.6
2021-03-18 22:38:40	4.00	43.5
2021-03-18 22:38:50	4.93	42.6
2021-03-18 22:39:30	5.52	45.2
2021-03-18 22:41:00	5.51	42.3
2021-03-18 22:41:10	3.40	42.2
2021-03-18 22:41:50	6.35	44.2
2021-03-18 22:42:10	3.90	43.0
2021-03-18 22:42:20	4.25	42.7
2021-03-18 22:42:40	6.09	43.3
2021-03-18 22:42:50	4.38	40.6
2021-03-18 22:45:10	3.64	43.6
2021-03-18 22:45:20	2.66	42.9
2021-03-18 22:45:30	3.85	42.1
2021-03-18 22:45:40	3.73	41.9
2021-03-18 22:45:50	4.35	39.8
2021-03-18 22:46:00	4.45	39.2
2021-03-18 22:47:50	5.81	45.2
2021-03-18 22:48:50	5.78	45.4
2021-03-18 22:49:30	4.18	42.2
2021-03-18 22:49:40	6.32	41.6
2021-03-18 22:49:50	2.58	41.4
2021-03-18 22:50:40	2.93	42.8
2021-03-18 22:50:50	5.16	40.4
2021-03-18 22:51:00	4.04	42.5
2021-03-18 22:51:30	4.39	43.8
2021-03-18 22:53:30	5.95	40.5
2021-03-18 22:53:40	4.66	42.3
2021-03-18 22:53:50	4.30	43.6
2021-03-18 22:54:00	4.20	42.8
2021-03-18 22:55:20	3.05	40.7
2021-03-18 22:55:30	2.51	40.9
2021-03-18 22:55:40	2.75	40.1
2021-03-18 22:56:10	6.00	44.4
2021-03-18 22:56:20	5.66	43.1
2021-03-18 22:57:00	5.23	43.5
2021-03-18 23:01:40	5.34	43.8
2021-03-18 23:02:00	6.24	42.7
2021-03-18 23:02:10	5.64	40.2
2021-03-18 23:02:40	3.54	43.0
2021-03-18 23:02:50	3.97	39.7
2021-03-18 23:03:40	3.94	38.4
2021-03-18 23:04:10	5.94	41.0
2021-03-18 23:04:40	6.93	43.0

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-18 23:05:20	5.76	44.1
2021-03-18 23:06:00	4.87	41.7
2021-03-18 23:06:40	4.53	42.6
2021-03-18 23:06:50	4.16	40.2
2021-03-18 23:07:00	3.49	40.1
2021-03-18 23:10:40	5.05	44.0
2021-03-18 23:10:50	4.74	40.6
2021-03-18 23:11:20	6.11	39.5
2021-03-18 23:11:30	4.61	39.9
2021-03-18 23:12:30	4.34	41.4
2021-03-18 23:13:10	5.12	45.5
2021-03-18 23:13:50	6.76	40.9
2021-03-18 23:14:00	4.72	41.1
2021-03-18 23:14:10	2.72	44.0
2021-03-18 23:15:40	5.61	41.4
2021-03-18 23:15:50	4.61	39.0
2021-03-18 23:16:00	3.83	40.6
2021-03-18 23:16:40	6.66	41.9
2021-03-18 23:16:50	6.48	41.3
2021-03-18 23:17:00	3.55	43.6
2021-03-18 23:18:00	4.20	43.0
2021-03-18 23:18:10	3.71	41.3
2021-03-18 23:21:00	3.83	42.1
2021-03-18 23:21:10	3.34	41.0
2021-03-18 23:21:50	5.39	44.8
2021-03-18 23:22:00	5.53	44.9
2021-03-18 23:22:10	4.75	43.0
2021-03-18 23:22:40	4.14	40.3
2021-03-18 23:22:50	3.34	40.2
2021-03-18 23:23:00	4.06	39.5
2021-03-18 23:23:20	3.86	40.8
2021-03-18 23:23:30	4.43	38.7
2021-03-18 23:23:40	3.57	38.4
2021-03-18 23:23:50	3.41	39.5
2021-03-18 23:24:00	3.66	40.5
2021-03-18 23:25:10	2.98	40.2
2021-03-18 23:25:20	2.02	39.9
2021-03-18 23:25:30	1.88	39.3
2021-03-18 23:25:40	1.70	39.5
2021-03-18 23:25:50	1.86	40.3
2021-03-18 23:27:20	3.97	41.4
2021-03-18 23:29:50	4.24	41.7
2021-03-18 23:30:30	4.52	41.6
2021-03-18 23:32:30	4.36	43.9
2021-03-18 23:32:40	4.57	40.6
2021-03-18 23:32:50	4.64	41.6
2021-03-18 23:33:10	4.18	43.3
2021-03-18 23:33:20	5.74	43.9
2021-03-18 23:35:30	1.92	40.2

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-18 23:35:40	2.26	39.8
2021-03-18 23:35:50	3.50	43.6
2021-03-18 23:36:00	3.37	41.0
2021-03-18 23:36:10	4.00	39.8
2021-03-18 23:36:30	2.95	40.6
2021-03-18 23:36:40	4.59	38.9
2021-03-18 23:36:50	2.48	39.7
2021-03-18 23:37:00	2.91	38.4
2021-03-18 23:37:10	3.88	38.5
2021-03-18 23:37:20	3.38	39.2
2021-03-18 23:39:30	4.80	44.9
2021-03-18 23:40:30	5.28	42.7
2021-03-18 23:40:40	3.49	40.8
2021-03-18 23:40:50	3.36	41.8
2021-03-18 23:41:00	3.58	38.7
2021-03-18 23:41:10	3.37	37.9
2021-03-18 23:41:20	2.10	39.3
2021-03-18 23:41:50	6.14	43.1
2021-03-18 23:42:00	5.01	42.9
2021-03-18 23:42:10	4.09	40.0
2021-03-18 23:42:20	3.05	40.4
2021-03-18 23:42:30	1.73	42.5
2021-03-18 23:44:00	3.11	41.2
2021-03-18 23:44:30	6.07	43.1
2021-03-18 23:44:40	5.87	39.4
2021-03-18 23:46:40	4.62	41.6
2021-03-18 23:48:30	3.59	43.6
2021-03-18 23:49:50	5.06	43.3
2021-03-18 23:50:10	4.39	42.1
2021-03-18 23:50:20	3.64	41.0
2021-03-18 23:50:30	4.41	39.4
2021-03-18 23:50:40	4.64	39.2
2021-03-18 23:50:50	4.74	39.5
2021-03-18 23:51:00	4.14	38.9
2021-03-18 23:51:10	3.83	39.7
2021-03-18 23:51:20	2.55	40.1
2021-03-18 23:51:30	3.15	39.0
2021-03-18 23:52:10	1.66	38.1
2021-03-18 23:52:20	2.45	37.2
2021-03-18 23:52:30	2.72	40.7
2021-03-18 23:52:40	4.02	40.0
2021-03-18 23:52:50	4.22	39.9
2021-03-18 23:53:00	3.21	38.9
2021-03-18 23:54:40	4.32	40.1
2021-03-18 23:54:50	4.02	38.4
2021-03-18 23:55:00	2.45	38.5
2021-03-18 23:55:10	2.58	41.7
2021-03-18 23:55:50	5.74	42.1
2021-03-18 23:56:00	5.42	39.7

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-18 23:56:10	4.26	42.6
2021-03-18 23:56:20	3.36	39.4
2021-03-18 23:56:30	3.83	38.3
2021-03-18 23:56:40	3.65	37.6
2021-03-18 23:56:50	2.26	37.2
2021-03-18 23:57:00	1.59	37.7
2021-03-18 23:58:40	3.80	43.5
2021-03-18 23:58:50	3.16	43.5
2021-03-18 23:59:00	2.90	41.2
2021-03-19 00:09:10	2.54	38.5
2021-03-19 00:09:30	2.07	37.2
2021-03-19 00:09:40	2.08	38.3
2021-03-19 00:11:00	5.12	39.8
2021-03-19 00:13:50	7.22	42.6
2021-03-19 00:14:40	4.95	43.4
2021-03-19 00:14:50	3.56	38.6
2021-03-19 00:16:00	1.25	39.8
2021-03-19 00:16:10	1.45	38.7
2021-03-19 00:16:20	1.63	38.2
2021-03-19 00:16:30	2.52	38.4
2021-03-19 00:16:40	2.84	38.3
2021-03-19 00:16:50	2.43	39.0
2021-03-19 00:18:10	4.13	38.2
2021-03-19 00:19:00	2.35	39.2
2021-03-19 00:19:20	3.49	39.3
2021-03-19 00:19:30	3.89	40.8
2021-03-19 00:19:40	3.81	39.9
2021-03-19 00:19:50	3.16	41.9
2021-03-19 00:24:10	2.20	38.9
2021-03-19 00:25:00	3.74	42.1
2021-03-19 00:25:40	2.71	38.4
2021-03-19 00:25:50	2.18	39.3
2021-03-19 00:27:00	5.04	41.7
2021-03-19 00:27:20	4.86	40.3
2021-03-19 00:27:30	3.87	40.1
2021-03-19 00:27:40	3.97	39.8
2021-03-19 00:32:20	2.08	39.4
2021-03-19 00:32:50	2.23	38.4
2021-03-19 00:33:00	1.06	38.6
2021-03-19 00:33:10	0.94	39.7
2021-03-19 00:35:40	4.33	39.8
2021-03-19 00:35:50	2.02	41.2
2021-03-19 00:37:10	4.75	43.4
2021-03-19 00:39:10	3.24	38.9
2021-03-19 00:42:20	4.76	41.4
2021-03-19 00:43:00	3.57	37.9
2021-03-19 00:45:10	4.18	40.7
2021-03-19 00:45:50	3.65	39.4
2021-03-19 00:46:00	2.54	40.5

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-19 00:46:10	3.00	39.7
2021-03-19 00:46:30	4.01	39.3
2021-03-19 00:46:40	3.14	40.9
2021-03-19 00:46:50	3.71	39.3
2021-03-19 00:47:00	4.32	42.4
2021-03-19 00:47:10	4.36	40.2
2021-03-19 00:50:20	5.99	44.1
2021-03-19 00:50:30	5.52	40.3
2021-03-19 00:50:40	3.96	39.3
2021-03-19 00:51:50	3.81	42.5
2021-03-19 00:52:00	5.30	40.5
2021-03-19 00:52:10	3.65	40.4
2021-03-19 00:52:20	3.45	39.5
2021-03-19 00:54:50	6.71	44.8
2021-03-19 00:56:20	3.66	39.8
2021-03-19 00:56:50	3.42	38.6
2021-03-19 00:57:00	3.62	38.2
2021-03-19 00:57:10	3.91	42.9
2021-03-19 01:01:50	3.99	39.2
2021-03-19 01:10:30	3.57	40.5
2021-03-19 01:10:40	4.32	38.5
2021-03-19 01:10:50	4.36	37.9
2021-03-19 01:11:00	2.95	38.9
2021-03-19 01:11:10	3.37	38.5
2021-03-19 01:11:40	4.12	40.0
2021-03-19 01:15:20	3.56	42.9
2021-03-19 01:15:30	3.70	42.4
2021-03-19 01:26:20	2.66	40.7
2021-03-19 01:29:50	4.02	40.1
2021-03-19 01:30:00	3.09	38.9
2021-03-19 01:32:50	4.03	41.1
2021-03-19 01:33:00	3.80	40.1
2021-03-19 01:42:40	3.94	40.9
2021-03-19 01:43:00	4.80	42.7
2021-03-19 01:48:20	2.77	37.2
2021-03-19 01:48:30	2.46	39.2
2021-03-19 01:48:40	3.05	40.1
2021-03-19 01:59:00	4.23	40.0
2021-03-19 02:00:30	4.39	41.0
2021-03-19 02:10:00	2.33	37.5
2021-03-19 02:10:10	2.51	37.9
2021-03-19 02:10:20	3.17	42.2
2021-03-19 02:11:00	3.59	43.0
2021-03-19 02:11:10	3.26	40.9
2021-03-19 02:11:20	2.86	38.9
2021-03-19 02:14:00	4.01	41.5
2021-03-19 02:14:10	2.75	40.7
2021-03-25 22:52:30	3.74	41.1
2021-03-25 22:52:40	4.82	40.4

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-25 22:56:50	3.01	41.2
2021-03-25 22:57:00	3.76	41.3
2021-03-25 22:58:50	3.61	41.8
2021-03-25 22:59:10	5.00	41.9
2021-03-25 22:59:20	4.44	40.8
2021-04-02 00:48:00	2.95	36.3
2021-04-02 01:58:30	2.76	37.7
2021-04-25 22:09:50	3.36	38.2
2021-04-25 22:10:00	3.26	36.7
2021-04-25 22:10:10	1.34	37.8
2021-04-25 22:17:30	2.68	38.3
2021-04-25 22:17:40	2.02	38.6
2021-04-25 23:15:20	5.04	39.0
2021-04-25 23:16:30	4.30	42.7
2021-04-25 23:16:40	5.08	43.3
2021-04-25 23:16:50	5.54	42.0
2021-04-25 23:18:40	4.84	43.1
2021-04-25 23:27:30	1.60	38.8
2021-04-25 23:27:40	1.66	38.4
2021-04-25 23:29:20	3.77	38.4
2021-04-25 23:29:30	3.35	40.1
2021-04-25 23:29:40	2.53	41.5
2021-04-25 23:29:50	3.00	42.3
2021-04-25 23:30:00	4.36	43.7
2021-04-25 23:31:00	2.89	40.7
2021-04-25 23:40:10	1.74	36.8
2021-04-25 23:40:20	2.10	36.7
2021-04-25 23:40:30	1.99	37.5
2021-04-25 23:40:40	1.88	38.4
2021-04-25 23:40:50	1.99	38.2
2021-04-25 23:47:30	4.62	39.2
2021-04-25 23:47:40	3.25	38.6
2021-04-26 01:11:50	4.50	39.6
2021-05-23 22:42:40	1.45	39.7
2021-05-23 22:43:30	1.30	39.7
2021-05-23 22:49:20	1.27	39.0
2021-05-23 22:49:50	1.39	39.3
2021-05-23 22:50:00	1.39	39.2
2021-05-23 22:50:10	2.68	39.3
2021-05-23 22:50:20	1.18	39.1
2021-05-23 22:50:30	2.24	38.9
2021-05-23 22:50:50	2.63	39.3
2021-05-23 22:51:00	1.91	39.2
2021-05-23 22:51:10	1.23	39.5
2021-05-23 22:51:30	3.16	39.5
2021-05-23 22:51:50	2.11	39.0
2021-05-23 22:52:30	1.25	38.8
2021-05-23 22:52:40	1.18	38.8
2021-05-23 22:52:50	2.06	38.4

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-23 22:53:00	2.43	39.1
2021-05-23 22:53:10	1.46	38.1
2021-05-23 22:53:20	1.25	38.6
2021-05-23 22:53:30	0.67	39.0
2021-05-23 22:53:40	1.16	38.1
2021-05-23 22:53:50	1.60	38.7
2021-05-23 22:54:30	1.80	38.4
2021-05-23 22:55:00	1.28	39.1
2021-05-23 22:55:10	1.04	38.7
2021-05-23 22:55:20	1.14	38.6
2021-05-23 22:57:10	1.18	39.9
2021-05-23 22:57:20	0.66	39.3
2021-05-23 22:57:30	0.52	39.2
2021-05-23 22:57:40	0.66	39.1
2021-05-23 22:57:50	1.33	39.0
2021-05-23 22:58:00	1.48	39.8
2021-05-23 22:58:10	1.07	39.5
2021-05-23 22:58:20	1.22	39.4
2021-05-23 22:58:30	0.61	38.7
2021-05-23 22:58:40	2.11	39.1
2021-05-23 22:58:50	1.81	39.2
2021-05-23 22:59:00	1.67	39.4
2021-05-23 22:59:50	1.43	39.7
2021-05-23 23:00:00	2.52	39.9
2021-05-23 23:00:10	1.66	39.6
2021-05-23 23:00:30	1.70	40.2
2021-05-23 23:00:40	1.11	39.6
2021-05-23 23:02:30	1.13	39.7
2021-05-23 23:02:50	1.38	39.8
2021-05-23 23:04:40	2.58	40.1
2021-05-23 23:05:20	1.81	40.5
2021-05-23 23:05:50	1.59	40.5
2021-05-23 23:06:10	1.71	39.0
2021-05-23 23:06:50	1.79	40.3
2021-05-23 23:07:00	1.29	40.4
2021-05-23 23:07:20	1.30	39.6
2021-05-23 23:07:30	1.47	39.7
2021-05-23 23:07:50	1.44	40.5
2021-05-23 23:08:00	0.92	39.2
2021-05-23 23:08:20	1.55	39.0
2021-05-23 23:08:30	1.20	40.1
2021-05-23 23:08:50	3.12	39.8
2021-05-23 23:09:10	1.47	39.9
2021-05-23 23:09:20	1.15	38.9
2021-05-23 23:09:40	1.24	39.5
2021-05-23 23:09:50	0.97	40.2
2021-05-23 23:10:00	1.25	40.0
2021-05-23 23:10:30	1.72	39.9
2021-05-23 23:10:50	1.18	39.7

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-23 23:11:00	1.18	40.4
2021-05-23 23:11:10	2.44	40.1
2021-05-23 23:11:20	1.58	39.6
2021-05-23 23:11:50	1.41	40.1
2021-05-23 23:12:00	1.82	40.2
2021-05-23 23:12:10	1.25	39.7
2021-05-23 23:12:20	0.79	39.6
2021-05-23 23:12:30	0.55	39.7
2021-05-23 23:12:50	0.56	38.9
2021-05-23 23:13:20	2.35	38.4
2021-05-23 23:14:40	1.04	38.9
2021-05-23 23:15:50	1.12	39.8
2021-05-23 23:16:00	1.35	39.9
2021-05-23 23:16:10	1.39	39.1
2021-05-23 23:18:10	1.09	37.3
2021-05-23 23:22:00	2.10	37.9
2021-05-28 22:05:20	1.34	37.9
2021-05-28 22:05:30	1.68	38.6
2021-05-28 22:05:50	2.44	39.1
2021-05-28 22:14:10	1.51	39.3
2021-05-28 22:14:20	0.96	40.3
2021-05-28 22:14:30	1.08	39.3
2021-05-28 22:16:20	0.85	39.8
2021-05-28 22:16:30	1.18	39.3
2021-05-28 22:16:40	2.47	38.6
2021-05-28 22:16:50	2.16	38.3
2021-05-28 22:18:00	1.81	38.3
2021-05-28 22:18:10	1.42	39.5
2021-05-28 22:18:20	2.77	38.8
2021-05-28 22:18:30	3.06	38.5
2021-05-28 22:18:40	2.77	37.8
2021-05-28 22:18:50	1.34	38.8
2021-05-28 22:19:40	1.04	39.4
2021-05-28 22:19:50	1.19	38.8
2021-05-28 22:20:00	0.81	38.6
2021-05-28 22:20:10	2.18	38.8
2021-05-28 22:20:20	2.91	39.4
2021-05-28 22:20:30	2.42	39.2
2021-05-28 22:23:20	1.96	39.9
2021-05-28 22:41:50	1.94	38.3
2021-05-28 22:42:00	1.60	37.9
2021-05-28 22:42:10	1.38	38.7
2021-05-28 22:45:50	1.14	38.6
2021-05-28 22:46:00	1.35	38.1
2021-05-28 22:48:00	1.50	38.1
2021-05-28 22:48:20	1.75	38.4
2021-05-28 22:48:50	2.18	38.2
2021-05-28 22:49:40	1.21	37.9
2021-05-28 22:49:50	1.82	38.3

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-28 22:50:00	1.55	37.7
2021-05-28 22:50:30	1.39	38.0
2021-05-28 22:50:50	2.41	37.9
2021-05-28 22:52:10	2.14	38.0
2021-05-28 22:52:20	2.42	37.8
2021-05-28 22:52:30	1.65	38.0
2021-05-28 22:53:20	1.10	37.8
2021-05-28 22:55:20	1.19	40.5
2021-05-28 22:55:40	1.86	40.0
2021-05-28 22:55:50	1.72	40.7
2021-05-28 22:57:20	1.74	38.7
2021-05-28 22:57:50	0.82	38.3
2021-05-28 22:58:00	1.88	39.3
2021-05-28 22:58:10	2.15	39.0
2021-05-28 22:58:20	1.56	38.9
2021-05-28 22:58:50	0.97	39.6
2021-05-28 23:01:40	1.83	39.0
2021-05-28 23:01:50	1.61	40.1
2021-05-28 23:03:00	1.06	39.5
2021-05-28 23:03:10	1.63	39.1
2021-05-28 23:09:40	2.69	38.6
2021-05-28 23:09:50	2.98	38.6
2021-05-28 23:13:30	1.48	37.6
2021-05-28 23:13:40	2.33	38.6
2021-05-28 23:14:10	1.38	38.2
2021-05-28 23:14:20	1.27	38.0
2021-05-28 23:14:30	1.02	38.3
2021-05-28 23:14:40	2.36	38.2
2021-05-28 23:14:50	1.55	38.2
2021-05-28 23:15:00	1.06	38.4
2021-05-28 23:15:10	1.56	38.8
2021-05-28 23:15:30	1.61	38.5
2021-05-28 23:15:40	1.84	37.5
2021-05-28 23:15:50	2.56	38.2
2021-05-28 23:17:00	0.97	38.3
2021-05-28 23:17:10	2.18	38.0
2021-05-28 23:17:20	2.46	38.3
2021-05-28 23:17:50	1.11	38.9
2021-05-28 23:21:10	2.02	38.0
2021-05-28 23:21:20	1.24	38.2
2021-05-28 23:21:30	1.38	37.9
2021-05-28 23:21:40	1.52	38.5
2021-05-28 23:23:10	2.45	37.5
2021-05-28 23:23:20	2.24	37.5
2021-05-28 23:23:30	2.09	38.9
2021-05-28 23:23:40	1.68	38.6
2021-05-28 23:23:50	1.60	38.9
2021-05-28 23:24:00	2.15	38.3
2021-05-28 23:24:10	2.06	37.6

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-28 23:24:20	1.51	39.1
2021-05-28 23:24:30	0.87	40.0
2021-05-28 23:24:40	1.71	37.5
2021-05-28 23:24:50	1.23	36.9
2021-05-28 23:25:10	2.38	37.5
2021-05-28 23:25:20	1.72	37.5
2021-05-28 23:25:30	1.02	37.9
2021-05-28 23:25:40	1.06	37.3
2021-05-28 23:25:50	1.32	37.4
2021-05-28 23:26:40	2.14	38.8
2021-05-28 23:26:50	1.69	40.2
2021-05-28 23:28:00	1.24	38.6
2021-05-28 23:28:10	1.42	38.9
2021-05-28 23:28:20	1.50	37.8
2021-05-28 23:28:30	1.08	38.9
2021-05-28 23:28:40	1.10	39.0
2021-05-28 23:28:50	0.86	38.4
2021-05-28 23:29:00	1.01	38.2
2021-05-28 23:29:10	0.61	38.5
2021-05-28 23:29:30	0.81	39.2
2021-05-28 23:29:40	0.97	39.8
2021-05-28 23:30:50	1.19	38.2
2021-05-28 23:31:00	2.61	38.5
2021-05-28 23:31:10	2.84	39.1
2021-05-28 23:38:30	1.54	38.1
2021-05-28 23:38:50	0.59	38.0
2021-05-28 23:40:20	1.90	38.7
2021-05-28 23:43:20	1.06	37.6
2021-05-28 23:43:30	1.27	37.7
2021-05-28 23:43:40	1.28	37.3
2021-05-28 23:43:50	1.43	37.1
2021-05-28 23:44:10	0.68	37.8
2021-05-29 00:49:30	1.54	40.2
2021-05-29 00:54:30	1.06	39.2
2021-05-29 00:59:50	1.81	38.7
2021-05-29 01:00:00	1.29	39.3
2021-05-29 01:00:10	1.78	38.9
2021-05-29 01:00:40	2.16	39.1
2021-05-29 01:01:20	1.65	39.9
2021-05-29 01:01:30	1.42	39.9
2021-05-29 01:02:30	1.42	39.9
2021-05-29 01:02:40	1.25	40.1
2021-05-29 01:03:40	1.47	39.8
2021-05-29 01:03:50	1.62	39.4
2021-05-29 01:04:40	1.90	40.1
2021-05-29 01:04:50	2.27	40.6
2021-05-29 01:05:00	2.74	39.7
2021-05-29 01:05:10	1.47	39.2
2021-05-29 01:05:20	1.34	39.1

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-29 01:05:40	0.87	39.1
2021-05-29 01:05:50	0.58	38.9
2021-05-29 01:06:00	0.68	39.1
2021-05-29 01:06:10	1.13	39.2
2021-05-29 01:06:30	1.96	38.5
2021-05-29 01:06:40	1.71	38.1
2021-05-29 01:06:50	1.06	38.8
2021-05-29 01:07:00	1.63	39.1
2021-05-29 01:07:30	1.38	38.6
2021-05-29 01:07:40	1.63	38.5
2021-05-29 01:07:50	1.70	38.5
2021-05-29 01:08:00	0.63	38.8
2021-05-29 01:08:10	0.55	38.3
2021-05-29 01:08:20	0.93	39.3
2021-05-29 01:08:30	1.58	40.0
2021-05-29 01:08:40	2.44	38.1
2021-05-29 01:08:50	1.37	39.1
2021-05-29 01:09:00	1.59	38.8
2021-05-29 01:09:20	1.31	39.1
2021-05-29 01:09:30	1.79	39.6
2021-05-29 01:09:40	1.28	40.4
2021-05-29 01:09:50	1.28	39.1
2021-05-29 01:10:00	0.79	39.5
2021-05-29 01:10:10	1.68	39.8
2021-05-29 01:10:20	2.10	40.1
2021-05-29 01:10:30	1.86	40.4
2021-05-29 01:10:40	2.21	39.6
2021-05-29 01:10:50	1.82	40.1
2021-05-29 01:11:00	1.66	39.3
2021-05-29 01:11:10	2.26	39.5
2021-05-29 01:11:20	1.82	40.1
2021-05-29 01:11:30	1.73	40.3
2021-05-29 01:11:40	1.35	40.3
2021-05-29 01:11:50	1.03	39.4
2021-05-29 01:12:00	2.14	39.2
2021-05-29 01:12:10	2.56	40.0
2021-05-29 01:12:20	1.92	40.8
2021-05-29 01:12:30	1.84	39.9
2021-05-29 01:12:40	1.54	40.8
2021-05-29 01:12:50	2.12	39.8
2021-05-29 01:13:00	1.91	39.7
2021-05-29 01:13:10	2.02	39.9
2021-05-29 01:13:20	1.15	40.1
2021-05-29 01:13:30	1.14	39.8
2021-05-29 01:13:40	1.27	40.0
2021-05-29 01:13:50	1.03	39.5
2021-05-29 01:14:00	0.58	39.7
2021-05-29 01:14:10	0.73	39.1
2021-05-29 01:14:20	0.90	39.0

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-29 01:14:30	0.69	39.6
2021-05-29 01:14:50	0.89	40.0
2021-05-29 01:15:00	1.68	39.6
2021-05-29 01:15:30	2.06	39.8
2021-05-29 01:16:00	1.52	39.6
2021-05-29 01:16:10	0.86	39.4
2021-05-29 01:16:20	0.83	39.8
2021-05-29 01:16:30	1.10	39.8
2021-05-29 01:17:00	1.09	39.7
2021-05-29 01:17:50	1.70	40.5
2021-05-29 01:18:00	1.26	40.8
2021-05-29 01:18:20	1.48	40.1
2021-05-29 01:19:40	1.15	39.4
2021-05-29 01:19:50	1.19	39.0
2021-05-29 01:20:00	0.91	38.8
2021-05-29 01:20:10	0.65	39.0
2021-05-29 01:20:30	1.98	38.5
2021-05-29 01:20:40	1.64	38.1
2021-05-29 01:20:50	1.92	38.9
2021-05-29 01:21:00	1.10	38.5
2021-05-29 01:21:10	0.92	39.1
2021-05-29 01:21:20	1.41	39.2
2021-05-29 01:21:30	1.46	38.5
2021-05-29 01:21:40	1.12	38.8
2021-05-29 01:21:50	0.77	39.3
2021-05-29 01:22:20	1.35	38.8
2021-05-29 01:22:30	1.25	38.6
2021-05-29 01:22:40	1.35	38.5
2021-05-29 01:22:50	1.72	39.1
2021-05-29 01:23:00	1.57	39.4
2021-05-29 01:23:10	1.49	38.8
2021-05-29 01:23:20	1.41	38.9
2021-05-29 01:23:30	1.71	39.0
2021-05-29 01:23:40	2.30	38.9
2021-05-29 01:23:50	1.55	38.4
2021-05-29 01:24:10	0.69	39.0
2021-05-29 01:24:30	1.30	39.3
2021-05-29 01:24:40	0.84	38.9
2021-05-29 01:24:50	0.57	39.4
2021-05-29 01:25:10	0.82	39.5
2021-05-29 01:25:30	1.65	39.3
2021-05-29 01:25:40	1.93	39.4
2021-05-29 01:25:50	1.94	39.4
2021-05-29 01:26:00	1.74	38.9
2021-05-29 01:26:10	1.28	39.0
2021-05-29 01:26:20	1.24	38.0
2021-05-29 01:26:30	2.61	39.9
2021-05-29 01:26:40	1.37	39.6
2021-05-29 01:26:50	1.74	39.3

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-29 01:27:10	1.64	38.9
2021-05-29 01:27:20	0.81	39.4
2021-05-29 01:27:30	0.93	39.6
2021-05-29 01:27:50	2.78	38.7
2021-05-29 01:28:00	2.37	39.7
2021-05-29 01:28:10	1.79	40.1
2021-05-29 01:31:10	1.58	39.1
2021-05-29 01:31:20	0.84	39.7
2021-05-29 01:31:30	0.89	38.8
2021-05-29 01:32:00	1.29	38.3
2021-05-29 01:32:10	0.64	38.8
2021-05-29 01:32:20	1.26	38.9
2021-05-29 01:32:30	1.34	38.6
2021-05-29 01:32:40	0.68	38.3
2021-05-29 01:32:50	0.81	38.8
2021-05-29 01:33:00	1.36	39.4
2021-05-29 01:33:10	1.82	38.9
2021-05-29 01:33:20	1.67	38.5
2021-05-29 01:33:30	1.77	38.8
2021-05-29 01:33:40	1.70	39.0
2021-05-29 01:33:50	1.53	38.0
2021-05-29 01:34:00	1.80	38.7
2021-05-29 01:34:10	1.82	38.4
2021-05-29 01:34:20	1.23	39.0
2021-05-29 01:34:30	1.75	38.2
2021-05-29 01:34:40	0.96	38.5
2021-05-29 01:34:50	1.21	38.7
2021-05-29 01:35:00	0.84	38.4
2021-05-29 01:35:10	1.27	39.1
2021-05-29 01:35:20	1.33	38.7
2021-05-29 01:35:30	1.39	38.6
2021-05-29 01:35:50	1.10	38.3
2021-05-29 01:36:40	0.78	39.2
2021-05-29 01:36:50	1.23	39.6
2021-05-29 01:37:20	1.14	40.3
2021-05-29 01:39:40	1.48	39.8
2021-05-29 01:39:50	1.58	38.9
2021-05-29 01:40:00	1.34	39.3
2021-05-29 01:40:10	1.09	39.0
2021-05-29 01:40:20	0.79	39.0
2021-05-29 01:54:50	1.61	39.9
2021-05-29 01:55:00	1.65	39.0
2021-05-29 01:55:30	1.35	38.8
2021-05-29 01:55:40	1.06	39.1
2021-05-29 01:55:50	0.99	38.7
2021-05-29 01:56:00	1.25	38.5
2021-05-29 01:56:20	1.26	38.6
2021-05-29 01:56:30	1.02	38.9
2021-05-29 01:57:00	1.41	38.6

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-29 01:57:10	1.19	38.4
2021-05-29 01:57:20	1.64	39.2
2021-05-29 01:57:30	1.25	39.0
2021-05-29 01:57:40	1.30	39.0
2021-05-29 01:58:00	1.54	39.2
2021-05-29 02:01:30	0.64	38.8
2021-05-29 02:01:40	1.14	39.2
2021-05-29 02:01:50	1.86	39.5
2021-05-29 02:02:00	1.61	39.1
2021-05-29 02:02:10	1.40	39.2
2021-05-29 02:02:30	1.84	39.6
2021-05-29 02:02:40	1.93	39.3
2021-05-29 02:02:50	2.27	39.1
2021-05-29 02:03:00	1.90	39.0
2021-05-29 02:03:10	1.17	39.6
2021-05-29 02:03:30	1.08	39.8
2021-05-29 02:03:40	1.48	39.4
2021-05-29 02:03:50	0.89	38.9
2021-05-29 02:04:00	1.02	38.8
2021-05-29 02:04:10	1.93	39.1
2021-05-29 02:04:20	1.40	39.2
2021-05-29 02:04:30	1.36	39.5
2021-05-29 02:04:50	1.14	39.5
2021-05-29 02:05:00	1.72	40.2
2021-05-29 02:05:10	0.97	40.2
2021-05-29 02:05:20	0.75	40.1
2021-05-29 02:05:30	0.99	39.2
2021-05-29 02:05:40	1.06	39.2
2021-05-29 02:05:50	1.51	40.3
2021-05-29 02:06:00	1.52	39.6
2021-05-29 02:06:10	1.16	39.5
2021-05-29 02:06:30	1.20	39.4
2021-05-29 02:06:40	2.09	39.7
2021-05-29 02:06:50	1.70	40.0
2021-05-29 02:07:00	1.29	39.2
2021-05-29 02:07:10	1.48	40.6
2021-05-29 02:07:20	1.11	39.0
2021-05-29 02:07:30	1.66	38.6
2021-05-29 02:07:40	0.94	40.3
2021-05-29 02:07:50	0.78	39.5
2021-05-29 02:08:00	0.50	39.0
2021-05-29 02:08:10	0.56	39.5
2021-05-29 02:08:20	1.70	38.8
2021-05-29 02:08:30	1.20	39.0
2021-05-29 02:08:40	1.51	39.4
2021-05-29 02:08:50	1.41	39.9
2021-05-29 02:09:00	0.71	40.3
2021-05-29 02:09:10	0.92	39.7
2021-05-29 02:09:20	0.94	40.2

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-29 02:09:30	1.38	39.2
2021-05-29 02:09:40	2.38	38.5
2021-05-29 02:09:50	2.08	39.7
2021-05-29 02:10:00	0.93	39.3
2021-05-29 02:10:10	0.80	39.3
2021-05-29 02:10:20	1.75	39.4
2021-05-29 02:10:30	1.58	39.6
2021-05-29 02:10:40	1.37	39.4
2021-05-29 02:10:50	1.50	39.6
2021-05-29 02:11:00	2.55	40.0
2021-05-29 02:11:10	1.79	40.1
2021-05-29 02:11:20	1.36	40.0
2021-05-29 02:11:30	1.54	39.8
2021-05-29 02:11:40	2.24	39.1
2021-05-29 02:11:50	2.69	39.9
2021-05-29 02:12:00	1.69	38.7
2021-05-29 02:12:10	1.21	40.5
2021-05-29 02:12:20	1.13	39.2
2021-05-29 02:12:30	1.25	39.6
2021-05-29 02:12:40	2.64	39.3
2021-05-29 02:12:50	1.59	39.1
2021-05-29 02:13:00	0.98	39.0
2021-05-29 02:13:10	0.88	40.0
2021-05-29 02:13:20	1.03	39.7
2021-05-29 02:13:30	1.24	38.6
2021-05-29 02:13:40	0.87	38.6
2021-05-29 02:13:50	0.91	38.8
2021-05-29 02:15:00	0.58	39.2
2021-05-29 02:15:10	1.47	38.7
2021-05-29 02:15:20	1.54	39.3
2021-05-29 02:15:40	1.33	39.8
2021-05-29 02:15:50	0.94	39.1
2021-05-29 02:16:00	1.03	38.7
2021-05-29 02:16:10	1.25	38.9
2021-05-29 02:16:20	1.44	38.8
2021-05-29 02:16:30	1.19	38.4
2021-05-29 02:16:40	1.26	38.7
2021-05-29 02:16:50	1.22	39.4
2021-05-29 02:17:00	1.75	39.3
2021-05-29 02:17:10	1.54	40.4
2021-05-29 02:18:50	0.71	39.0
2021-05-29 02:19:20	0.91	38.9
2021-05-29 02:19:30	1.74	38.9
2021-05-29 02:19:40	1.74	38.7
2021-05-29 02:19:50	1.86	39.2
2021-05-29 02:20:00	2.20	39.3
2021-05-29 02:20:10	3.49	39.3
2021-05-29 02:20:30	1.48	39.2
2021-05-29 02:20:40	1.41	38.5

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-29 02:20:50	1.52	38.7
2021-05-29 02:21:00	0.92	39.2
2021-05-29 02:21:10	0.68	38.7
2021-05-29 02:21:20	1.06	38.5
2021-05-29 02:21:30	0.71	39.0
2021-05-29 02:21:40	1.33	38.8
2021-05-29 02:21:50	2.30	39.6
2021-05-29 02:22:00	1.82	38.8
2021-05-29 02:22:10	1.87	38.8
2021-05-29 02:22:20	1.94	38.8
2021-05-29 02:22:30	1.63	39.0
2021-05-29 02:22:40	2.72	38.3
2021-05-29 02:22:50	2.54	38.9
2021-05-29 02:23:00	1.77	38.9
2021-05-29 02:23:10	1.53	39.0
2021-05-29 02:23:20	1.67	38.6
2021-05-29 02:23:30	2.72	38.7
2021-05-29 02:23:40	2.64	38.7
2021-05-29 02:23:50	1.79	39.7
2021-05-29 02:24:10	0.91	39.1
2021-05-29 02:24:20	1.45	39.0
2021-05-29 02:24:30	1.48	39.1
2021-05-29 02:24:40	1.86	39.1
2021-05-29 02:24:50	1.52	39.4
2021-05-29 02:25:00	1.80	39.0
2021-05-29 02:25:10	0.93	39.1
2021-05-29 02:25:20	0.80	38.6
2021-05-29 02:25:30	0.50	38.7
2021-05-29 02:25:40	0.62	39.5
2021-05-29 02:25:50	1.50	39.1
2021-05-29 02:26:00	1.54	39.5
2021-05-29 02:26:10	0.94	39.4
2021-05-29 02:26:20	1.62	40.2
2021-05-29 02:27:20	0.75	40.0
2021-05-29 02:28:00	2.53	41.9
2021-05-29 02:28:20	1.41	40.4
2021-05-29 02:28:30	1.25	40.4
2021-05-29 02:28:40	1.37	39.9
2021-05-29 02:28:50	1.57	39.6
2021-05-29 02:29:00	1.69	39.3
2021-05-29 02:29:10	1.56	39.1
2021-05-29 02:29:20	1.23	38.7
2021-05-29 02:29:40	0.76	39.2
2021-05-29 02:29:50	0.61	40.6
2021-05-29 02:30:00	1.27	38.9
2021-05-29 02:30:10	0.98	38.7
2021-05-29 02:30:20	0.88	39.2
2021-05-29 02:30:30	0.90	39.4
2021-05-29 02:30:40	0.69	39.0

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-29 02:30:50	1.75	39.4
2021-05-29 02:31:00	2.10	39.1
2021-05-29 02:31:10	1.44	39.1
2021-05-29 02:31:20	1.56	39.3
2021-05-29 02:31:30	1.63	40.7
2021-05-29 02:31:40	1.84	39.4
2021-05-29 02:31:50	2.37	40.9
2021-05-29 02:32:00	1.25	40.3
2021-05-29 02:32:10	0.70	39.8
2021-05-29 02:32:20	0.73	39.8
2021-05-29 02:32:40	0.80	39.7
2021-05-29 02:32:50	0.80	39.9
2021-05-29 02:33:00	1.13	39.8
2021-05-29 02:33:10	1.17	39.8
2021-05-29 02:33:20	2.30	40.6
2021-05-29 02:33:40	2.24	39.9
2021-05-29 02:33:50	1.93	40.0
2021-05-29 02:34:00	1.79	39.6
2021-05-29 02:34:10	1.71	39.5
2021-05-29 02:34:20	2.01	39.6
2021-05-29 02:34:30	2.26	38.5
2021-05-29 02:34:40	1.28	39.2
2021-05-29 02:34:50	0.90	39.6
2021-05-29 02:35:00	1.77	39.6
2021-05-29 02:35:10	1.94	39.2
2021-05-29 02:35:20	0.90	39.5
2021-05-29 02:35:30	1.44	40.0
2021-05-29 02:35:40	2.50	39.5
2021-05-29 02:35:50	1.72	39.3
2021-05-29 02:36:00	0.86	40.1
2021-05-29 02:36:10	0.99	39.8
2021-05-29 02:36:20	2.52	40.0
2021-05-29 02:36:30	2.60	40.6
2021-05-29 02:36:40	1.80	38.4
2021-05-29 02:36:50	1.97	40.1
2021-05-29 02:37:00	2.10	40.4
2021-05-29 02:37:10	1.49	40.2
2021-05-29 02:37:20	1.88	41.4
2021-05-29 02:37:30	2.29	39.6
2021-05-29 02:37:40	1.48	40.5
2021-05-29 02:37:50	1.53	40.2
2021-05-29 02:38:00	1.34	39.6
2021-05-29 02:38:10	0.79	40.1
2021-05-29 02:38:20	1.32	38.8
2021-05-29 02:38:30	1.96	39.1
2021-05-29 02:38:50	0.82	39.0
2021-05-29 02:39:00	1.60	39.4
2021-05-29 02:41:10	1.58	38.9
2021-05-29 02:41:20	1.33	39.5

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-29 02:41:30	0.73	38.9
2021-05-29 02:41:40	1.68	39.3
2021-05-29 02:41:50	2.26	38.4
2021-05-29 02:42:00	1.94	39.0
2021-05-29 02:42:10	1.55	39.4
2021-05-29 02:42:20	2.13	38.6
2021-05-29 02:42:30	1.78	39.2
2021-05-29 02:42:40	1.36	39.2
2021-05-29 02:42:50	2.55	38.9
2021-05-29 02:43:00	2.27	38.5
2021-05-29 02:43:10	2.12	39.0
2021-05-29 02:43:20	2.77	38.1
2021-05-29 02:43:30	1.85	39.6
2021-05-29 02:43:40	1.78	38.9
2021-05-29 02:43:50	2.65	39.4
2021-05-29 02:44:00	2.84	39.8
2021-05-29 02:44:10	2.30	38.7
2021-05-29 02:44:20	1.92	39.8
2021-05-29 02:44:30	1.08	39.3
2021-05-29 02:44:40	0.87	39.4
2021-05-29 02:44:50	1.21	39.2
2021-05-29 02:45:00	2.06	39.6
2021-05-29 02:45:10	2.81	39.6
2021-05-29 02:45:20	3.94	40.0
2021-05-29 02:45:30	3.94	40.0
2021-05-29 02:45:40	3.59	39.0
2021-05-29 02:45:50	3.31	38.8
2021-05-29 02:46:00	2.50	40.3
2021-05-29 02:46:10	3.27	38.9
2021-05-29 02:46:20	2.92	39.4
2021-05-29 02:46:30	1.46	39.5
2021-05-29 02:46:40	1.81	38.3
2021-05-29 02:46:50	2.33	38.7
2021-05-29 02:47:00	2.25	38.5
2021-05-29 02:47:10	1.59	39.2
2021-05-29 02:47:20	3.33	38.8
2021-05-29 02:47:30	3.20	39.2
2021-05-29 02:47:40	2.06	37.6
2021-05-29 02:47:50	2.17	38.7
2021-05-29 02:48:00	1.41	39.3
2021-05-29 02:48:10	1.18	40.0
2021-05-29 02:48:20	1.18	39.3
2021-05-29 02:48:30	2.66	40.3
2021-05-29 02:48:40	1.62	39.1
2021-05-29 02:48:50	1.13	39.0
2021-05-29 02:49:00	1.73	38.8
2021-05-29 02:49:10	1.74	38.9
2021-05-29 02:49:20	1.94	39.0
2021-05-29 02:49:30	1.46	40.0

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-29 02:49:40	1.50	39.9
2021-05-29 02:49:50	1.49	38.7
2021-05-29 02:50:00	1.45	39.1
2021-05-29 02:50:10	2.13	39.2
2021-05-29 02:50:20	2.10	39.1
2021-05-29 02:50:30	2.26	39.4
2021-05-29 02:50:40	1.67	39.5
2021-05-29 02:50:50	1.39	39.0
2021-05-29 02:51:00	1.42	39.2
2021-05-29 02:51:10	1.44	39.6
2021-05-29 02:51:20	1.30	40.5
2021-05-29 02:51:30	0.84	39.1
2021-05-29 02:51:40	1.70	39.9
2021-05-29 02:51:50	1.95	38.7
2021-05-29 02:52:00	1.94	39.7
2021-05-29 02:52:10	1.67	39.8
2021-05-29 02:52:20	1.06	39.4
2021-05-29 02:52:30	0.88	39.0
2021-05-29 02:52:40	2.22	39.2
2021-05-29 02:52:50	1.75	39.7
2021-05-29 02:53:00	1.14	39.4
2021-05-29 02:53:10	1.07	38.8
2021-05-29 02:53:20	0.96	38.9
2021-05-29 02:53:30	1.88	39.0
2021-05-29 02:53:40	1.86	38.7
2021-05-29 02:53:50	1.62	39.3
2021-05-29 02:54:00	2.18	39.4
2021-05-29 02:54:10	2.47	40.4
2021-05-29 02:55:10	1.60	40.2
2021-05-29 02:55:20	2.70	41.1
2021-05-29 02:55:30	1.70	39.9
2021-05-29 02:55:40	1.31	39.7
2021-05-29 02:55:50	2.30	39.2
2021-05-29 02:56:00	1.74	40.6
2021-05-29 02:56:20	2.51	39.0
2021-05-29 02:56:30	2.26	39.4
2021-05-29 02:56:50	1.56	39.7
2021-05-29 02:57:00	2.11	40.0
2021-05-29 02:57:10	2.50	40.6
2021-05-29 02:57:20	1.64	40.0
2021-05-29 02:57:30	1.18	39.4
2021-05-29 02:57:40	1.40	40.3
2021-05-29 02:58:00	2.38	40.0
2021-05-29 02:58:10	1.74	40.3
2021-05-29 02:58:30	2.06	41.1
2021-05-29 02:58:40	1.74	40.0
2021-05-29 02:58:50	1.61	40.3
2021-05-29 02:59:00	1.69	39.2
2021-05-29 02:59:10	2.34	40.8

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-29 02:59:20	1.62	40.6
2021-05-29 02:59:30	2.57	39.9
2021-05-29 02:59:40	2.73	40.5
2021-05-29 02:59:50	2.18	39.5
2021-05-29 03:00:00	2.06	39.9
2021-05-29 03:00:10	0.82	41.6
2021-05-29 03:00:20	1.65	40.0
2021-05-29 03:00:30	2.68	39.7
2021-05-29 03:00:40	2.10	41.5
2021-05-29 03:00:50	2.04	39.4
2021-05-29 03:01:00	1.93	38.9
2021-05-29 03:01:10	1.54	39.9
2021-05-29 03:01:20	2.27	39.8
2021-05-29 03:01:30	2.43	40.6
2021-05-29 03:01:40	2.53	39.4
2021-05-29 03:01:50	1.47	39.5
2021-05-29 03:02:10	2.14	39.9
2021-05-29 03:02:20	1.76	39.9
2021-05-29 03:02:30	3.63	39.3
2021-05-29 03:02:40	2.82	40.3
2021-05-29 03:02:50	1.35	40.9
2021-05-29 03:03:00	1.94	40.2
2021-05-29 03:03:10	1.33	40.5
2021-05-29 03:03:20	2.26	40.4
2021-05-29 03:03:30	2.63	39.3
2021-05-29 03:03:40	1.57	40.2
2021-05-29 03:03:50	1.81	40.8
2021-05-29 03:04:00	2.70	40.4
2021-05-29 03:04:10	2.90	40.3
2021-05-29 03:04:20	2.66	39.2
2021-05-29 03:04:30	3.01	39.8
2021-05-29 03:04:40	1.44	40.1
2021-05-29 03:04:50	1.51	39.9
2021-05-29 03:05:00	2.07	40.2
2021-05-29 03:05:10	3.31	40.8
2021-05-29 03:05:20	2.43	40.5
2021-05-29 03:05:30	2.26	39.7
2021-05-29 03:05:40	2.08	41.1
2021-05-29 03:05:50	2.89	40.4
2021-05-29 03:06:00	2.04	39.2
2021-05-29 03:06:10	2.16	40.2
2021-05-29 03:06:20	2.27	39.8
2021-05-29 03:06:30	3.29	39.3
2021-05-29 03:06:40	3.85	40.0
2021-05-29 03:06:50	1.91	39.9
2021-05-29 03:07:00	1.70	39.1
2021-05-29 03:07:20	0.88	39.5
2021-05-29 03:07:30	1.20	40.2
2021-05-29 03:07:40	1.34	39.7

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-29 03:07:50	1.15	39.2
2021-05-29 03:08:00	1.31	39.5
2021-05-29 03:08:10	1.44	40.5
2021-05-29 03:08:30	1.46	39.3
2021-05-29 03:08:40	2.47	38.9
2021-05-29 03:08:50	1.91	40.0
2021-05-29 03:09:00	0.81	40.1
2021-05-29 03:09:10	1.65	39.9
2021-05-29 03:09:20	2.03	40.0
2021-05-29 03:09:30	1.84	39.3
2021-05-29 03:09:40	2.12	39.7
2021-05-29 03:09:50	1.68	40.1
2021-05-29 03:10:00	0.99	39.4
2021-05-29 03:10:10	2.54	39.3
2021-05-29 03:10:20	2.90	39.3
2021-05-29 03:10:40	1.50	40.1
2021-05-29 03:10:50	1.50	39.6
2021-05-29 03:11:00	1.46	39.9
2021-05-29 03:11:10	1.26	40.2
2021-05-29 03:11:20	2.24	39.4
2021-05-29 03:11:30	2.26	39.8
2021-05-29 03:11:40	1.81	39.3
2021-05-29 03:11:50	1.92	40.0
2021-05-29 03:12:00	2.18	39.9
2021-05-29 03:12:10	2.64	39.4
2021-05-29 03:12:20	1.23	40.0
2021-05-29 03:12:50	1.97	39.3
2021-05-29 03:13:00	1.46	39.1
2021-05-29 03:13:10	1.64	39.1
2021-05-29 03:13:20	1.34	39.9
2021-05-29 03:13:30	2.08	38.9
2021-05-29 03:13:40	1.37	39.0
2021-05-29 03:13:50	1.20	39.8
2021-05-29 03:14:00	1.90	39.4
2021-05-29 03:14:10	1.80	39.9
2021-05-29 03:14:20	2.75	39.5
2021-05-29 03:14:30	2.59	38.6
2021-05-29 03:14:40	2.27	40.8
2021-05-29 03:14:50	1.76	39.6
2021-05-29 03:15:00	1.11	39.6
2021-05-29 03:15:10	2.25	39.5
2021-05-29 03:15:20	2.18	38.6
2021-05-29 03:15:30	2.90	39.1
2021-05-29 03:15:40	2.29	39.3
2021-05-29 03:15:50	1.44	39.6
2021-05-29 03:16:00	2.23	39.9
2021-05-29 03:16:10	2.02	39.0
2021-05-29 03:16:20	2.20	39.1
2021-05-29 03:16:30	1.67	39.1

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-29 03:16:40	2.06	39.0
2021-05-29 03:16:50	2.12	39.8
2021-05-29 03:17:00	1.37	39.1
2021-05-29 03:17:10	1.74	40.3
2021-05-29 03:17:20	1.30	39.3
2021-05-29 03:17:30	1.34	39.7
2021-05-29 03:17:40	1.54	39.3
2021-05-29 03:17:50	1.24	39.2
2021-05-29 03:18:00	1.15	39.2
2021-05-29 03:18:10	1.25	39.7
2021-05-29 03:18:20	1.32	39.6
2021-05-29 03:18:30	2.88	40.0
2021-05-29 03:18:40	2.47	39.6
2021-05-29 03:18:50	1.80	39.0
2021-05-29 03:19:10	0.97	39.6
2021-05-29 03:19:20	2.09	39.5
2021-05-29 03:19:30	1.80	39.3
2021-05-29 03:19:40	1.77	39.3
2021-05-29 03:19:50	1.26	40.4
2021-05-29 03:20:00	0.91	40.4
2021-05-29 03:20:10	0.55	39.3
2021-05-29 03:20:20	0.66	39.2
2021-05-29 03:20:30	2.59	39.3
2021-05-29 03:21:10	1.26	39.2
2021-05-29 03:21:30	0.81	39.7
2021-05-29 03:21:40	1.62	39.4
2021-05-29 03:21:50	1.44	39.5
2021-05-29 03:22:00	1.58	40.0
2021-05-29 03:22:20	1.34	40.2
2021-05-29 03:22:30	1.74	40.1
2021-05-29 03:22:40	1.37	41.2
2021-05-29 03:23:00	1.54	39.6
2021-05-29 03:23:10	2.47	41.1
2021-05-29 03:23:20	1.65	39.7
2021-05-29 03:23:30	1.49	41.0
2021-05-29 03:23:50	1.39	40.1
2021-05-29 03:24:00	1.15	41.0
2021-05-29 03:24:30	1.94	40.6
2021-05-29 03:24:40	2.36	40.4
2021-05-29 03:24:50	1.74	40.2
2021-05-29 03:25:00	1.62	40.5
2021-05-29 03:25:20	1.52	40.0
2021-05-29 03:25:30	1.76	40.1
2021-05-29 03:25:40	2.20	39.2
2021-05-29 03:25:50	1.71	40.0
2021-05-29 03:26:00	1.88	39.0
2021-05-29 03:26:10	1.47	41.1
2021-05-29 03:26:20	1.64	39.3
2021-05-29 03:26:30	2.14	39.2

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-29 03:26:40	2.34	40.0
2021-05-29 03:26:50	1.98	40.9
2021-05-29 03:27:10	1.59	39.5
2021-05-29 03:27:20	2.26	41.3
2021-05-29 03:27:30	1.95	40.5
2021-05-29 03:27:40	3.41	38.8
2021-05-29 03:27:50	1.56	39.5
2021-05-29 03:28:00	1.57	39.3
2021-05-29 03:28:10	1.73	40.5
2021-05-29 03:28:20	1.48	40.1
2021-05-29 03:28:30	1.58	38.5
2021-05-29 03:28:40	2.02	39.8
2021-05-29 03:28:50	1.93	39.9
2021-05-29 03:29:00	2.15	39.4
2021-05-29 03:29:10	1.46	41.1
2021-05-29 03:29:20	2.04	40.6
2021-05-29 03:29:30	1.34	39.9
2021-05-29 03:29:40	1.76	40.0
2021-05-29 03:29:50	1.04	40.6
2021-05-29 03:30:00	0.92	40.7
2021-05-29 03:30:20	1.16	39.5
2021-05-29 03:30:30	2.02	40.2
2021-05-29 03:30:40	3.98	40.2
2021-05-29 03:30:50	2.82	40.5
2021-05-29 03:31:00	1.77	40.2
2021-05-29 03:31:10	1.23	39.5
2021-05-29 03:31:30	2.71	40.8
2021-05-29 03:31:40	2.75	39.7
2021-05-29 03:31:50	1.71	40.5
2021-05-29 03:32:00	1.71	39.9
2021-05-29 03:32:10	1.88	38.8
2021-05-29 03:32:20	1.23	40.0
2021-05-29 03:32:30	1.00	40.2
2021-05-29 03:32:40	2.24	39.7
2021-05-29 03:32:50	2.46	39.6
2021-05-29 03:33:00	2.85	39.3
2021-05-29 03:33:10	2.11	39.5
2021-05-29 03:33:20	2.45	38.6
2021-05-29 03:33:30	1.36	39.3
2021-05-29 03:33:40	1.81	39.6
2021-05-29 03:33:50	1.95	39.7
2021-05-29 03:34:00	1.54	38.8
2021-05-29 03:34:10	1.66	39.0
2021-05-29 03:34:20	2.16	39.2
2021-05-29 03:34:30	2.29	39.7
2021-05-29 03:34:40	1.59	38.6
2021-05-29 03:34:50	1.13	38.9
2021-05-29 03:35:00	1.42	39.3
2021-05-29 03:35:10	1.93	40.3

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-29 03:35:20	1.92	39.9
2021-05-29 03:35:30	1.50	40.0
2021-05-29 03:35:40	3.02	39.2
2021-05-29 03:35:50	1.87	39.5
2021-05-29 03:36:00	1.55	39.5
2021-05-29 03:36:10	0.73	40.4
2021-05-29 03:36:30	1.42	38.9
2021-05-29 03:36:40	1.74	39.7
2021-05-29 03:36:50	3.63	39.6
2021-05-29 03:37:00	3.11	40.6
2021-05-29 03:37:10	2.20	39.0
2021-05-29 03:37:20	1.66	39.6
2021-05-29 03:37:30	1.94	39.4
2021-05-29 03:37:40	1.75	40.0
2021-05-29 03:37:50	1.53	39.3
2021-05-29 03:38:00	1.85	39.7
2021-05-29 03:38:10	2.77	39.4
2021-05-29 03:38:20	1.80	39.0
2021-05-29 03:38:30	1.81	39.5
2021-05-29 03:38:40	1.71	39.3
2021-05-29 03:38:50	3.53	40.2
2021-05-29 03:39:00	3.38	40.0
2021-05-29 03:39:10	2.33	39.6
2021-05-29 03:39:30	1.35	38.4
2021-05-29 03:39:40	1.12	39.3
2021-05-29 03:39:50	1.31	39.6
2021-05-29 03:40:00	1.63	39.3
2021-05-29 03:40:10	1.37	38.6
2021-05-29 03:40:40	1.28	39.1
2021-05-29 03:40:50	1.45	38.7
2021-05-29 03:41:00	1.45	40.0
2021-05-29 03:41:10	2.13	40.5
2021-05-29 03:42:30	1.61	40.1
2021-05-29 03:42:40	1.74	40.5
2021-05-29 03:42:50	1.24	40.3
2021-05-29 03:43:00	1.32	40.2
2021-05-29 03:43:10	2.29	40.4
2021-05-29 03:43:20	1.43	39.3
2021-05-29 03:43:40	2.77	40.5
2021-05-29 03:43:50	3.11	39.8
2021-05-29 03:44:00	2.21	39.4
2021-05-29 03:44:20	1.77	38.2
2021-05-29 03:44:30	2.18	39.4
2021-05-29 03:44:40	1.40	39.6
2021-05-29 03:44:50	1.44	39.8
2021-05-29 03:45:00	1.81	38.9
2021-05-29 03:45:10	2.82	39.5
2021-05-29 03:45:20	1.68	40.1
2021-05-29 03:45:30	1.84	38.9

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-29 03:45:40	2.08	39.1
2021-05-29 03:46:00	2.12	39.9
2021-05-29 03:46:10	2.11	39.9
2021-05-29 03:46:20	2.73	40.7
2021-05-29 03:46:30	3.92	39.2
2021-05-29 03:46:40	3.47	39.4
2021-05-29 03:46:50	2.59	39.3
2021-05-29 03:47:00	1.82	40.1
2021-05-29 03:47:10	1.84	40.9
2021-05-29 03:47:40	3.58	42.7
2021-05-29 03:47:50	2.05	41.8
2021-05-29 03:48:00	1.29	41.6
2021-05-29 03:48:30	1.47	39.3
2021-05-29 03:48:40	1.21	39.8
2021-05-29 03:48:50	2.92	39.4
2021-05-29 03:49:00	1.93	39.6
2021-05-29 03:49:10	2.42	39.8
2021-05-29 03:49:20	2.55	39.0
2021-05-29 03:49:30	2.44	38.4
2021-05-29 03:49:50	2.07	39.8
2021-05-29 03:50:00	2.60	40.0
2021-05-29 03:50:10	3.04	38.7
2021-05-29 03:50:20	1.74	39.1
2021-05-29 03:50:30	1.73	39.8
2021-05-29 03:50:40	2.68	39.8
2021-05-29 03:50:50	2.21	39.8
2021-05-29 03:51:00	2.42	39.5
2021-05-29 03:51:20	1.52	39.4
2021-05-29 03:51:30	1.70	39.9
2021-05-29 03:51:40	1.45	39.5
2021-05-29 03:51:50	1.66	39.3
2021-05-29 03:52:20	1.97	40.1
2021-05-29 03:52:30	1.51	39.5
2021-05-29 03:52:40	1.30	38.7
2021-05-29 03:52:50	0.81	40.7
2021-05-29 03:53:00	1.10	40.6
2021-05-29 03:53:10	2.18	39.9
2021-05-29 03:53:20	1.98	40.2
2021-05-29 03:53:30	2.27	40.2
2021-05-29 03:53:40	3.22	41.4
2021-05-29 03:54:50	1.28	41.2
2021-05-29 03:55:00	1.31	40.3
2021-05-29 03:55:10	3.16	40.3
2021-05-29 03:55:20	3.04	39.4
2021-05-29 03:55:30	2.30	39.8
2021-05-29 03:55:40	1.71	40.0
2021-05-29 03:56:00	1.80	40.3
2021-05-29 03:56:10	2.81	40.2
2021-05-29 03:56:20	1.86	40.2

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-29 03:56:30	1.86	39.3
2021-05-29 03:56:40	1.92	39.6
2021-05-29 03:56:50	2.16	39.8
2021-05-29 03:57:00	2.11	40.5
2021-05-29 03:57:10	1.55	39.3
2021-05-29 03:57:20	1.49	38.8
2021-05-29 03:57:30	1.82	40.0
2021-05-29 03:57:50	1.24	39.8
2021-05-29 03:58:00	1.24	40.2
2021-05-29 03:58:20	1.22	39.3
2021-05-29 03:58:30	2.50	39.2
2021-05-29 03:58:40	1.76	39.3
2021-05-29 03:58:50	1.32	40.8
2021-05-29 03:59:00	1.30	40.5
2021-05-29 03:59:10	1.37	39.6
2021-05-29 03:59:20	0.58	40.6
2021-05-29 03:59:30	1.87	40.4
2021-05-29 03:59:50	1.75	39.0
2021-05-29 04:00:10	0.88	39.3
2021-05-29 04:00:20	1.28	40.3
2021-05-29 04:00:30	1.36	39.9
2021-05-29 04:00:40	2.80	41.3
2021-05-29 04:00:50	3.42	40.4
2021-05-29 04:01:00	2.67	38.3
2021-05-29 04:01:10	1.37	40.1
2021-05-29 04:01:30	1.74	40.3
2021-05-29 04:01:40	1.53	40.6
2021-05-29 04:01:50	1.16	40.5
2021-05-29 04:02:00	1.13	39.5
2021-05-29 04:02:10	1.67	40.5
2021-05-29 04:02:20	1.48	40.4
2021-05-29 04:02:30	1.03	40.7
2021-05-29 04:02:40	1.55	39.7
2021-05-29 04:02:50	2.09	39.3
2021-05-29 04:03:00	1.60	41.1
2021-05-29 04:03:10	1.77	39.5
2021-05-29 04:03:30	2.17	40.0
2021-05-29 04:03:40	2.55	38.9
2021-05-29 04:03:50	1.53	38.4
2021-05-29 04:04:50	2.43	40.8
2021-05-29 04:05:00	2.16	39.1
2021-05-29 04:05:10	1.73	38.8
2021-05-29 04:05:40	1.53	39.1
2021-05-29 04:05:50	1.49	39.2
2021-05-29 04:06:20	2.18	38.5
2021-05-29 04:41:20	1.35	39.3
2021-05-29 04:43:20	2.18	38.4
2021-05-29 04:44:30	1.60	39.1
2021-05-29 04:44:40	1.71	38.5

Appendix G2 - Valid Total 10-Second Sound Data - Monitor C WTG0008 - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-05-29 04:44:50	1.19	39.7
2021-05-29 04:47:10	1.50	39.6
2021-05-29 04:48:10	0.80	39.3
2021-05-29 04:48:20	1.16	38.6
2021-05-29 04:52:40	1.10	39.7
2021-05-29 04:52:50	0.75	39.3
2021-05-29 04:53:10	2.08	39.2
2021-05-29 04:53:40	1.10	39.3
2021-05-29 04:53:50	1.41	38.2
2021-05-29 04:54:10	1.24	39.5
2021-05-29 04:54:20	1.63	39.3
2021-05-29 04:54:30	1.53	39.2
2021-05-29 04:54:40	1.39	39.3
2021-05-29 04:54:50	0.87	39.1
2021-05-29 04:55:10	1.14	39.0
2021-05-29 04:55:40	2.34	39.1
2021-05-29 04:55:50	1.66	38.9
2021-05-29 04:56:00	1.12	39.0
2021-05-29 04:56:10	1.76	39.4
2021-05-29 04:56:30	1.42	38.4
2021-05-29 04:56:40	1.41	38.5
2021-05-29 04:56:50	1.16	38.9
2021-05-29 04:57:10	1.25	39.0
2021-05-29 04:57:20	1.14	38.9
2021-05-29 04:57:30	1.53	39.6
2021-05-29 04:57:40	1.89	39.1
2021-05-29 04:57:50	1.41	38.7
2021-05-29 04:58:00	1.14	38.7
2021-05-29 04:58:10	0.83	39.2
2021-05-29 04:58:20	1.10	39.3
2021-05-29 04:58:30	0.90	39.3
2021-05-29 04:58:40	1.48	38.9
2021-05-29 04:58:50	1.39	39.1
2021-05-29 04:59:00	0.80	39.5
2021-05-29 04:59:10	0.88	39.8
2021-05-29 04:59:20	1.09	40.0
2021-05-29 04:59:30	1.47	39.0
2021-05-29 04:59:40	1.17	39.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-24 22:14:20	5.67	43.1
2021-03-24 22:14:40	4.93	42.6
2021-03-24 22:14:50	5.50	41.6
2021-03-24 22:16:50	5.08	46.9
2021-03-24 22:17:00	6.54	40.8
2021-03-24 22:17:10	4.66	40.2
2021-03-24 22:17:20	3.95	41.6
2021-03-24 22:18:10	6.64	40.5
2021-03-24 22:18:20	5.51	41.4
2021-03-24 22:21:20	6.58	45.0
2021-03-24 22:21:30	7.26	43.0
2021-03-24 22:21:40	5.56	45.8
2021-03-24 22:21:50	5.69	48.3
2021-03-24 22:22:30	6.40	44.3
2021-03-24 22:22:40	5.32	41.7
2021-03-24 22:24:30	6.61	45.1
2021-03-24 22:25:20	6.50	45.2
2021-03-24 22:25:40	6.06	44.6
2021-03-24 22:25:50	6.98	49.5
2021-03-24 22:27:00	5.84	41.1
2021-03-25 04:03:50	4.73	42.9
2021-03-25 04:04:20	3.54	39.0
2021-03-25 04:05:00	3.33	36.7
2021-03-25 04:05:10	3.18	36.2
2021-03-25 04:05:20	3.63	40.7
2021-03-25 04:05:30	4.16	42.6
2021-03-25 04:06:30	5.11	41.2
2021-03-25 04:06:40	4.90	44.4
2021-03-25 04:08:20	3.97	40.4
2021-03-25 04:08:30	4.72	41.4
2021-03-25 04:08:40	4.68	41.9
2021-03-25 04:09:00	4.38	42.3
2021-03-25 04:09:10	4.26	42.3
2021-03-25 04:09:20	5.23	40.9
2021-03-25 04:09:30	4.40	36.5
2021-03-25 04:09:40	3.69	38.4
2021-03-25 04:09:50	3.79	37.3
2021-03-25 04:10:30	4.54	40.5
2021-03-25 04:10:40	4.10	37.9
2021-03-25 04:10:50	3.96	40.2
2021-03-25 04:11:00	4.12	40.2
2021-03-25 04:11:10	4.64	40.6
2021-03-25 04:11:20	3.97	42.9
2021-03-25 04:11:30	4.91	41.2
2021-03-25 04:11:40	5.21	40.7
2021-03-25 04:11:50	5.14	37.5
2021-03-25 04:12:00	4.30	40.5
2021-03-25 04:12:10	4.18	42.2
2021-03-25 04:12:20	4.78	42.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-25 04:12:40	4.86	45.2
2021-03-25 04:12:50	4.78	43.8
2021-03-25 04:13:00	4.66	40.6
2021-03-25 04:13:10	4.82	41.3
2021-03-25 04:13:40	4.53	40.8
2021-03-25 04:14:00	5.12	42.2
2021-03-25 04:14:10	5.11	41.3
2021-03-25 04:14:50	5.31	44.1
2021-03-25 04:15:00	4.58	43.3
2021-03-25 04:15:10	5.40	42.1
2021-03-25 04:15:20	4.43	43.2
2021-03-25 04:16:10	5.23	42.4
2021-03-25 04:16:20	5.24	38.3
2021-03-25 04:16:30	4.36	37.8
2021-03-25 04:16:40	3.76	39.5
2021-03-25 04:16:50	3.74	38.4
2021-03-25 04:17:00	3.63	38.9
2021-03-25 04:17:10	3.82	38.1
2021-03-25 04:17:20	3.77	41.1
2021-03-25 04:17:50	5.28	40.8
2021-03-25 04:18:00	5.14	43.1
2021-03-25 04:18:20	4.54	44.6
2021-03-25 04:18:30	5.60	41.2
2021-03-25 04:18:40	4.95	38.9
2021-03-25 04:18:50	4.27	40.9
2021-03-25 04:19:10	4.82	39.5
2021-03-25 04:19:20	5.08	45.3
2021-03-25 04:19:40	4.60	41.9
2021-03-25 04:20:20	5.39	41.7
2021-03-25 04:20:30	4.97	40.3
2021-03-25 04:20:40	5.09	38.3
2021-03-25 04:20:50	3.97	42.3
2021-03-25 04:21:10	3.74	40.2
2021-03-25 04:21:50	6.09	45.3
2021-03-25 04:22:30	4.75	39.9
2021-03-25 04:24:20	4.97	40.6
2021-03-25 04:24:30	5.55	38.9
2021-03-25 04:24:40	4.43	39.1
2021-03-25 04:25:40	5.44	42.1
2021-03-25 04:25:50	4.97	44.7
2021-03-25 04:26:50	3.78	40.7
2021-03-25 04:27:00	4.30	41.1
2021-03-25 04:27:10	4.18	41.6
2021-03-25 04:27:20	4.28	40.5
2021-03-25 04:27:30	4.13	41.4
2021-03-25 04:28:10	5.14	44.2
2021-03-25 04:28:20	5.13	41.4
2021-03-25 04:28:30	5.16	42.2
2021-03-25 04:28:40	4.57	43.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-25 04:29:50	5.08	43.3
2021-03-25 04:30:00	4.28	38.4
2021-03-25 22:18:20	3.73	37.6
2021-03-25 22:18:30	4.54	36.0
2021-03-25 22:18:40	2.51	35.8
2021-03-25 22:18:50	2.33	34.3
2021-03-25 22:19:00	2.91	35.2
2021-03-25 22:19:20	2.92	38.6
2021-03-25 22:19:30	4.52	36.8
2021-03-25 22:19:40	2.93	34.9
2021-03-25 22:19:50	1.91	35.0
2021-03-25 22:20:00	2.42	35.4
2021-03-25 22:20:10	1.85	33.6
2021-03-25 22:20:20	2.56	33.9
2021-03-25 22:20:30	2.24	34.4
2021-03-25 22:20:40	2.63	35.1
2021-03-25 22:20:50	1.92	34.8
2021-03-25 22:21:00	1.61	34.3
2021-03-25 22:21:10	1.29	34.6
2021-03-25 22:21:20	2.56	34.7
2021-03-25 22:21:30	1.89	35.3
2021-03-25 22:21:40	1.43	34.1
2021-03-25 22:21:50	1.36	34.8
2021-03-25 22:22:00	1.74	35.2
2021-03-25 22:22:10	3.67	36.5
2021-03-25 22:22:20	3.48	37.8
2021-03-25 22:22:30	2.49	34.5
2021-03-25 22:22:40	2.51	34.0
2021-03-25 22:22:50	1.79	35.1
2021-03-25 22:23:20	3.05	37.5
2021-03-25 22:25:20	2.14	36.1
2021-03-25 22:25:30	2.06	37.7
2021-03-25 22:25:40	1.99	38.6
2021-03-25 22:25:50	2.78	38.3
2021-03-25 22:26:00	3.21	37.9
2021-03-25 22:26:10	3.05	37.5
2021-03-25 22:26:20	3.80	36.5
2021-03-25 22:26:30	4.45	38.1
2021-03-25 22:26:50	4.25	40.9
2021-03-25 22:28:10	2.49	35.9
2021-03-25 22:28:20	3.37	34.2
2021-03-25 22:28:30	2.48	35.5
2021-03-25 22:28:40	2.85	38.8
2021-03-25 22:28:50	1.82	37.8
2021-03-25 22:29:00	1.83	36.5
2021-03-25 22:29:10	1.93	37.8
2021-03-25 22:29:30	3.47	35.8
2021-03-25 22:29:40	2.08	34.8
2021-03-25 22:29:50	2.41	35.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-25 22:30:00	1.68	34.5
2021-03-25 22:30:10	2.44	34.7
2021-03-25 22:30:20	3.09	36.6
2021-03-25 22:30:30	2.56	36.0
2021-03-25 23:16:30	2.34	37.7
2021-03-25 23:16:40	2.71	37.6
2021-03-25 23:16:50	2.79	36.1
2021-03-25 23:17:00	2.62	35.8
2021-03-25 23:17:10	2.02	36.3
2021-03-25 23:17:20	2.48	36.9
2021-03-25 23:17:30	3.64	38.7
2021-03-25 23:17:40	2.91	36.8
2021-03-25 23:17:50	3.27	36.9
2021-03-25 23:18:00	2.92	37.7
2021-03-25 23:18:10	2.57	37.0
2021-03-25 23:18:20	2.18	38.3
2021-03-25 23:18:40	3.68	37.3
2021-03-25 23:19:00	3.53	37.6
2021-03-25 23:19:10	4.16	39.0
2021-03-25 23:19:20	2.92	38.1
2021-03-25 23:19:30	3.77	36.0
2021-03-25 23:19:40	4.38	36.5
2021-03-25 23:19:50	3.56	36.6
2021-03-25 23:20:00	3.01	36.8
2021-03-25 23:20:10	2.31	36.4
2021-03-25 23:20:20	2.65	36.8
2021-03-25 23:20:30	4.08	40.8
2021-03-25 23:20:40	3.26	38.9
2021-03-25 23:20:50	3.29	39.1
2021-03-25 23:21:00	5.04	38.7
2021-03-25 23:21:10	3.32	37.3
2021-03-25 23:21:20	4.09	36.4
2021-03-25 23:21:30	3.66	37.4
2021-03-25 23:21:40	3.13	39.6
2021-03-25 23:21:50	2.61	39.6
2021-03-25 23:22:00	3.22	37.1
2021-03-25 23:22:20	1.89	38.0
2021-03-25 23:22:30	2.91	38.9
2021-03-25 23:22:40	3.77	39.9
2021-03-25 23:22:50	4.16	37.9
2021-03-25 23:23:00	3.45	37.4
2021-03-25 23:23:10	3.57	39.6
2021-03-25 23:23:20	4.22	42.1
2021-03-25 23:23:30	3.53	41.9
2021-03-25 23:23:40	4.32	41.9
2021-03-25 23:23:50	4.21	40.1
2021-03-25 23:24:30	4.14	38.6
2021-03-26 22:01:20	2.85	32.9
2021-03-26 22:01:30	2.62	34.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-26 22:01:40	3.92	33.6
2021-03-26 22:01:50	4.41	32.9
2021-03-26 22:02:00	3.86	33.3
2021-03-26 22:02:10	3.69	33.9
2021-03-26 22:02:50	3.69	40.2
2021-03-26 22:03:00	3.65	35.3
2021-03-26 22:03:10	4.31	33.4
2021-03-26 22:03:20	3.84	35.2
2021-03-26 22:03:30	3.74	39.6
2021-03-26 22:03:40	4.68	37.0
2021-03-26 22:03:50	4.84	35.4
2021-03-26 22:04:00	3.78	33.9
2021-03-26 22:04:10	3.64	32.4
2021-03-26 22:04:20	3.58	32.1
2021-03-26 22:04:30	3.21	32.3
2021-03-26 22:04:40	3.40	32.5
2021-03-26 22:04:50	3.13	32.3
2021-03-26 22:05:00	2.91	32.8
2021-03-26 22:05:50	2.34	37.5
2021-03-26 22:06:00	2.18	35.2
2021-03-26 22:06:20	2.20	34.2
2021-03-26 22:06:30	2.21	33.7
2021-03-26 22:07:20	2.63	32.7
2021-03-26 22:07:30	3.05	32.1
2021-03-26 22:07:40	2.82	36.0
2021-03-26 22:08:20	3.22	37.2
2021-03-26 22:08:30	3.39	37.8
2021-03-26 22:08:40	3.12	34.7
2021-03-26 22:08:50	3.17	32.9
2021-03-26 22:09:00	3.40	35.9
2021-03-26 22:10:00	2.64	37.7
2021-03-26 22:11:10	2.08	35.1
2021-03-26 22:11:20	2.39	34.1
2021-03-26 22:11:30	2.25	32.7
2021-03-26 22:11:40	2.42	32.8
2021-03-26 22:11:50	1.95	32.7
2021-03-26 22:12:00	1.75	32.7
2021-03-26 22:12:10	3.00	32.5
2021-03-26 22:12:20	2.97	32.2
2021-03-26 22:12:30	2.03	31.9
2021-03-26 22:12:40	1.95	32.4
2021-03-26 22:12:50	1.57	31.5
2021-03-26 22:13:00	1.53	31.6
2021-03-26 22:13:10	1.85	32.2
2021-03-26 22:13:20	2.19	32.6
2021-03-26 22:13:30	2.13	32.8
2021-03-26 22:13:40	2.43	33.1
2021-03-26 22:13:50	2.32	35.1
2021-03-26 22:14:00	2.28	34.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-26 22:14:10	1.88	35.7
2021-03-26 22:14:20	1.84	35.9
2021-03-26 22:15:40	2.97	35.3
2021-03-26 22:16:20	2.42	37.6
2021-03-26 22:16:30	2.52	36.6
2021-03-26 22:17:20	2.04	34.8
2021-03-26 22:17:30	1.95	32.3
2021-03-26 22:17:40	1.76	32.3
2021-03-26 22:17:50	2.53	35.9
2021-03-26 22:18:50	2.63	38.7
2021-03-26 22:19:00	1.96	37.5
2021-03-26 22:19:10	1.95	36.8
2021-03-26 22:19:20	2.62	36.0
2021-03-26 22:19:30	2.39	33.7
2021-03-26 22:19:40	2.79	33.3
2021-03-26 22:19:50	2.26	32.2
2021-03-26 22:20:00	2.30	32.3
2021-03-26 22:20:10	2.56	32.3
2021-03-26 22:20:20	2.42	33.1
2021-03-26 22:20:30	2.54	32.7
2021-03-26 22:20:40	2.29	32.6
2021-03-26 22:20:50	2.01	33.2
2021-03-26 22:21:00	1.78	33.1
2021-03-26 22:21:10	2.29	32.8
2021-03-26 22:21:20	1.90	32.5
2021-03-26 22:21:30	1.91	33.0
2021-03-26 22:21:40	2.60	35.2
2021-03-26 22:21:50	1.89	35.6
2021-03-26 22:22:00	1.71	35.7
2021-03-26 22:22:10	2.47	34.8
2021-03-26 22:22:30	2.78	37.1
2021-03-26 22:23:20	1.89	36.1
2021-03-26 22:24:20	2.27	36.4
2021-03-26 22:24:30	2.08	37.8
2021-03-26 22:24:40	3.25	36.4
2021-03-26 22:25:30	3.11	34.9
2021-03-26 22:25:40	2.53	32.9
2021-03-26 22:25:50	2.97	33.4
2021-03-26 22:26:00	2.95	32.8
2021-03-26 22:26:10	2.88	37.4
2021-03-26 22:26:50	2.03	33.7
2021-03-26 22:27:00	2.03	34.9
2021-03-26 22:27:10	2.42	34.8
2021-03-26 22:27:20	2.75	33.8
2021-03-26 22:27:30	3.08	32.5
2021-03-26 22:27:40	2.93	31.8
2021-03-26 22:27:50	3.10	32.0
2021-03-26 22:28:00	2.67	32.1
2021-03-26 22:28:10	3.00	31.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-26 22:28:20	2.72	31.7
2021-03-26 22:28:30	2.04	32.4
2021-03-26 22:28:40	2.85	32.0
2021-03-26 22:28:50	2.60	31.7
2021-03-26 22:29:00	1.64	31.8
2021-03-26 22:29:10	1.78	32.6
2021-03-26 22:29:20	2.66	32.8
2021-03-26 22:29:30	3.63	31.8
2021-03-26 22:29:40	3.42	31.3
2021-03-26 22:29:50	2.81	31.8
2021-03-26 22:30:00	2.37	31.7
2021-03-26 23:01:10	1.60	36.2
2021-03-26 23:01:20	1.80	33.5
2021-03-26 23:01:30	1.65	31.2
2021-03-26 23:01:40	1.40	30.7
2021-03-26 23:01:50	1.82	31.1
2021-03-26 23:02:00	1.94	31.5
2021-03-26 23:02:10	1.91	31.6
2021-03-26 23:02:20	1.89	32.0
2021-03-26 23:02:30	1.98	30.8
2021-03-26 23:02:40	1.70	30.7
2021-03-26 23:02:50	1.65	30.5
2021-03-26 23:03:00	1.69	30.8
2021-03-26 23:03:10	1.74	30.7
2021-03-26 23:03:20	1.50	30.6
2021-03-26 23:03:30	1.15	30.7
2021-03-26 23:03:40	1.56	31.4
2021-03-26 23:03:50	1.66	31.2
2021-03-26 23:04:00	1.72	31.3
2021-03-26 23:04:10	1.29	31.4
2021-03-26 23:04:20	1.55	30.8
2021-03-26 23:04:30	1.84	30.7
2021-03-26 23:04:40	1.74	31.0
2021-03-26 23:04:50	2.21	31.1
2021-03-26 23:05:00	2.11	30.9
2021-03-26 23:05:10	2.32	31.1
2021-03-26 23:05:20	1.78	31.3
2021-03-26 23:05:30	1.47	31.5
2021-03-26 23:05:40	1.54	31.7
2021-03-26 23:05:50	1.39	31.5
2021-03-26 23:06:00	1.30	31.5
2021-03-26 23:06:10	1.32	31.9
2021-03-26 23:06:20	1.54	31.4
2021-03-26 23:06:30	1.43	31.1
2021-03-26 23:06:40	1.75	31.2
2021-03-26 23:06:50	1.72	31.4
2021-03-26 23:07:00	1.35	31.2
2021-03-26 23:07:10	1.36	30.8
2021-03-26 23:07:20	1.50	30.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-26 23:07:30	1.70	30.7
2021-03-26 23:07:40	1.74	31.0
2021-03-26 23:07:50	2.19	31.0
2021-03-26 23:08:00	2.03	31.5
2021-03-26 23:08:10	1.77	32.1
2021-03-26 23:08:20	2.20	31.7
2021-03-26 23:08:30	2.40	32.3
2021-03-26 23:08:40	2.47	31.5
2021-03-26 23:08:50	2.29	31.0
2021-03-26 23:09:00	2.16	31.4
2021-03-26 23:09:10	2.18	31.6
2021-03-26 23:10:10	1.55	37.6
2021-03-26 23:10:20	1.57	35.2
2021-03-26 23:10:30	1.60	32.8
2021-03-26 23:10:40	1.58	35.3
2021-03-26 23:10:50	1.51	37.2
2021-03-26 23:11:00	1.75	35.2
2021-03-26 23:11:10	1.86	34.3
2021-03-26 23:11:20	1.70	33.8
2021-03-26 23:11:30	1.92	32.8
2021-03-26 23:11:40	1.84	33.1
2021-03-26 23:11:50	1.87	33.5
2021-03-26 23:12:00	1.77	32.3
2021-03-26 23:12:10	1.43	32.3
2021-03-26 23:12:20	1.70	32.7
2021-03-26 23:12:30	1.79	32.4
2021-03-26 23:12:40	1.89	31.3
2021-03-26 23:12:50	1.75	31.1
2021-03-26 23:13:00	1.61	32.2
2021-03-26 23:13:40	1.58	37.8
2021-03-26 23:13:50	2.32	35.2
2021-03-26 23:14:30	1.68	37.2
2021-03-26 23:14:40	1.65	34.6
2021-03-26 23:14:50	1.78	34.5
2021-03-26 23:15:00	1.59	33.9
2021-03-26 23:15:10	1.46	33.3
2021-03-26 23:15:20	1.36	31.7
2021-03-26 23:15:30	1.25	32.8
2021-03-26 23:15:40	1.73	35.1
2021-03-26 23:15:50	1.64	33.4
2021-03-26 23:16:00	1.77	32.0
2021-03-26 23:16:10	1.77	31.6
2021-03-26 23:16:20	1.66	31.0
2021-03-26 23:16:30	1.27	31.2
2021-03-26 23:16:40	1.03	31.1
2021-03-26 23:16:50	1.41	31.2
2021-03-26 23:17:00	1.77	31.5
2021-03-26 23:17:10	1.60	31.2
2021-03-26 23:17:20	1.76	30.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-26 23:17:30	1.86	30.8
2021-03-26 23:17:40	2.01	30.8
2021-03-26 23:17:50	1.54	30.8
2021-03-26 23:18:00	1.46	33.4
2021-03-26 23:18:10	1.53	31.0
2021-03-26 23:18:20	1.39	33.1
2021-03-26 23:18:30	1.40	33.3
2021-03-26 23:18:40	1.49	32.2
2021-03-26 23:18:50	1.34	32.1
2021-03-26 23:19:00	1.47	31.8
2021-03-26 23:19:10	1.53	31.3
2021-03-26 23:19:20	1.53	31.1
2021-03-26 23:19:30	1.75	31.6
2021-03-26 23:19:40	1.62	31.8
2021-03-26 23:19:50	1.39	32.2
2021-03-26 23:20:00	1.32	32.5
2021-03-26 23:20:10	1.55	31.9
2021-03-26 23:20:20	1.40	33.5
2021-03-26 23:20:30	1.23	34.9
2021-03-26 23:22:00	1.17	31.3
2021-03-26 23:22:10	1.12	32.3
2021-03-26 23:22:20	1.40	31.4
2021-03-26 23:22:30	1.26	32.0
2021-03-26 23:22:40	1.45	32.4
2021-03-26 23:22:50	1.45	32.5
2021-03-26 23:23:00	1.42	32.0
2021-03-26 23:23:10	1.25	31.2
2021-03-26 23:23:20	1.08	31.2
2021-03-26 23:23:30	1.13	31.1
2021-03-26 23:23:40	1.20	31.2
2021-03-26 23:23:50	1.19	31.7
2021-03-26 23:24:00	1.14	32.5
2021-03-26 23:24:10	1.16	34.6
2021-03-26 23:24:20	1.24	35.7
2021-03-26 23:24:30	1.12	34.7
2021-03-26 23:24:40	0.95	33.7
2021-03-26 23:24:50	1.01	34.0
2021-03-26 23:25:20	1.38	34.7
2021-03-26 23:25:30	1.32	32.9
2021-03-26 23:25:40	0.99	31.8
2021-03-26 23:25:50	1.05	31.6
2021-03-26 23:26:00	1.03	31.6
2021-03-26 23:27:00	1.20	31.7
2021-03-26 23:27:10	1.21	30.8
2021-03-26 23:27:20	1.39	31.7
2021-03-26 23:27:30	1.36	33.8
2021-03-26 23:27:50	1.61	33.2
2021-03-26 23:28:00	1.37	31.1
2021-03-26 23:28:10	1.39	30.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-26 23:28:20	1.30	30.7
2021-03-26 23:28:30	1.35	31.1
2021-03-26 23:28:40	1.54	30.6
2021-03-26 23:28:50	1.59	30.5
2021-03-26 23:29:00	1.49	30.3
2021-03-26 23:29:10	1.38	30.6
2021-03-26 23:29:20	1.10	30.6
2021-03-26 23:29:30	1.42	30.3
2021-03-26 23:29:40	1.29	30.8
2021-03-26 23:29:50	1.36	30.8
2021-03-26 23:30:00	1.44	34.2
2021-03-27 00:01:40	2.37	34.4
2021-03-27 00:01:50	2.12	32.2
2021-03-27 00:02:00	2.13	32.0
2021-03-27 00:02:10	2.01	31.4
2021-03-27 00:02:20	2.11	31.4
2021-03-27 00:02:30	2.24	31.0
2021-03-27 00:02:40	2.13	30.8
2021-03-27 00:02:50	2.09	30.8
2021-03-27 00:03:00	2.33	30.7
2021-03-27 00:03:10	2.15	30.7
2021-03-27 00:03:20	1.98	30.6
2021-03-27 00:03:30	1.91	30.6
2021-03-27 00:03:40	1.69	30.8
2021-03-27 00:03:50	1.78	30.9
2021-03-27 00:04:00	1.75	30.8
2021-03-27 00:04:10	1.64	30.9
2021-03-27 00:04:20	1.27	30.8
2021-03-27 00:04:30	1.53	30.5
2021-03-27 00:04:40	1.72	31.1
2021-03-27 00:04:50	1.69	31.5
2021-03-27 00:05:00	2.11	36.3
2021-03-27 00:06:10	2.61	39.4
2021-03-27 00:06:40	1.88	37.0
2021-03-27 00:06:50	1.91	36.0
2021-03-27 00:07:00	1.69	32.3
2021-03-27 00:07:10	1.59	32.0
2021-03-27 00:07:20	1.62	32.2
2021-03-27 00:07:30	1.57	31.9
2021-03-27 00:07:40	2.05	31.4
2021-03-27 00:07:50	2.09	31.2
2021-03-27 00:08:00	1.87	30.9
2021-03-27 00:08:10	1.86	30.7
2021-03-27 00:08:20	1.61	30.9
2021-03-27 00:08:30	1.63	32.1
2021-03-27 00:08:40	1.51	36.0
2021-03-27 00:09:50	1.59	37.6
2021-03-27 00:10:00	1.78	37.2
2021-03-27 00:10:20	1.79	37.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-27 00:10:30	1.85	33.4
2021-03-27 00:10:40	1.97	34.5
2021-03-27 00:10:50	1.74	32.5
2021-03-27 00:11:00	1.51	31.5
2021-03-27 00:11:10	1.33	31.0
2021-03-27 00:11:20	1.36	31.1
2021-03-27 00:11:30	1.20	30.8
2021-03-27 00:11:40	1.46	31.9
2021-03-27 00:11:50	1.76	32.0
2021-03-27 00:12:00	1.55	35.4
2021-03-27 00:12:10	1.59	34.0
2021-03-27 00:12:20	1.94	36.1
2021-03-27 00:12:30	1.74	36.8
2021-03-27 00:13:30	1.90	37.2
2021-03-27 00:13:40	1.66	31.0
2021-03-27 00:13:50	2.06	30.7
2021-03-27 00:14:00	2.05	30.4
2021-03-27 00:14:10	1.74	30.4
2021-03-27 00:14:20	1.82	30.3
2021-03-27 00:14:30	1.92	30.2
2021-03-27 00:14:40	1.87	30.3
2021-03-27 00:14:50	1.88	30.4
2021-03-27 00:15:00	1.71	30.5
2021-03-27 00:15:10	1.87	31.1
2021-03-27 00:16:30	1.47	34.4
2021-03-27 00:16:40	1.76	35.5
2021-03-27 00:16:50	1.73	33.2
2021-03-27 00:17:00	2.01	31.8
2021-03-27 00:17:10	2.04	31.8
2021-03-27 00:17:20	1.74	31.1
2021-03-27 00:17:30	1.62	32.1
2021-03-27 00:17:40	1.58	31.1
2021-03-27 00:17:50	1.25	30.6
2021-03-27 00:18:00	1.29	30.7
2021-03-27 00:18:10	1.31	30.5
2021-03-27 00:18:20	1.61	30.6
2021-03-27 00:18:30	1.06	30.6
2021-03-27 00:18:40	1.32	30.5
2021-03-27 00:18:50	1.24	30.5
2021-03-27 00:19:00	1.25	30.5
2021-03-27 00:19:10	1.50	30.5
2021-03-27 00:19:20	1.38	30.5
2021-03-27 00:19:30	1.63	30.5
2021-03-27 00:19:40	1.47	30.5
2021-03-27 00:19:50	1.41	30.5
2021-03-27 00:20:00	1.46	30.6
2021-03-27 00:20:10	1.47	30.7
2021-03-27 00:20:20	1.61	31.6
2021-03-27 00:21:40	1.72	34.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-27 00:21:50	1.78	35.0
2021-03-27 00:22:00	1.63	33.8
2021-03-27 00:22:10	1.71	34.0
2021-03-27 00:22:20	1.67	34.2
2021-03-27 00:22:30	1.75	34.1
2021-03-27 00:22:40	1.78	33.2
2021-03-27 00:22:50	1.62	31.3
2021-03-27 00:23:00	1.49	31.2
2021-03-27 00:23:10	1.72	31.5
2021-03-27 00:23:20	1.56	31.4
2021-03-27 00:23:30	1.41	31.2
2021-03-27 00:23:40	1.29	32.6
2021-03-27 00:23:50	1.81	32.7
2021-03-27 00:24:00	1.88	33.2
2021-03-27 00:25:30	1.56	36.7
2021-03-27 00:25:40	1.61	35.0
2021-03-27 00:25:50	1.40	34.9
2021-03-27 00:26:00	1.40	32.7
2021-03-27 00:26:10	1.72	32.5
2021-03-27 00:26:20	1.62	32.2
2021-03-27 00:26:30	1.96	31.8
2021-03-27 00:26:40	1.80	32.0
2021-03-27 00:26:50	1.77	32.2
2021-03-27 00:27:00	1.91	31.9
2021-03-27 00:27:10	2.18	31.9
2021-03-27 00:27:20	2.19	32.0
2021-03-27 00:27:30	1.92	34.2
2021-03-27 00:27:40	1.80	33.9
2021-03-27 00:27:50	1.91	30.9
2021-03-27 00:28:00	1.83	30.8
2021-03-27 00:28:10	2.24	30.8
2021-03-27 00:28:20	2.23	30.8
2021-03-27 00:28:30	1.75	32.9
2021-03-27 00:28:40	1.75	32.4
2021-03-27 00:28:50	1.88	32.3
2021-03-27 00:29:00	1.83	32.4
2021-03-27 00:29:10	1.91	31.3
2021-03-27 00:29:20	1.66	31.2
2021-03-27 00:29:30	1.87	31.1
2021-03-27 00:29:40	1.76	31.0
2021-03-27 00:29:50	1.49	31.1
2021-03-27 00:30:00	1.36	31.4
2021-03-27 00:30:10	1.49	31.6
2021-03-27 01:01:30	1.12	31.4
2021-03-27 01:01:40	1.23	32.9
2021-03-27 01:02:30	1.64	36.4
2021-03-27 01:02:40	1.66	37.1
2021-03-27 01:02:50	1.53	38.1
2021-03-27 01:03:00	1.55	33.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-27 01:03:10	1.34	34.8
2021-03-27 01:03:20	1.28	33.4
2021-03-27 01:03:30	1.82	31.7
2021-03-27 01:03:40	1.79	31.2
2021-03-27 01:03:50	1.95	31.3
2021-03-27 01:04:00	1.93	31.3
2021-03-27 01:04:10	1.58	31.0
2021-03-27 01:04:20	1.74	30.8
2021-03-27 01:04:30	1.47	30.9
2021-03-27 01:04:40	1.38	31.1
2021-03-27 01:04:50	1.51	30.9
2021-03-27 01:05:00	1.32	30.7
2021-03-27 01:05:10	1.76	30.7
2021-03-27 01:05:20	2.13	30.8
2021-03-27 01:05:30	2.04	30.7
2021-03-27 01:05:40	2.13	30.6
2021-03-27 01:05:50	1.52	30.6
2021-03-27 01:06:00	1.54	30.6
2021-03-27 01:06:10	1.71	30.8
2021-03-27 01:06:20	1.90	30.7
2021-03-27 01:06:30	2.05	30.8
2021-03-27 01:06:40	2.19	30.7
2021-03-27 01:06:50	2.38	30.7
2021-03-27 01:07:00	2.53	30.8
2021-03-27 01:07:10	2.65	30.9
2021-03-27 01:07:20	2.31	30.8
2021-03-27 01:07:30	2.06	30.7
2021-03-27 01:07:40	1.81	30.9
2021-03-27 01:07:50	1.69	31.0
2021-03-27 01:08:00	1.44	31.0
2021-03-27 01:08:10	1.05	30.9
2021-03-27 01:08:20	0.98	30.8
2021-03-27 01:08:30	0.58	30.8
2021-03-27 01:08:40	0.73	30.6
2021-03-27 01:08:50	0.71	30.6
2021-03-27 01:09:00	1.35	30.7
2021-03-27 01:09:10	1.23	30.7
2021-03-27 01:09:20	1.10	30.8
2021-03-27 01:09:30	1.08	31.1
2021-03-27 01:09:40	1.13	31.0
2021-03-27 01:09:50	1.05	30.8
2021-03-27 01:10:00	1.41	31.0
2021-03-27 01:10:10	1.92	31.2
2021-03-27 01:10:20	2.07	32.5
2021-03-27 01:10:30	2.11	31.5
2021-03-27 01:10:40	1.74	31.4
2021-03-27 01:10:50	1.61	31.2
2021-03-27 01:11:00	1.43	32.1
2021-03-27 01:11:10	1.20	33.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-27 01:11:20	1.31	34.5
2021-03-27 01:11:30	1.25	33.7
2021-03-27 01:11:50	1.33	33.6
2021-03-27 01:12:00	1.14	32.1
2021-03-27 01:12:10	1.67	31.7
2021-03-27 01:12:20	1.32	32.2
2021-03-27 01:12:30	2.05	33.3
2021-03-27 01:12:40	1.79	33.2
2021-03-27 01:12:50	1.63	36.8
2021-03-27 01:13:40	1.07	32.8
2021-03-27 01:13:50	1.05	31.1
2021-03-27 01:14:00	1.31	30.9
2021-03-27 01:14:10	0.90	30.8
2021-03-27 01:14:20	1.03	30.9
2021-03-27 01:14:30	1.26	31.0
2021-03-27 01:14:40	1.61	30.8
2021-03-27 01:14:50	1.60	30.8
2021-03-27 01:15:00	1.15	30.8
2021-03-27 01:15:10	1.12	30.8
2021-03-27 01:15:20	0.94	30.7
2021-03-27 01:15:30	1.63	30.7
2021-03-27 01:15:40	1.70	30.6
2021-03-27 01:15:50	1.51	30.7
2021-03-27 01:16:00	1.36	30.6
2021-03-27 01:16:10	1.39	30.8
2021-03-27 01:16:20	1.25	30.7
2021-03-27 01:16:30	1.31	30.7
2021-03-27 01:16:40	1.80	30.9
2021-03-27 01:16:50	1.88	30.9
2021-03-27 01:17:00	1.85	30.9
2021-03-27 01:17:10	1.69	30.9
2021-03-27 01:17:20	1.37	31.0
2021-03-27 01:17:30	1.22	30.9
2021-03-27 01:17:40	1.22	31.0
2021-03-27 01:17:50	1.69	31.0
2021-03-27 01:18:00	1.51	30.9
2021-03-27 01:18:10	1.60	30.9
2021-03-27 01:18:20	1.36	31.0
2021-03-27 01:18:30	1.37	31.2
2021-03-27 01:18:40	0.98	31.3
2021-03-27 01:18:50	1.04	31.1
2021-03-27 01:19:00	1.23	31.1
2021-03-27 01:19:10	0.93	31.0
2021-03-27 01:19:20	0.87	31.0
2021-03-27 01:19:30	0.99	31.0
2021-03-27 01:19:40	1.15	31.0
2021-03-27 01:19:50	1.14	31.0
2021-03-27 01:20:00	0.94	30.9
2021-03-27 01:20:10	0.93	30.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-27 01:20:20	0.71	31.1
2021-03-27 01:20:30	0.86	31.1
2021-03-27 01:20:40	0.85	31.3
2021-03-27 01:20:50	0.91	31.4
2021-03-27 01:21:00	1.22	31.4
2021-03-27 01:21:10	1.30	31.8
2021-03-27 01:21:20	0.99	32.1
2021-03-27 01:21:30	1.07	31.8
2021-03-27 01:21:40	1.00	32.0
2021-03-27 01:21:50	1.13	32.0
2021-03-27 01:22:00	1.09	31.7
2021-03-27 01:22:10	0.97	32.4
2021-03-27 01:22:20	1.01	33.6
2021-03-27 01:24:20	0.82	32.4
2021-03-27 01:24:30	0.97	31.6
2021-03-27 01:24:40	0.86	31.1
2021-03-27 01:24:50	0.81	31.0
2021-03-27 01:25:00	0.77	30.9
2021-03-27 01:25:10	0.71	31.1
2021-03-27 01:25:20	0.69	31.8
2021-03-27 01:25:30	0.66	31.9
2021-03-27 01:25:40	0.79	31.2
2021-03-27 01:25:50	0.90	30.9
2021-03-27 01:26:00	0.66	30.8
2021-03-27 01:26:10	0.75	30.7
2021-03-27 01:26:20	0.87	30.6
2021-03-27 01:26:30	0.86	30.6
2021-03-27 01:26:40	0.71	30.7
2021-03-27 01:26:50	0.85	30.8
2021-03-27 01:27:00	0.87	30.8
2021-03-27 01:27:10	0.89	30.9
2021-03-27 01:27:20	0.82	30.8
2021-03-27 01:27:30	0.78	31.0
2021-03-27 01:27:40	0.83	31.1
2021-03-27 01:27:50	0.90	30.8
2021-03-27 01:28:00	0.87	30.8
2021-03-27 01:28:10	0.94	31.1
2021-03-27 01:28:20	0.88	30.9
2021-03-27 01:28:30	1.07	30.9
2021-03-27 01:28:40	1.14	31.4
2021-03-27 01:28:50	1.08	31.5
2021-03-27 01:29:00	1.12	31.4
2021-03-27 01:29:10	1.13	30.8
2021-03-27 01:29:20	1.12	31.5
2021-03-27 01:29:30	1.19	32.1
2021-03-27 01:29:40	1.18	31.0
2021-03-27 01:29:50	1.14	31.0
2021-03-27 01:30:00	1.12	31.5
2021-03-27 01:30:10	1.20	33.4

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-27 01:30:40	1.25	30.7
2021-03-27 01:56:40	0.80	30.1
2021-03-27 01:56:50	0.88	30.1
2021-03-27 01:57:00	0.75	30.1
2021-03-27 02:02:20	0.53	30.9
2021-03-27 02:02:30	0.50	30.2
2021-03-27 02:02:50	0.55	30.1
2021-03-27 02:03:20	0.62	30.0
2021-03-27 02:03:30	0.60	30.0
2021-03-27 02:03:40	0.57	30.1
2021-03-27 02:03:50	0.52	30.1
2021-03-27 02:07:20	0.50	35.9
2021-03-27 02:11:30	0.57	29.9
2021-03-27 02:11:40	0.64	29.9
2021-03-27 02:11:50	0.59	29.9
2021-03-27 02:12:00	0.59	29.9
2021-03-27 02:17:10	0.55	30.4
2021-03-27 02:17:20	0.62	30.2
2021-03-27 02:17:30	0.73	30.2
2021-03-27 02:17:40	0.68	30.1
2021-03-27 02:17:50	0.57	30.2
2021-03-27 02:18:00	0.61	30.2
2021-03-27 02:18:10	0.58	30.1
2021-03-27 02:18:20	0.71	30.3
2021-03-27 02:18:30	0.71	30.2
2021-03-27 02:18:40	0.60	30.4
2021-03-27 02:18:50	0.52	30.6
2021-03-27 02:19:00	0.50	30.4
2021-03-27 02:19:20	0.51	30.3
2021-03-27 02:19:30	0.54	30.4
2021-03-27 02:19:40	0.65	30.3
2021-03-27 02:19:50	0.52	30.7
2021-03-27 02:25:50	0.50	34.2
2021-03-27 02:28:00	0.55	30.0
2021-03-27 02:28:10	0.57	30.0
2021-03-27 02:28:20	0.53	30.0
2021-03-27 02:28:30	0.63	30.0
2021-03-27 02:28:40	0.66	30.0
2021-03-27 02:28:50	0.66	30.0
2021-03-27 02:29:00	0.68	30.0
2021-03-27 02:29:10	0.59	30.0
2021-03-27 02:29:20	0.60	30.0
2021-03-27 02:29:30	0.62	30.1
2021-03-27 02:29:40	0.61	30.1
2021-03-27 02:29:50	0.66	30.0
2021-03-27 02:30:00	0.55	30.3
2021-03-27 02:30:10	0.50	31.5
2021-03-27 02:55:40	1.10	29.9
2021-03-27 02:55:50	1.01	29.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-27 02:56:00	1.10	29.9
2021-03-27 02:56:10	1.08	29.9
2021-03-27 02:56:20	1.24	29.8
2021-03-27 02:56:30	1.13	29.8
2021-03-27 02:56:40	0.97	29.8
2021-03-27 02:56:50	0.83	29.8
2021-03-27 02:57:00	0.79	29.8
2021-03-27 02:57:10	0.90	29.8
2021-03-27 02:57:20	0.88	29.8
2021-03-27 02:57:30	1.28	29.9
2021-03-27 02:57:40	1.34	30.1
2021-03-27 02:57:50	0.95	31.3
2021-03-27 03:01:10	1.15	30.2
2021-03-27 03:01:20	1.44	30.0
2021-03-27 03:01:30	1.16	30.0
2021-03-27 03:01:40	1.21	30.0
2021-03-27 03:01:50	1.22	29.9
2021-03-27 03:02:00	1.10	29.8
2021-03-27 03:02:10	1.24	30.1
2021-03-27 03:02:20	1.16	30.0
2021-03-27 03:02:30	1.12	29.9
2021-03-27 03:02:40	0.98	30.1
2021-03-27 03:02:50	1.14	29.9
2021-03-27 03:03:00	1.06	29.9
2021-03-27 03:03:10	1.15	29.8
2021-03-27 03:03:20	1.10	29.8
2021-03-27 03:03:30	1.22	29.9
2021-03-27 03:03:40	1.06	29.9
2021-03-27 03:03:50	1.04	29.9
2021-03-27 03:04:00	1.14	29.9
2021-03-27 03:04:10	1.13	29.9
2021-03-27 03:04:20	1.09	30.6
2021-03-27 03:04:30	1.33	34.2
2021-03-27 03:05:20	1.16	34.0
2021-03-27 03:05:30	1.05	30.2
2021-03-27 03:05:40	1.04	30.3
2021-03-27 03:05:50	0.98	30.3
2021-03-27 03:06:00	0.85	30.1
2021-03-27 03:06:10	0.83	30.0
2021-03-27 03:06:20	0.75	30.0
2021-03-27 03:06:30	0.79	30.1
2021-03-27 03:06:40	0.71	30.1
2021-03-27 03:06:50	0.71	30.4
2021-03-27 03:07:00	0.80	30.3
2021-03-27 03:07:10	0.85	31.1
2021-03-27 03:07:20	0.91	31.1
2021-03-27 03:07:30	0.92	30.5
2021-03-27 03:07:40	0.90	30.0
2021-03-27 03:07:50	0.83	30.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-27 03:08:00	0.75	30.4
2021-03-27 03:08:10	1.07	30.1
2021-03-27 03:08:20	1.11	30.1
2021-03-27 03:08:30	0.98	30.1
2021-03-27 03:08:40	0.95	30.1
2021-03-27 03:08:50	0.74	30.4
2021-03-27 03:09:00	0.68	30.1
2021-03-27 03:09:10	0.71	30.1
2021-03-27 03:09:20	0.64	30.7
2021-03-27 03:09:30	0.73	31.5
2021-03-27 03:09:40	0.87	32.6
2021-03-27 03:09:50	0.74	34.0
2021-03-27 03:11:30	0.70	33.9
2021-03-27 03:11:40	0.61	31.4
2021-03-27 03:11:50	0.54	30.7
2021-03-27 03:12:00	0.71	30.0
2021-03-27 03:12:10	0.63	29.9
2021-03-27 03:13:00	0.64	29.9
2021-03-27 03:13:10	0.61	29.8
2021-03-27 03:13:20	0.64	29.8
2021-03-27 03:13:30	0.54	29.8
2021-03-27 03:13:40	0.51	29.8
2021-03-27 03:13:50	0.53	29.9
2021-03-27 03:14:00	0.63	29.9
2021-03-27 03:14:10	0.57	29.9
2021-03-27 03:14:20	0.61	29.9
2021-03-27 03:14:30	0.64	29.8
2021-03-27 03:14:40	0.71	29.8
2021-03-27 03:14:50	0.69	29.9
2021-03-27 03:15:00	0.80	29.8
2021-03-27 03:15:10	0.76	29.9
2021-03-27 03:15:20	0.75	29.9
2021-03-27 03:15:30	0.68	29.8
2021-03-27 03:15:40	0.70	29.9
2021-03-27 03:15:50	0.62	29.8
2021-03-27 03:16:00	0.75	29.8
2021-03-27 03:16:10	0.73	29.9
2021-03-27 03:16:20	0.79	30.0
2021-03-27 03:16:30	0.79	30.1
2021-03-27 03:16:40	0.81	29.9
2021-03-27 03:16:50	0.77	29.9
2021-03-27 03:17:00	0.82	30.0
2021-03-27 03:17:10	0.71	29.9
2021-03-27 03:17:20	0.75	30.1
2021-03-27 03:17:30	0.73	29.9
2021-03-27 03:17:40	0.70	30.0
2021-03-27 03:17:50	0.63	29.9
2021-03-27 03:18:00	0.60	29.9
2021-03-27 03:18:10	0.53	29.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-27 03:18:20	0.68	29.9
2021-03-27 03:18:30	0.76	29.9
2021-03-27 03:18:40	0.95	29.9
2021-03-27 03:18:50	0.97	30.0
2021-03-27 03:19:00	1.10	30.0
2021-03-27 03:19:10	1.18	30.0
2021-03-27 03:19:20	1.21	30.1
2021-03-27 03:19:30	1.25	30.0
2021-03-27 03:19:40	1.21	29.9
2021-03-27 03:19:50	1.19	30.0
2021-03-27 03:20:00	1.16	30.0
2021-03-27 03:20:10	1.05	29.9
2021-03-27 03:20:20	0.92	30.1
2021-03-27 03:20:30	0.71	30.0
2021-03-27 03:20:40	0.70	30.0
2021-03-27 03:20:50	0.75	30.0
2021-03-27 03:21:00	0.80	30.0
2021-03-27 03:21:10	0.97	30.0
2021-03-27 03:21:20	1.08	30.0
2021-03-27 03:21:30	0.96	30.0
2021-03-27 03:21:40	0.75	30.0
2021-03-27 03:21:50	1.13	30.0
2021-03-27 03:22:00	1.03	30.0
2021-03-27 03:22:10	1.03	30.0
2021-03-27 03:22:20	1.08	30.0
2021-03-27 03:22:30	0.95	30.1
2021-03-27 03:22:40	0.71	30.0
2021-03-27 03:22:50	0.74	30.0
2021-03-27 03:23:00	0.98	30.1
2021-03-27 03:23:10	1.17	30.0
2021-03-27 03:23:20	1.24	30.2
2021-03-27 03:23:30	1.15	30.4
2021-03-27 03:23:40	1.07	30.3
2021-03-27 03:23:50	0.91	30.5
2021-03-27 03:24:00	0.84	30.3
2021-03-27 03:24:10	0.89	30.5
2021-03-27 03:24:20	0.95	30.3
2021-03-27 03:24:30	0.76	30.5
2021-03-27 03:24:40	0.97	30.3
2021-03-27 03:24:50	0.92	30.2
2021-03-27 03:25:00	0.75	30.2
2021-03-27 03:25:10	0.62	30.1
2021-03-27 03:26:10	0.64	30.1
2021-03-27 03:26:20	0.52	30.1
2021-03-27 03:26:30	0.51	30.1
2021-03-27 03:30:20	0.53	30.2
2021-03-27 03:30:40	0.54	30.1
2021-03-27 03:30:50	0.53	30.3
2021-03-27 03:31:00	0.66	30.4

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-27 03:31:10	0.62	30.3
2021-03-27 03:31:20	0.56	30.1
2021-03-27 03:31:30	0.50	30.1
2021-03-27 04:10:50	0.57	29.7
2021-03-27 04:11:00	0.69	29.7
2021-03-27 04:11:10	0.63	29.7
2021-03-27 04:11:20	0.61	29.7
2021-03-27 04:12:00	0.58	29.8
2021-03-27 04:12:10	0.62	29.8
2021-03-27 04:12:20	0.65	29.7
2021-03-27 04:12:30	0.74	29.7
2021-03-27 04:12:40	0.74	29.7
2021-03-27 04:12:50	0.75	29.7
2021-03-27 04:13:00	0.78	29.7
2021-03-27 04:13:10	0.83	29.8
2021-03-27 04:13:20	0.76	29.7
2021-03-27 04:13:30	0.73	29.7
2021-03-27 04:13:40	0.74	29.8
2021-03-27 04:13:50	0.87	29.8
2021-03-27 04:14:00	0.93	29.9
2021-03-27 04:14:10	0.89	30.2
2021-03-27 04:14:20	0.80	30.5
2021-03-27 04:14:30	0.70	30.2
2021-03-27 04:15:20	0.55	31.0
2021-03-27 04:15:40	0.52	30.0
2021-03-27 04:18:00	0.51	29.8
2021-03-27 04:20:50	0.68	29.7
2021-03-27 04:21:00	0.58	29.7
2021-03-27 04:21:20	0.58	29.7
2021-03-27 04:21:30	0.64	29.7
2021-03-27 04:21:40	0.60	29.7
2021-03-27 04:21:50	0.92	29.9
2021-03-27 04:22:00	0.83	29.7
2021-03-27 04:22:10	0.63	29.7
2021-03-27 04:22:20	0.56	29.7
2021-03-27 04:22:30	0.59	29.7
2021-03-27 04:22:40	0.54	29.8
2021-03-27 04:22:50	0.56	29.7
2021-03-27 04:23:00	0.68	29.8
2021-03-27 04:23:10	0.64	29.8
2021-03-27 04:23:20	0.54	30.0
2021-03-27 04:24:40	0.84	32.9
2021-03-27 04:24:50	0.89	32.2
2021-03-27 04:25:00	0.89	31.9
2021-03-27 04:25:10	0.71	32.6
2021-03-27 04:25:20	0.85	31.4
2021-03-27 04:25:30	0.60	31.6
2021-03-27 04:25:40	0.53	30.7
2021-03-27 04:26:30	0.51	29.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-27 04:28:50	0.67	29.8
2021-03-27 04:29:00	1.01	29.8
2021-03-27 04:29:10	1.08	29.8
2021-03-27 04:29:20	1.08	29.8
2021-03-27 04:29:30	1.14	32.1
2021-03-27 04:29:40	1.24	32.2
2021-03-27 04:29:50	1.30	33.2
2021-03-27 04:30:00	1.36	33.6
2021-03-27 04:30:10	1.37	33.1
2021-03-27 04:30:20	1.38	32.4
2021-03-27 04:30:30	1.52	32.4
2021-03-27 04:30:40	1.72	32.7
2021-03-27 04:30:50	1.69	31.8
2021-03-27 04:31:00	1.44	30.9
2021-03-27 04:31:10	1.59	30.8
2021-03-27 04:31:20	1.40	29.7
2021-03-27 04:31:30	1.32	29.8
2021-03-27 04:31:40	1.23	30.2
2021-03-27 22:01:40	0.76	33.2
2021-03-27 22:01:50	1.27	33.8
2021-03-27 22:02:00	1.69	32.9
2021-03-27 22:02:10	1.52	32.9
2021-03-27 22:02:20	1.19	33.2
2021-03-27 22:02:30	0.96	34.1
2021-03-27 22:02:40	0.60	33.9
2021-03-27 22:02:50	1.00	33.4
2021-03-27 22:03:00	0.82	33.9
2021-03-27 22:03:10	1.90	33.9
2021-03-27 22:03:20	0.86	34.1
2021-03-27 22:04:20	1.64	37.7
2021-03-27 22:04:30	1.55	37.4
2021-03-27 22:04:40	2.18	34.4
2021-03-27 22:04:50	1.59	33.2
2021-03-27 22:05:00	1.46	32.8
2021-03-27 22:05:10	1.13	33.4
2021-03-27 22:05:20	0.98	33.8
2021-03-27 22:05:40	0.99	32.9
2021-03-27 22:05:50	1.58	33.6
2021-03-27 22:06:00	2.28	33.6
2021-03-27 22:06:10	1.51	33.7
2021-03-27 22:06:20	1.89	34.7
2021-03-27 22:07:50	3.08	35.6
2021-03-27 22:08:00	2.60	33.5
2021-03-27 22:08:10	2.52	33.2
2021-03-27 22:08:20	2.52	33.3
2021-03-27 22:08:30	1.88	32.7
2021-03-27 22:08:40	1.59	32.4
2021-03-27 22:08:50	1.35	32.4
2021-03-27 22:09:00	1.18	32.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-27 22:09:10	1.60	33.0
2021-03-27 22:09:20	1.54	32.6
2021-03-27 22:09:30	0.83	32.9
2021-03-27 22:09:40	2.02	32.7
2021-03-27 22:09:50	1.65	32.7
2021-03-27 22:10:00	1.21	32.4
2021-03-27 22:10:10	1.47	32.0
2021-03-27 22:10:20	0.99	31.8
2021-03-27 22:10:40	0.75	31.9
2021-03-27 22:10:50	0.86	32.1
2021-03-27 22:11:00	1.36	32.4
2021-03-27 22:11:10	0.89	31.8
2021-03-27 22:11:20	2.06	31.8
2021-03-27 22:11:30	1.54	31.8
2021-03-27 22:11:40	1.16	31.6
2021-03-27 22:11:50	1.40	31.6
2021-03-27 22:12:10	0.67	31.9
2021-03-27 22:12:20	2.39	31.9
2021-03-27 22:12:30	2.94	32.0
2021-03-27 22:12:40	2.24	31.9
2021-03-27 22:12:50	2.75	32.1
2021-03-27 22:13:00	1.82	32.8
2021-03-27 22:13:10	1.98	32.1
2021-03-27 22:13:20	1.65	31.9
2021-03-27 22:13:30	1.80	32.2
2021-03-27 22:13:40	1.34	32.1
2021-03-27 22:13:50	2.70	31.8
2021-03-27 22:14:00	1.72	32.2
2021-03-27 22:14:10	1.31	31.9
2021-03-27 22:14:20	1.47	32.0
2021-03-27 22:14:30	2.09	32.7
2021-03-27 22:14:40	1.46	32.1
2021-03-27 22:14:50	1.28	31.9
2021-03-27 22:15:00	2.47	31.7
2021-03-27 22:15:10	2.75	31.8
2021-03-27 22:15:20	1.56	32.1
2021-03-27 22:15:30	2.10	32.2
2021-03-27 22:15:40	2.41	32.2
2021-03-27 22:15:50	2.09	32.7
2021-03-27 22:16:00	2.18	34.3
2021-03-27 22:16:10	2.07	34.4
2021-03-27 22:16:20	1.90	34.4
2021-03-27 22:16:30	1.89	36.0
2021-03-27 22:16:40	2.21	34.2
2021-03-27 22:16:50	0.56	34.8
2021-03-27 22:17:00	1.82	35.8
2021-03-27 22:18:00	1.99	35.4
2021-03-27 22:18:10	2.19	35.5
2021-03-27 22:20:00	2.17	34.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-27 22:20:10	1.96	35.1
2021-03-27 22:20:30	2.34	34.6
2021-03-27 22:20:40	3.06	34.8
2021-03-27 22:20:50	1.63	33.1
2021-03-27 22:21:00	3.53	32.9
2021-03-27 22:21:10	3.30	32.9
2021-03-27 22:21:30	2.20	33.6
2021-03-27 22:21:40	3.49	33.8
2021-03-27 22:21:50	1.82	35.9
2021-03-27 22:22:20	1.18	33.6
2021-03-27 22:22:30	0.71	33.3
2021-03-27 22:22:40	1.10	34.2
2021-03-27 22:22:50	0.98	33.5
2021-03-27 22:23:00	0.99	34.5
2021-03-27 22:23:20	2.35	34.9
2021-03-27 22:23:30	3.05	36.8
2021-03-27 22:23:40	2.38	38.0
2021-03-27 22:24:50	0.70	34.2
2021-03-27 22:25:00	1.23	34.2
2021-03-27 22:25:10	0.95	33.7
2021-03-27 22:25:20	1.44	33.9
2021-03-27 22:25:30	1.01	33.8
2021-03-27 22:25:40	2.30	33.5
2021-03-27 22:25:50	2.95	35.4
2021-03-27 22:26:00	3.35	33.5
2021-03-27 22:26:10	2.67	33.2
2021-03-27 22:26:20	2.40	33.7
2021-03-27 22:26:30	1.79	33.4
2021-03-27 22:26:40	2.55	33.2
2021-03-27 22:26:50	2.47	33.6
2021-03-27 22:27:00	2.68	34.6
2021-03-27 22:27:10	1.94	34.0
2021-03-27 22:27:20	1.60	34.9
2021-03-27 22:27:30	1.43	35.4
2021-03-27 22:27:40	1.64	35.3
2021-03-27 22:27:50	1.89	33.9
2021-03-27 22:28:00	1.70	34.1
2021-03-27 22:28:10	3.84	34.7
2021-03-27 22:28:20	1.99	35.9
2021-03-27 22:28:30	1.58	37.3
2021-03-27 22:28:40	1.60	36.3
2021-03-27 22:29:00	2.91	37.3
2021-03-27 22:29:10	2.52	37.5
2021-03-27 22:29:20	2.00	36.7
2021-03-27 23:01:50	2.66	35.6
2021-03-27 23:02:00	1.34	36.0
2021-03-27 23:02:10	2.13	35.6
2021-03-27 23:02:20	2.46	35.8
2021-03-27 23:02:30	2.96	36.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-27 23:02:40	3.29	36.4
2021-03-27 23:02:50	2.54	37.3
2021-03-27 23:04:50	3.04	36.9
2021-03-27 23:05:00	2.34	36.5
2021-03-27 23:05:10	2.25	36.2
2021-03-27 23:05:20	0.91	36.3
2021-03-27 23:05:30	2.73	35.5
2021-03-27 23:05:50	1.32	35.6
2021-03-27 23:06:00	1.23	35.8
2021-03-27 23:06:10	1.31	35.8
2021-03-27 23:06:20	1.42	35.7
2021-03-27 23:06:30	3.85	35.9
2021-03-27 23:06:40	2.65	35.4
2021-03-27 23:06:50	1.95	34.8
2021-03-27 23:07:00	2.36	34.5
2021-03-27 23:07:10	1.13	34.7
2021-03-27 23:07:20	2.15	33.8
2021-03-27 23:07:40	1.82	34.3
2021-03-27 23:07:50	2.06	34.4
2021-03-27 23:08:00	1.93	35.1
2021-03-27 23:08:10	2.27	34.2
2021-03-27 23:08:20	3.18	34.6
2021-03-27 23:08:30	2.29	34.6
2021-03-27 23:08:40	2.01	34.5
2021-03-27 23:08:50	2.07	34.7
2021-03-27 23:09:00	1.16	34.6
2021-03-27 23:09:10	0.69	35.1
2021-03-27 23:09:20	1.25	34.4
2021-03-27 23:09:30	0.85	33.9
2021-03-27 23:09:40	1.35	34.2
2021-03-27 23:09:50	0.75	34.4
2021-03-27 23:10:00	1.69	34.1
2021-03-27 23:10:10	2.23	34.0
2021-03-27 23:10:20	1.94	34.1
2021-03-27 23:10:30	1.04	34.8
2021-03-27 23:10:40	1.49	35.3
2021-03-27 23:10:50	2.15	36.3
2021-03-27 23:11:00	1.20	35.7
2021-03-27 23:11:10	0.81	36.3
2021-03-27 23:11:20	1.21	36.1
2021-03-27 23:11:30	1.34	35.9
2021-03-27 23:11:40	1.92	34.4
2021-03-27 23:11:50	1.68	34.0
2021-03-27 23:12:00	3.12	36.0
2021-03-27 23:12:20	3.27	35.0
2021-03-28 03:02:10	1.05	36.5
2021-03-28 03:02:20	1.44	36.3
2021-03-28 03:02:30	1.78	36.8
2021-03-28 03:02:40	0.67	35.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-28 03:02:50	1.61	36.1
2021-03-28 03:03:00	1.97	35.8
2021-03-28 03:03:10	1.79	35.9
2021-03-28 03:03:20	1.74	35.7
2021-03-28 03:03:30	1.27	35.9
2021-03-28 03:03:40	1.92	35.9
2021-03-28 03:03:50	2.17	36.4
2021-03-28 03:04:00	2.58	36.6
2021-03-28 03:04:10	1.99	36.6
2021-03-28 03:04:20	2.15	37.0
2021-03-28 03:04:30	1.88	37.4
2021-03-28 03:04:50	2.67	37.3
2021-03-28 03:05:00	2.81	35.6
2021-03-28 03:05:10	2.36	35.2
2021-03-28 03:05:20	1.51	35.1
2021-03-28 03:05:50	3.25	40.1
2021-03-28 03:06:00	3.95	37.1
2021-03-28 03:06:10	4.34	40.7
2021-03-28 03:06:20	3.31	37.5
2021-03-28 03:06:30	3.89	37.5
2021-03-28 03:06:40	3.47	37.1
2021-03-28 03:06:50	3.48	37.0
2021-03-28 03:07:00	1.39	36.7
2021-03-28 03:07:10	2.95	36.5
2021-03-28 03:08:00	1.49	37.3
2021-03-28 03:08:10	1.61	38.2
2021-03-28 03:08:40	3.88	36.9
2021-03-28 03:09:30	3.39	37.9
2021-03-28 03:11:00	3.98	38.7
2021-03-28 03:11:10	3.42	39.0
2021-03-28 03:11:20	3.11	39.4
2021-03-28 03:11:30	1.05	38.9
2021-03-28 03:12:30	3.03	37.1
2021-03-28 03:12:50	2.82	39.3
2021-03-28 03:13:00	4.16	38.8
2021-03-28 03:13:10	3.69	39.5
2021-03-28 03:13:20	4.02	40.6
2021-03-28 03:14:00	1.60	35.6
2021-03-28 03:14:10	3.26	36.0
2021-03-28 03:14:20	1.07	35.9
2021-03-28 03:14:50	0.63	36.4
2021-03-28 03:15:00	2.62	35.5
2021-03-28 03:15:10	2.51	35.9
2021-03-28 03:15:20	1.79	36.2
2021-03-28 03:15:40	2.18	35.2
2021-03-28 03:15:50	0.79	35.4
2021-03-28 03:16:00	0.86	35.5
2021-03-28 03:16:10	0.83	34.5
2021-03-28 03:16:20	1.75	34.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-28 03:16:30	2.18	34.6
2021-03-28 03:16:40	2.18	35.2
2021-03-28 03:16:50	1.71	34.9
2021-03-28 03:17:00	2.34	34.9
2021-03-28 03:17:10	1.13	35.3
2021-03-28 03:17:20	1.53	35.9
2021-03-28 03:17:30	1.35	35.6
2021-03-28 03:18:20	2.37	36.6
2021-03-28 03:19:40	3.19	38.4
2021-03-28 03:19:50	2.89	36.6
2021-03-28 03:20:00	1.90	36.0
2021-03-28 03:20:20	2.65	34.5
2021-03-28 03:20:30	2.54	34.5
2021-03-28 03:20:40	2.19	34.7
2021-03-28 03:20:50	1.26	34.9
2021-03-28 03:21:00	0.74	34.9
2021-03-28 03:21:10	1.47	34.6
2021-03-28 03:21:20	1.19	34.0
2021-03-28 03:21:30	2.19	33.7
2021-03-28 03:21:40	1.63	33.9
2021-03-28 03:21:50	0.90	34.0
2021-03-28 03:22:00	1.60	34.8
2021-03-28 03:22:30	1.50	33.7
2021-03-28 03:22:40	1.66	34.0
2021-03-28 03:22:50	1.99	33.2
2021-03-28 03:23:00	2.28	35.3
2021-03-28 03:24:00	1.03	37.0
2021-03-28 03:24:10	1.58	36.8
2021-03-28 03:24:20	1.10	35.4
2021-03-28 03:24:40	0.84	34.6
2021-03-28 03:24:50	1.83	34.1
2021-03-28 03:25:20	0.81	33.4
2021-03-28 03:25:30	1.49	33.4
2021-03-28 03:25:50	1.30	33.7
2021-03-28 03:26:00	1.39	33.4
2021-03-28 03:26:10	1.31	33.2
2021-03-28 03:26:20	1.38	33.1
2021-03-28 03:26:30	2.39	33.0
2021-03-28 03:26:40	1.34	33.1
2021-03-28 03:26:50	0.52	33.4
2021-03-28 03:27:20	0.60	33.7
2021-03-28 03:27:40	0.57	34.7
2021-03-28 03:27:50	0.60	34.8
2021-03-28 03:28:00	1.28	34.6
2021-03-28 03:28:10	2.10	34.4
2021-03-28 03:28:20	2.68	34.4
2021-03-28 03:28:30	2.58	34.6
2021-03-28 03:28:40	2.05	35.1
2021-03-28 03:28:50	1.30	35.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-28 03:29:00	1.51	35.3
2021-03-28 03:29:10	0.80	35.0
2021-03-28 03:29:20	1.38	35.1
2021-03-28 03:29:30	2.01	35.9
2021-03-28 03:29:40	2.66	35.3
2021-03-28 03:29:50	2.31	35.6
2021-03-29 00:04:00	6.59	50.6
2021-03-29 00:08:10	6.48	46.1
2021-03-29 01:02:10	7.26	48.2
2021-03-29 01:02:50	5.41	45.7
2021-03-29 01:03:10	5.83	47.1
2021-03-29 01:04:00	4.82	44.7
2021-03-29 01:11:40	6.32	48.0
2021-03-29 01:12:30	6.03	45.9
2021-03-29 01:18:20	7.29	48.9
2021-03-29 01:20:40	6.92	46.4
2021-03-29 01:22:30	6.37	50.0
2021-03-29 01:24:40	6.87	47.8
2021-03-29 01:24:50	6.34	46.8
2021-03-29 01:26:00	6.20	47.8
2021-03-29 01:26:10	5.97	47.5
2021-03-29 01:26:20	5.67	44.2
2021-03-29 01:28:00	6.24	48.5
2021-03-29 01:28:20	6.50	48.2
2021-03-29 01:29:30	6.65	48.5
2021-03-29 02:02:10	5.67	42.7
2021-03-29 02:05:40	6.47	44.6
2021-03-29 02:06:10	6.04	47.0
2021-03-29 02:10:40	7.05	50.6
2021-03-29 02:11:00	6.17	47.6
2021-03-29 02:11:20	5.93	47.1
2021-03-29 02:11:30	6.80	45.8
2021-03-29 02:11:40	5.76	45.4
2021-03-29 02:11:50	5.59	44.5
2021-03-29 02:12:00	6.05	42.3
2021-03-29 02:14:10	6.15	47.4
2021-03-29 02:14:20	6.78	49.5
2021-03-29 02:19:30	7.49	49.7
2021-03-29 03:02:20	4.25	43.3
2021-03-29 03:02:30	3.99	42.1
2021-03-29 03:03:00	5.53	43.7
2021-03-29 03:03:10	4.80	41.1
2021-03-29 03:04:10	5.08	40.1
2021-03-29 03:04:30	4.02	41.6
2021-03-29 03:04:40	4.89	40.3
2021-03-29 03:04:50	4.69	41.0
2021-03-29 03:05:00	4.22	41.7
2021-03-29 03:05:30	5.91	45.2
2021-03-29 03:05:40	6.18	44.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-29 03:06:10	6.29	46.7
2021-03-29 03:06:20	7.28	49.2
2021-03-29 03:06:40	7.00	48.7
2021-03-29 03:06:50	6.92	49.7
2021-03-29 03:07:10	6.78	45.7
2021-03-29 03:07:20	6.19	44.0
2021-03-29 03:07:30	4.95	43.4
2021-03-29 03:07:50	5.66	46.2
2021-03-29 03:08:40	6.41	49.4
2021-03-29 03:08:50	5.96	43.4
2021-03-29 03:09:00	5.61	44.0
2021-03-29 03:09:10	5.08	44.0
2021-03-29 03:09:40	7.31	50.7
2021-03-29 03:09:50	7.07	50.1
2021-03-29 03:10:30	7.32	44.4
2021-03-29 03:10:40	5.93	44.5
2021-03-29 03:10:50	6.20	42.9
2021-03-29 03:11:00	5.41	42.7
2021-03-29 03:11:30	5.60	48.6
2021-03-29 03:12:30	5.63	43.9
2021-03-29 03:13:40	4.14	42.9
2021-03-29 03:14:00	5.66	43.1
2021-03-29 03:15:30	6.47	50.3
2021-03-29 03:16:50	6.76	44.3
2021-03-29 03:17:00	6.10	42.4
2021-03-29 03:17:10	5.04	40.4
2021-03-29 03:17:20	4.87	40.2
2021-03-29 03:17:40	5.39	41.0
2021-03-29 03:18:40	5.87	46.6
2021-03-29 03:19:00	5.99	44.0
2021-03-29 03:19:20	4.66	44.3
2021-03-29 03:19:40	5.54	46.4
2021-03-29 03:19:50	6.49	44.5
2021-03-29 03:20:30	6.59	44.7
2021-03-29 03:20:40	5.71	44.9
2021-03-29 03:20:50	5.47	44.0
2021-03-29 03:21:20	4.91	44.0
2021-03-29 03:21:30	5.33	44.2
2021-03-29 03:21:40	4.64	44.8
2021-03-29 03:21:50	4.61	44.9
2021-03-29 03:23:00	5.24	43.7
2021-03-29 03:23:10	6.02	46.8
2021-03-29 03:23:20	6.00	48.8
2021-03-29 03:24:00	7.31	46.3
2021-03-29 03:24:10	7.00	44.6
2021-03-29 03:24:20	6.01	45.7
2021-03-29 03:24:30	6.17	45.0
2021-03-29 03:25:40	6.29	46.2
2021-03-29 03:25:50	5.75	47.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-29 03:26:00	5.67	42.9
2021-03-29 03:27:00	6.05	45.8
2021-03-29 03:27:20	6.14	41.2
2021-03-29 03:27:50	6.44	44.9
2021-03-29 03:28:40	6.55	44.5
2021-03-29 03:28:50	6.14	43.6
2021-03-29 03:29:00	5.77	44.8
2021-03-29 03:29:10	5.80	45.5
2021-03-29 03:29:40	5.96	47.6
2021-03-29 03:29:50	6.48	47.1
2021-03-29 03:30:00	6.77	43.4
2021-03-29 04:03:50	6.80	48.8
2021-03-29 04:05:00	7.36	47.9
2021-03-29 04:05:10	6.44	47.1
2021-03-29 04:10:00	7.24	49.2
2021-03-29 04:11:50	7.09	47.4
2021-03-29 04:12:30	6.09	44.9
2021-03-29 04:13:30	6.11	42.8
2021-03-29 04:13:40	6.19	42.8
2021-03-29 04:14:10	7.01	45.3
2021-03-29 04:16:10	5.50	42.6
2021-03-29 04:16:20	5.35	41.8
2021-03-29 04:16:30	4.74	43.0
2021-03-29 04:16:40	4.73	43.3
2021-03-29 04:18:00	5.70	44.6
2021-03-29 04:18:50	6.55	43.6
2021-03-29 04:19:50	7.20	45.9
2021-03-29 04:20:00	6.44	48.9
2021-03-29 04:20:20	7.15	43.7
2021-03-29 04:20:30	5.16	43.5
2021-03-29 04:20:50	5.09	43.5
2021-03-29 04:21:00	4.66	42.8
2021-03-29 04:21:40	6.73	43.8
2021-03-29 04:21:50	5.66	45.7
2021-03-29 04:24:10	6.16	44.1
2021-03-29 04:24:20	5.88	43.8
2021-03-29 04:24:30	5.39	43.2
2021-03-29 04:24:40	5.01	42.2
2021-03-29 04:25:20	4.16	41.9
2021-03-29 04:25:30	3.95	38.7
2021-03-29 04:25:40	4.98	38.1
2021-03-29 04:25:50	3.98	37.6
2021-03-29 04:26:00	2.87	37.3
2021-03-29 04:26:10	3.78	42.0
2021-03-29 04:26:20	3.52	40.5
2021-03-29 04:26:30	5.14	39.7
2021-03-29 04:26:40	4.03	40.8
2021-03-29 04:27:50	6.63	40.2
2021-03-29 04:28:40	3.81	40.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-29 04:29:00	5.07	41.4
2021-03-29 04:29:40	6.06	40.8
2021-03-29 04:29:50	4.80	39.5
2021-03-29 04:30:00	4.45	39.5
2021-03-29 22:05:10	3.96	41.1
2021-03-29 22:06:30	2.48	38.4
2021-03-29 22:07:20	3.01	39.6
2021-03-29 22:07:50	2.54	38.5
2021-03-29 22:09:50	2.54	39.3
2021-03-29 22:10:20	4.99	38.8
2021-03-29 22:10:30	4.02	39.0
2021-03-29 22:10:50	2.91	38.7
2021-03-29 22:11:40	1.84	36.3
2021-03-29 22:11:50	2.68	35.8
2021-03-29 22:12:00	2.79	35.5
2021-03-29 22:12:10	2.57	35.4
2021-03-29 22:12:20	2.68	35.2
2021-03-29 22:12:30	2.42	35.8
2021-03-29 22:15:50	4.43	40.0
2021-03-29 22:17:40	4.94	36.4
2021-03-29 22:17:50	4.56	36.1
2021-03-29 22:18:00	1.78	37.4
2021-03-29 22:18:20	2.78	36.6
2021-03-29 22:18:40	3.04	35.6
2021-03-29 22:18:50	3.16	36.7
2021-03-29 22:19:00	3.39	36.3
2021-03-29 22:19:10	2.42	37.4
2021-03-29 22:19:30	2.58	35.7
2021-03-29 22:19:40	1.89	37.0
2021-03-29 22:19:50	2.22	35.1
2021-03-29 22:20:10	1.80	35.1
2021-03-29 22:20:20	1.53	38.7
2021-03-29 22:21:20	5.59	35.5
2021-03-29 22:21:30	3.62	36.6
2021-03-29 22:25:40	4.01	36.3
2021-03-29 22:27:20	3.25	37.6
2021-03-29 22:28:40	3.54	37.8
2021-03-29 23:03:00	3.90	40.9
2021-03-29 23:03:10	4.66	37.2
2021-03-29 23:03:20	4.12	36.1
2021-03-29 23:04:00	4.64	39.5
2021-03-29 23:05:40	5.21	36.4
2021-03-29 23:06:10	4.09	38.0
2021-03-29 23:09:30	3.87	40.2
2021-03-29 23:14:40	4.91	43.6
2021-03-29 23:16:30	5.97	39.5
2021-03-29 23:19:00	5.55	37.6
2021-03-29 23:24:10	5.52	39.4
2021-03-29 23:27:20	6.66	40.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-29 23:28:00	3.69	38.8
2021-03-30 00:03:30	5.67	39.6
2021-03-30 00:07:40	4.96	38.7
2021-03-30 00:07:50	3.44	38.8
2021-03-30 00:25:30	7.13	45.0
2021-03-30 01:04:10	5.00	39.4
2021-03-30 01:04:20	2.29	38.6
2021-03-30 01:05:00	4.35	38.0
2021-03-30 01:05:20	2.07	38.7
2021-03-30 01:06:30	4.68	44.0
2021-03-30 01:07:10	7.05	39.7
2021-03-30 01:09:00	5.26	40.8
2021-03-30 01:13:00	3.73	41.3
2021-03-30 01:13:10	5.72	40.7
2021-03-30 01:17:20	7.11	44.1
2021-03-30 01:23:30	5.50	41.7
2021-03-30 01:24:20	7.35	42.4
2021-03-30 01:25:40	7.26	42.9
2021-03-30 01:27:00	5.91	43.8
2021-03-30 01:27:10	5.87	42.1
2021-03-30 01:28:10	4.54	39.9
2021-03-30 02:05:10	6.81	46.0
2021-03-30 02:09:10	5.04	41.7
2021-03-30 02:09:50	5.20	43.0
2021-03-30 02:17:40	4.62	44.6
2021-03-30 02:17:50	6.21	41.8
2021-03-30 02:18:30	5.35	40.7
2021-03-30 03:11:40	6.19	44.5
2021-03-30 03:23:50	6.02	44.7
2021-03-30 03:25:20	4.35	40.3
2021-03-30 04:17:30	5.48	43.0
2021-03-30 04:19:50	7.38	42.3
2021-03-30 04:26:10	3.82	38.5
2021-03-30 22:05:20	5.07	46.8
2021-03-30 22:12:10	7.23	49.6
2021-03-30 22:22:40	6.67	50.9
2021-03-30 22:22:50	6.51	48.3
2021-03-31 04:22:00	5.50	44.8
2021-03-31 04:22:20	5.57	45.5
2021-03-31 04:22:40	5.79	46.6
2021-03-31 04:22:50	6.15	47.1
2021-03-31 04:23:00	5.70	44.7
2021-03-31 04:23:10	5.75	47.2
2021-03-31 04:23:50	7.01	44.6
2021-03-31 04:24:00	5.60	44.0
2021-03-31 04:25:20	6.49	45.0
2021-03-31 04:25:40	5.14	45.4
2021-03-31 04:25:50	6.18	46.2
2021-03-31 04:26:00	6.84	42.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-31 04:26:10	5.74	40.4
2021-03-31 04:26:20	4.77	39.6
2021-03-31 04:26:30	3.92	40.4
2021-03-31 04:26:40	4.07	42.0
2021-03-31 04:26:50	5.18	40.9
2021-03-31 04:27:00	5.77	42.0
2021-03-31 04:27:10	5.36	39.6
2021-03-31 04:27:20	4.22	40.0
2021-03-31 04:27:30	4.22	42.7
2021-03-31 04:27:40	5.47	41.5
2021-03-31 04:27:50	5.14	41.5
2021-03-31 04:28:30	4.92	39.1
2021-03-31 04:28:40	4.08	41.0
2021-03-31 04:28:50	5.04	41.3
2021-03-31 04:29:10	4.25	42.3
2021-03-31 04:29:20	5.19	43.0
2021-03-31 04:29:40	5.93	44.7
2021-03-31 04:29:50	5.94	39.3
2021-03-31 04:30:00	5.13	40.0
2021-03-31 04:30:10	3.98	40.2
2021-03-31 22:02:20	2.17	37.3
2021-03-31 22:03:30	4.46	42.0
2021-03-31 22:03:40	4.23	36.2
2021-03-31 22:03:50	4.29	35.0
2021-03-31 22:04:00	4.01	35.2
2021-03-31 22:04:10	4.14	33.9
2021-03-31 22:04:40	4.47	39.9
2021-03-31 22:05:00	4.80	38.9
2021-03-31 22:05:10	4.76	39.9
2021-03-31 22:05:20	4.14	38.3
2021-03-31 22:05:30	4.13	35.8
2021-03-31 22:05:40	3.84	36.2
2021-03-31 22:05:50	3.30	38.8
2021-03-31 22:06:00	4.34	38.7
2021-03-31 22:06:30	6.66	42.6
2021-03-31 22:06:50	5.60	42.0
2021-03-31 22:07:00	5.83	40.8
2021-03-31 22:07:50	3.29	37.5
2021-03-31 22:08:00	2.82	36.7
2021-03-31 22:08:10	3.09	37.3
2021-03-31 22:08:20	2.84	38.2
2021-03-31 22:08:30	2.29	37.9
2021-03-31 22:08:40	2.67	37.6
2021-03-31 22:08:50	2.85	36.0
2021-03-31 22:09:00	1.87	36.0
2021-03-31 22:09:10	3.24	39.4
2021-03-31 22:09:20	5.10	39.1
2021-03-31 22:09:30	4.32	40.1
2021-03-31 22:09:40	4.82	40.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-31 22:09:50	5.31	36.2
2021-03-31 22:10:00	4.57	37.0
2021-03-31 22:10:10	3.37	36.8
2021-03-31 22:10:20	3.78	36.5
2021-03-31 22:10:30	4.02	39.8
2021-03-31 22:10:40	3.90	39.3
2021-03-31 22:10:50	5.95	42.5
2021-03-31 22:11:00	5.05	43.3
2021-03-31 22:11:40	4.42	39.6
2021-03-31 22:13:10	5.74	41.0
2021-03-31 22:13:20	4.92	38.6
2021-03-31 22:13:30	4.62	36.4
2021-03-31 22:13:40	4.18	36.4
2021-03-31 22:13:50	4.33	37.9
2021-03-31 22:14:00	2.97	36.6
2021-03-31 22:14:10	4.00	36.8
2021-03-31 22:14:20	2.42	37.5
2021-03-31 22:14:30	3.80	36.5
2021-03-31 22:14:40	3.21	36.1
2021-03-31 22:14:50	3.31	35.9
2021-03-31 22:15:00	2.78	35.9
2021-03-31 22:15:10	3.31	35.6
2021-03-31 22:15:20	3.52	36.9
2021-03-31 22:15:30	4.64	38.7
2021-03-31 22:15:40	4.37	39.7
2021-03-31 22:15:50	4.70	39.4
2021-03-31 22:16:00	4.22	40.7
2021-03-31 22:17:00	2.61	38.8
2021-03-31 22:17:10	3.36	36.7
2021-03-31 22:17:20	3.08	36.2
2021-03-31 22:17:30	2.62	36.6
2021-03-31 22:17:40	3.24	34.9
2021-03-31 22:17:50	3.03	35.7
2021-03-31 22:18:00	3.14	35.4
2021-03-31 22:18:10	3.93	35.5
2021-03-31 22:18:20	3.95	37.4
2021-03-31 22:18:30	5.00	40.0
2021-03-31 22:18:40	4.64	36.4
2021-03-31 22:18:50	4.19	36.2
2021-03-31 22:19:40	3.36	37.6
2021-03-31 22:19:50	3.86	39.1
2021-03-31 22:20:00	4.40	36.3
2021-03-31 22:20:10	4.20	35.0
2021-03-31 22:20:20	4.14	35.7
2021-03-31 22:20:30	3.48	36.9
2021-03-31 22:20:40	4.68	36.3
2021-03-31 22:20:50	4.38	35.0
2021-03-31 22:21:00	4.23	36.9
2021-03-31 22:21:10	3.78	38.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-31 22:21:20	3.84	40.2
2021-03-31 22:21:30	3.63	40.4
2021-03-31 22:21:40	4.28	38.2
2021-03-31 22:21:50	4.44	38.1
2021-03-31 22:22:00	3.87	39.4
2021-03-31 22:22:10	3.78	41.4
2021-03-31 22:22:20	5.03	40.5
2021-03-31 22:22:30	4.35	40.0
2021-03-31 22:22:40	5.12	42.5
2021-03-31 22:24:20	3.43	39.1
2021-03-31 22:24:30	3.42	38.1
2021-03-31 22:24:40	4.21	41.9
2021-03-31 22:24:50	4.36	36.4
2021-03-31 22:25:00	4.28	34.0
2021-03-31 22:25:10	4.13	35.1
2021-03-31 22:25:20	3.06	33.0
2021-03-31 22:25:30	2.69	32.9
2021-03-31 22:26:30	3.52	36.6
2021-03-31 22:26:40	3.79	36.7
2021-03-31 22:26:50	2.93	37.4
2021-03-31 22:27:00	4.57	35.9
2021-03-31 22:27:10	4.32	34.5
2021-03-31 22:27:20	3.89	34.2
2021-03-31 22:27:30	3.82	34.7
2021-03-31 22:27:40	3.64	40.6
2021-03-31 22:28:20	2.47	35.9
2021-03-31 22:29:10	2.77	38.8
2021-03-31 22:29:20	2.99	35.9
2021-03-31 22:29:30	3.69	35.6
2021-03-31 22:29:40	4.00	35.0
2021-03-31 22:29:50	3.68	37.9
2021-03-31 23:01:50	2.07	33.2
2021-03-31 23:02:00	2.74	33.8
2021-03-31 23:02:10	3.20	38.3
2021-03-31 23:02:20	3.33	35.3
2021-03-31 23:02:30	5.13	36.2
2021-03-31 23:02:40	4.23	38.4
2021-03-31 23:02:50	3.24	38.2
2021-03-31 23:03:00	4.35	37.8
2021-03-31 23:03:10	3.88	34.3
2021-03-31 23:03:20	3.06	38.4
2021-03-31 23:03:30	4.45	34.4
2021-03-31 23:03:40	4.55	34.4
2021-03-31 23:03:50	3.94	35.5
2021-03-31 23:04:00	4.18	37.1
2021-03-31 23:04:10	4.74	36.9
2021-03-31 23:04:20	4.63	35.1
2021-03-31 23:04:30	4.07	40.8
2021-03-31 23:04:50	5.55	34.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-31 23:05:00	4.82	38.8
2021-03-31 23:05:10	4.57	37.3
2021-03-31 23:05:20	4.05	35.4
2021-03-31 23:05:30	3.15	35.3
2021-03-31 23:05:40	3.67	34.4
2021-03-31 23:05:50	4.07	33.4
2021-03-31 23:06:00	4.00	32.6
2021-03-31 23:06:10	3.25	32.7
2021-03-31 23:06:20	3.62	32.3
2021-03-31 23:06:30	3.15	31.9
2021-03-31 23:06:40	2.72	32.2
2021-03-31 23:06:50	2.91	32.6
2021-03-31 23:07:00	2.65	33.5
2021-03-31 23:07:10	3.27	32.9
2021-03-31 23:07:20	3.60	33.3
2021-03-31 23:07:30	3.55	34.0
2021-03-31 23:07:40	4.21	33.0
2021-03-31 23:07:50	4.08	34.3
2021-03-31 23:08:00	3.59	34.4
2021-03-31 23:08:10	3.67	35.1
2021-03-31 23:08:20	3.28	36.4
2021-03-31 23:08:30	4.68	35.1
2021-03-31 23:08:40	4.75	33.4
2021-03-31 23:08:50	4.16	35.9
2021-03-31 23:09:00	3.50	38.9
2021-03-31 23:09:10	4.63	42.5
2021-03-31 23:09:20	5.14	43.3
2021-03-31 23:09:30	5.71	37.9
2021-03-31 23:09:40	5.14	37.2
2021-03-31 23:09:50	4.82	36.5
2021-03-31 23:10:00	4.98	38.6
2021-03-31 23:10:10	4.96	35.7
2021-03-31 23:10:20	4.54	34.0
2021-03-31 23:10:30	3.66	33.5
2021-03-31 23:10:40	3.67	32.9
2021-03-31 23:10:50	3.54	33.4
2021-03-31 23:11:00	3.09	32.7
2021-03-31 23:11:10	3.07	31.8
2021-03-31 23:11:20	2.74	31.4
2021-03-31 23:11:30	2.48	31.5
2021-03-31 23:11:40	2.18	31.2
2021-03-31 23:11:50	1.65	31.1
2021-03-31 23:12:00	2.48	31.4
2021-03-31 23:12:10	2.33	32.0
2021-03-31 23:12:20	2.40	31.8
2021-03-31 23:12:30	3.18	32.2
2021-03-31 23:12:40	2.89	32.4
2021-03-31 23:12:50	3.21	32.5
2021-03-31 23:13:00	2.50	32.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-31 23:13:10	2.02	32.0
2021-03-31 23:13:20	2.41	32.4
2021-03-31 23:13:30	3.06	32.9
2021-03-31 23:13:40	4.04	32.8
2021-03-31 23:13:50	2.24	32.8
2021-03-31 23:14:00	2.14	36.4
2021-03-31 23:14:10	4.03	35.4
2021-03-31 23:14:20	4.57	33.7
2021-03-31 23:14:30	3.95	35.0
2021-03-31 23:14:40	3.49	34.1
2021-03-31 23:14:50	4.43	33.6
2021-03-31 23:15:00	3.86	38.0
2021-03-31 23:15:10	3.32	37.4
2021-03-31 23:15:20	4.62	34.5
2021-03-31 23:15:30	4.07	38.6
2021-03-31 23:15:40	3.86	38.7
2021-03-31 23:15:50	4.95	39.2
2021-03-31 23:16:00	4.96	34.6
2021-03-31 23:16:10	3.48	34.5
2021-03-31 23:16:20	3.16	36.5
2021-03-31 23:16:40	3.82	39.7
2021-03-31 23:16:50	5.60	42.8
2021-03-31 23:17:00	5.04	42.4
2021-03-31 23:17:10	6.10	38.0
2021-03-31 23:17:20	4.96	37.1
2021-03-31 23:18:50	4.26	38.8
2021-03-31 23:19:00	3.47	35.2
2021-03-31 23:19:10	2.49	34.7
2021-03-31 23:19:20	2.44	34.7
2021-03-31 23:19:30	2.76	32.8
2021-03-31 23:19:40	3.48	33.6
2021-03-31 23:19:50	3.21	33.2
2021-03-31 23:20:00	3.04	33.4
2021-03-31 23:20:10	3.23	33.3
2021-03-31 23:20:20	3.39	35.3
2021-03-31 23:20:30	3.68	33.2
2021-03-31 23:20:40	3.48	33.3
2021-03-31 23:20:50	3.70	33.1
2021-03-31 23:21:00	3.53	32.7
2021-03-31 23:21:10	3.07	32.7
2021-03-31 23:21:20	3.21	33.4
2021-03-31 23:21:30	2.69	33.2
2021-03-31 23:21:40	2.93	34.6
2021-03-31 23:21:50	3.61	34.1
2021-03-31 23:22:00	3.98	34.5
2021-03-31 23:22:10	3.95	34.4
2021-03-31 23:22:20	3.48	36.7
2021-03-31 23:22:30	3.41	37.3
2021-03-31 23:22:40	4.48	34.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-03-31 23:22:50	4.18	34.2
2021-03-31 23:23:00	3.96	32.7
2021-03-31 23:23:10	3.47	32.9
2021-03-31 23:23:20	3.40	33.7
2021-03-31 23:23:30	3.04	32.7
2021-03-31 23:23:40	3.26	32.2
2021-03-31 23:23:50	2.18	32.6
2021-03-31 23:24:00	2.64	33.0
2021-03-31 23:24:10	2.94	32.2
2021-03-31 23:24:20	3.85	32.3
2021-03-31 23:24:30	3.23	32.4
2021-03-31 23:24:40	3.49	32.9
2021-03-31 23:24:50	3.31	33.7
2021-03-31 23:25:00	3.15	39.3
2021-03-31 23:25:10	3.74	34.7
2021-03-31 23:25:20	4.66	35.7
2021-03-31 23:25:30	3.64	39.4
2021-03-31 23:25:40	4.75	37.3
2021-03-31 23:25:50	5.19	34.2
2021-03-31 23:26:00	4.59	33.8
2021-03-31 23:26:10	3.71	34.2
2021-03-31 23:26:20	4.09	34.5
2021-03-31 23:26:30	4.23	34.1
2021-03-31 23:26:40	4.28	35.5
2021-03-31 23:26:50	4.07	34.8
2021-03-31 23:27:00	3.80	32.9
2021-03-31 23:27:10	3.25	32.6
2021-03-31 23:27:20	2.75	33.6
2021-03-31 23:27:30	2.67	36.5
2021-03-31 23:27:40	3.72	37.1
2021-03-31 23:27:50	4.31	35.1
2021-03-31 23:28:00	4.44	34.6
2021-03-31 23:28:10	4.22	34.4
2021-03-31 23:28:20	4.14	33.4
2021-03-31 23:28:30	4.03	33.5
2021-03-31 23:28:40	3.54	33.7
2021-03-31 23:28:50	2.86	33.4
2021-03-31 23:29:00	3.10	33.3
2021-03-31 23:29:10	3.16	32.7
2021-03-31 23:29:20	2.72	33.2
2021-03-31 23:29:30	3.82	33.7
2021-03-31 23:30:10	3.53	38.2
2021-03-31 23:30:20	2.91	36.7
2021-04-01 00:02:10	3.16	34.0
2021-04-01 00:02:20	3.00	34.1
2021-04-01 00:02:30	3.02	34.1
2021-04-01 00:02:40	3.26	35.4
2021-04-01 00:02:50	3.21	38.8
2021-04-01 00:03:00	3.95	36.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-01 00:03:10	4.26	35.6
2021-04-01 00:03:20	3.18	34.8
2021-04-01 00:03:30	3.20	34.8
2021-04-01 00:03:40	3.12	36.4
2021-04-01 00:03:50	3.94	36.3
2021-04-01 00:04:00	4.57	36.7
2021-04-01 00:04:10	3.57	41.6
2021-04-01 00:04:20	3.72	40.4
2021-04-01 00:04:30	4.94	40.0
2021-04-01 00:05:20	5.55	40.9
2021-04-01 00:05:30	5.08	41.3
2021-04-01 00:05:40	4.33	38.0
2021-04-01 00:05:50	3.61	39.0
2021-04-01 00:06:10	4.82	41.9
2021-04-01 00:06:20	5.13	42.5
2021-04-01 00:06:30	5.37	39.9
2021-04-01 00:06:40	4.46	39.4
2021-04-01 00:07:00	4.34	39.6
2021-04-01 00:07:50	2.89	35.4
2021-04-01 00:08:00	3.18	34.5
2021-04-01 00:08:10	3.10	35.7
2021-04-01 00:08:20	2.56	36.6
2021-04-01 00:08:50	5.89	42.6
2021-04-01 00:09:00	5.52	39.7
2021-04-01 00:09:10	4.86	40.6
2021-04-01 00:09:20	4.85	39.7
2021-04-01 00:09:30	4.48	40.0
2021-04-01 00:09:40	4.28	42.3
2021-04-01 00:09:50	5.64	42.9
2021-04-01 00:10:00	5.90	39.2
2021-04-01 00:10:10	5.51	44.0
2021-04-01 00:10:40	4.93	41.8
2021-04-01 00:10:50	5.64	39.2
2021-04-01 00:11:00	4.33	39.2
2021-04-01 00:11:10	4.36	40.0
2021-04-01 00:12:00	6.86	43.3
2021-04-01 00:12:10	5.27	42.5
2021-04-01 00:12:20	4.91	41.1
2021-04-01 00:12:50	5.77	45.5
2021-04-01 00:13:00	6.22	42.0
2021-04-01 00:13:10	6.44	42.3
2021-04-01 00:13:20	5.27	43.0
2021-04-01 00:13:30	4.96	39.3
2021-04-01 00:13:40	4.84	38.5
2021-04-01 00:13:50	5.02	36.6
2021-04-01 00:14:00	3.86	35.6
2021-04-01 00:14:10	3.24	37.5
2021-04-01 00:15:10	6.37	41.8
2021-04-01 00:15:20	5.84	42.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-01 00:15:30	4.36	42.5
2021-04-01 00:16:40	5.73	41.6
2021-04-01 00:16:50	6.15	42.8
2021-04-01 00:17:00	6.10	43.3
2021-04-01 00:17:10	5.90	43.6
2021-04-01 00:17:20	5.45	41.7
2021-04-01 00:17:40	5.30	40.1
2021-04-01 00:18:10	5.40	37.0
2021-04-01 00:18:20	4.26	37.3
2021-04-01 00:18:30	3.81	38.3
2021-04-01 00:18:40	4.79	37.9
2021-04-01 00:18:50	4.85	38.2
2021-04-01 00:19:50	6.00	42.9
2021-04-01 00:20:30	6.05	43.1
2021-04-01 00:20:40	4.87	39.7
2021-04-01 00:20:50	5.28	38.7
2021-04-01 00:21:00	4.88	41.4
2021-04-01 00:21:10	4.70	38.1
2021-04-01 00:21:20	3.82	37.7
2021-04-01 00:21:30	3.75	39.7
2021-04-01 00:21:40	3.91	40.3
2021-04-01 00:21:50	4.86	40.0
2021-04-01 00:22:00	5.17	38.3
2021-04-01 00:22:10	4.56	39.3
2021-04-01 00:22:20	4.80	39.1
2021-04-01 00:22:30	4.45	39.0
2021-04-01 00:22:50	4.96	43.3
2021-04-01 00:23:00	5.90	41.3
2021-04-01 00:23:10	5.84	39.2
2021-04-01 00:23:20	4.94	39.6
2021-04-01 00:23:30	4.97	39.3
2021-04-01 00:23:40	4.59	37.9
2021-04-01 00:23:50	4.07	36.3
2021-04-01 00:24:00	4.16	35.8
2021-04-01 00:24:10	3.55	35.8
2021-04-01 00:24:20	3.16	34.9
2021-04-01 00:24:30	3.77	34.9
2021-04-01 00:24:40	3.16	35.2
2021-04-01 00:24:50	3.43	34.5
2021-04-01 00:25:00	3.28	34.2
2021-04-01 00:25:10	3.65	34.1
2021-04-01 00:25:20	3.34	34.3
2021-04-01 00:25:30	3.23	33.6
2021-04-01 00:25:40	2.70	33.3
2021-04-01 00:25:50	2.35	33.4
2021-04-01 00:26:00	2.58	33.1
2021-04-01 00:26:10	2.09	33.0
2021-04-01 00:26:20	2.02	33.1
2021-04-01 00:26:30	1.58	33.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-01 00:26:40	2.06	35.0
2021-04-01 00:26:50	2.45	34.7
2021-04-01 00:27:00	2.65	35.0
2021-04-01 00:27:10	3.74	34.0
2021-04-01 00:27:20	4.31	35.3
2021-04-01 00:27:30	3.72	34.1
2021-04-01 00:27:40	4.13	33.9
2021-04-01 00:27:50	3.97	33.3
2021-04-01 00:28:00	3.31	34.1
2021-04-01 00:28:10	2.46	34.3
2021-04-01 00:28:30	3.24	36.4
2021-04-01 00:28:40	5.01	37.2
2021-04-01 00:28:50	3.60	36.9
2021-04-01 00:29:00	4.11	36.2
2021-04-01 00:29:10	3.62	36.4
2021-04-01 00:29:20	2.88	38.8
2021-04-01 00:29:30	3.82	37.4
2021-04-01 00:29:40	4.61	37.3
2021-04-01 00:29:50	4.49	38.0
2021-04-01 01:01:50	4.22	35.0
2021-04-01 01:02:00	4.94	35.0
2021-04-01 01:02:10	3.92	36.8
2021-04-01 01:02:20	3.35	39.1
2021-04-01 01:02:30	3.46	38.1
2021-04-01 01:02:40	4.52	38.5
2021-04-01 01:02:50	3.28	39.7
2021-04-01 01:03:00	3.65	37.6
2021-04-01 01:03:10	2.82	36.7
2021-04-01 01:03:20	2.50	34.8
2021-04-01 01:03:30	2.23	35.2
2021-04-01 01:03:40	3.26	34.7
2021-04-01 01:03:50	3.34	34.4
2021-04-01 01:04:00	3.65	33.9
2021-04-01 01:04:10	4.01	34.5
2021-04-01 01:04:20	3.35	36.5
2021-04-01 01:04:30	3.29	39.7
2021-04-01 01:04:40	5.37	41.9
2021-04-01 01:04:50	4.82	40.3
2021-04-01 01:05:00	5.12	34.1
2021-04-01 01:05:10	3.98	33.7
2021-04-01 01:05:20	3.39	35.6
2021-04-01 01:05:30	3.78	33.4
2021-04-01 01:05:40	3.54	34.2
2021-04-01 01:05:50	3.43	34.2
2021-04-01 01:06:00	3.44	39.1
2021-04-01 01:06:20	6.09	43.7
2021-04-01 01:06:30	5.83	41.6
2021-04-01 01:06:40	5.63	42.4
2021-04-01 01:06:50	5.43	37.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-01 01:07:00	4.93	35.2
2021-04-01 01:07:10	3.95	34.8
2021-04-01 01:07:20	3.98	34.9
2021-04-01 01:07:30	3.72	34.4
2021-04-01 01:07:40	3.32	34.7
2021-04-01 01:07:50	4.02	35.6
2021-04-01 01:08:00	3.98	35.6
2021-04-01 01:08:10	3.81	40.8
2021-04-01 01:08:20	3.68	35.9
2021-04-01 01:08:30	5.14	34.6
2021-04-01 01:08:40	4.19	34.5
2021-04-01 01:08:50	3.57	34.1
2021-04-01 01:09:00	3.99	34.3
2021-04-01 01:09:10	3.35	34.0
2021-04-01 01:09:20	3.89	39.8
2021-04-01 01:10:00	4.90	40.9
2021-04-01 01:10:10	5.21	38.5
2021-04-01 01:10:20	4.29	37.4
2021-04-01 01:10:30	4.77	35.0
2021-04-01 01:10:40	4.28	36.7
2021-04-01 01:10:50	4.07	35.1
2021-04-01 01:11:00	4.08	39.0
2021-04-01 01:11:30	4.50	37.6
2021-04-01 01:11:40	3.95	36.2
2021-04-01 01:11:50	3.88	36.1
2021-04-01 01:12:00	2.88	34.7
2021-04-01 01:12:10	3.88	37.0
2021-04-01 01:12:20	4.13	37.8
2021-04-01 01:12:30	4.19	36.6
2021-04-01 01:12:40	3.75	36.3
2021-04-01 01:12:50	3.89	37.3
2021-04-01 01:13:00	4.36	35.8
2021-04-01 01:13:10	4.84	37.1
2021-04-01 01:13:20	4.62	36.0
2021-04-01 01:13:30	4.94	36.6
2021-04-01 01:13:40	3.73	36.6
2021-04-01 01:13:50	4.33	36.7
2021-04-01 01:14:00	3.90	35.6
2021-04-01 01:14:10	3.38	34.3
2021-04-01 01:14:20	2.95	33.9
2021-04-01 01:14:30	3.00	33.8
2021-04-01 01:14:40	2.72	33.1
2021-04-01 01:14:50	2.43	34.2
2021-04-01 01:15:00	2.79	35.7
2021-04-01 01:15:10	4.88	37.4
2021-04-01 01:15:20	5.71	35.6
2021-04-01 01:15:30	4.34	35.0
2021-04-01 01:15:40	3.60	34.5
2021-04-01 01:15:50	3.62	37.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-01 01:16:00	4.26	35.6
2021-04-01 01:16:10	4.20	34.7
2021-04-01 01:16:20	3.57	34.5
2021-04-01 01:16:30	3.64	35.4
2021-04-01 01:16:40	2.74	34.9
2021-04-01 01:16:50	2.87	37.3
2021-04-01 01:17:00	3.77	38.8
2021-04-01 01:17:10	5.16	42.2
2021-04-01 01:17:20	4.94	38.7
2021-04-01 01:17:30	5.51	37.4
2021-04-01 01:17:40	4.66	35.9
2021-04-01 01:17:50	4.58	35.4
2021-04-01 01:18:00	4.32	34.9
2021-04-01 01:18:10	4.19	33.6
2021-04-01 01:18:20	3.70	33.1
2021-04-01 01:18:30	3.15	32.8
2021-04-01 01:18:40	3.42	32.8
2021-04-01 01:18:50	3.99	33.9
2021-04-01 01:19:00	4.72	35.4
2021-04-01 01:19:10	3.03	35.3
2021-04-01 01:19:20	2.64	34.5
2021-04-01 01:19:30	2.65	34.3
2021-04-01 01:19:40	2.74	34.1
2021-04-01 01:19:50	2.69	33.5
2021-04-01 01:20:00	2.44	34.3
2021-04-01 01:20:10	2.82	33.9
2021-04-01 01:20:20	3.54	33.3
2021-04-01 01:20:30	4.00	33.7
2021-04-01 01:20:50	4.26	35.6
2021-04-01 01:21:00	3.65	35.3
2021-04-01 01:21:10	4.43	37.2
2021-04-01 01:21:20	4.23	37.5
2021-04-01 01:21:30	4.59	34.0
2021-04-01 01:21:40	4.05	34.2
2021-04-01 01:21:50	3.58	32.8
2021-04-01 01:22:00	3.31	34.5
2021-04-01 01:22:10	2.73	36.2
2021-04-01 01:22:20	3.11	33.7
2021-04-01 01:22:30	3.18	34.4
2021-04-01 01:22:40	2.56	34.1
2021-04-01 01:22:50	2.69	36.2
2021-04-01 01:23:00	3.07	35.8
2021-04-01 01:23:10	2.96	36.6
2021-04-01 01:23:20	3.93	36.8
2021-04-01 01:23:30	4.63	36.5
2021-04-01 01:23:40	4.29	38.5
2021-04-01 01:23:50	4.97	36.9
2021-04-01 01:24:00	5.19	35.7
2021-04-01 01:24:10	4.34	34.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-01 01:24:20	4.18	35.1
2021-04-01 01:24:30	4.14	34.2
2021-04-01 01:24:40	4.16	34.3
2021-04-01 01:24:50	3.32	34.5
2021-04-01 01:25:00	3.82	33.6
2021-04-01 01:25:10	3.30	33.0
2021-04-01 01:25:20	2.82	32.8
2021-04-01 01:25:30	2.44	33.7
2021-04-01 01:25:40	2.48	34.5
2021-04-01 01:25:50	2.59	33.8
2021-04-01 01:26:00	2.93	35.0
2021-04-01 01:26:10	2.47	34.7
2021-04-01 01:26:20	2.88	34.6
2021-04-01 01:26:30	3.83	33.3
2021-04-01 01:26:40	3.81	34.6
2021-04-01 01:26:50	3.18	34.1
2021-04-01 01:27:00	3.77	34.2
2021-04-01 01:27:10	3.56	34.5
2021-04-01 01:27:20	3.76	33.6
2021-04-01 01:27:30	3.64	34.1
2021-04-01 01:27:40	2.75	33.6
2021-04-01 01:27:50	3.22	34.1
2021-04-01 01:28:00	3.30	33.9
2021-04-01 01:28:10	2.93	33.3
2021-04-01 01:28:20	2.25	33.6
2021-04-01 01:28:30	3.30	33.4
2021-04-01 01:28:40	3.16	33.9
2021-04-01 01:28:50	3.04	33.5
2021-04-01 01:29:00	4.08	33.1
2021-04-01 01:29:10	3.99	34.0
2021-04-01 01:29:20	3.26	33.4
2021-04-01 01:29:30	3.96	33.7
2021-04-01 01:29:40	3.58	34.0
2021-04-01 01:29:50	3.72	34.1
2021-04-01 01:30:00	3.81	33.2
2021-04-01 01:30:10	3.57	32.9
2021-04-01 01:30:20	3.16	34.2
2021-04-01 02:02:00	3.72	34.4
2021-04-01 02:02:10	4.07	34.7
2021-04-01 02:02:40	4.96	40.6
2021-04-01 02:02:50	4.23	39.4
2021-04-01 02:03:00	4.61	41.2
2021-04-01 02:03:10	4.27	38.9
2021-04-01 02:03:40	5.85	38.0
2021-04-01 02:03:50	4.83	39.8
2021-04-01 02:04:00	4.09	41.9
2021-04-01 02:04:10	5.32	40.5
2021-04-01 02:04:20	5.05	39.0
2021-04-01 02:04:30	4.87	36.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-01 02:04:40	4.22	35.8
2021-04-01 02:04:50	3.98	34.4
2021-04-01 02:05:00	3.52	34.3
2021-04-01 02:05:10	2.96	34.4
2021-04-01 02:06:00	4.64	36.1
2021-04-01 02:06:10	4.51	35.5
2021-04-01 02:06:20	3.81	34.8
2021-04-01 02:06:30	4.23	39.2
2021-04-01 02:06:40	4.36	38.7
2021-04-01 02:06:50	5.14	42.6
2021-04-01 02:07:30	4.16	40.8
2021-04-01 02:07:40	4.33	40.3
2021-04-01 02:07:50	5.17	37.2
2021-04-01 02:08:00	4.00	38.6
2021-04-01 02:08:30	5.12	39.4
2021-04-01 02:08:40	5.08	41.0
2021-04-01 02:08:50	4.90	39.3
2021-04-01 02:09:40	4.14	37.1
2021-04-01 02:09:50	4.12	36.1
2021-04-01 02:10:00	3.42	33.4
2021-04-01 02:10:10	3.67	33.2
2021-04-01 02:10:20	3.18	33.0
2021-04-01 02:10:30	4.54	33.8
2021-04-01 02:10:40	3.62	38.2
2021-04-01 02:10:50	4.53	43.4
2021-04-01 02:11:00	5.64	38.5
2021-04-01 02:11:10	4.53	38.9
2021-04-01 02:11:20	4.45	39.1
2021-04-01 02:11:30	5.66	38.2
2021-04-01 02:11:40	5.30	36.7
2021-04-01 02:11:50	5.01	36.0
2021-04-01 02:12:00	4.96	36.5
2021-04-01 02:12:10	4.50	38.2
2021-04-01 02:12:20	3.77	38.5
2021-04-01 02:12:30	4.24	37.8
2021-04-01 02:12:40	4.25	35.7
2021-04-01 02:12:50	3.28	36.2
2021-04-01 02:13:00	3.29	35.0
2021-04-01 02:13:10	3.81	33.7
2021-04-01 02:13:20	2.94	33.7
2021-04-01 02:13:30	2.74	33.9
2021-04-01 02:14:20	3.05	35.3
2021-04-01 02:14:30	2.71	33.8
2021-04-01 02:14:40	2.16	33.4
2021-04-01 02:14:50	2.70	33.5
2021-04-01 02:15:00	2.90	33.4
2021-04-01 02:15:10	2.75	35.4
2021-04-01 02:15:20	3.06	36.8
2021-04-01 02:15:30	3.38	33.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-01 02:15:40	2.70	33.4
2021-04-01 02:15:50	2.29	33.4
2021-04-01 02:16:00	2.99	33.9
2021-04-01 02:16:10	3.39	35.1
2021-04-01 02:17:10	3.17	35.2
2021-04-01 02:17:20	2.83	38.1
2021-04-01 02:17:30	2.32	34.5
2021-04-01 02:17:40	2.77	35.5
2021-04-01 02:17:50	3.12	33.9
2021-04-01 02:18:00	2.67	33.9
2021-04-01 02:18:10	2.45	34.2
2021-04-01 02:18:20	2.43	37.9
2021-04-01 02:18:30	4.14	34.9
2021-04-01 02:18:40	4.57	34.5
2021-04-01 02:18:50	3.92	33.4
2021-04-01 02:19:00	3.55	34.0
2021-04-01 02:19:10	3.16	32.9
2021-04-01 02:19:20	4.20	32.9
2021-04-01 02:19:30	3.42	33.0
2021-04-01 02:19:40	2.70	32.1
2021-04-01 02:19:50	3.20	32.4
2021-04-01 02:20:00	3.15	32.7
2021-04-01 02:20:10	2.89	33.7
2021-04-01 02:20:20	2.80	33.0
2021-04-01 02:20:30	3.15	33.3
2021-04-01 02:20:40	3.76	36.2
2021-04-01 02:20:50	3.76	36.0
2021-04-01 02:21:00	4.98	36.2
2021-04-01 02:21:10	5.05	39.2
2021-04-01 02:21:20	4.46	36.1
2021-04-01 02:21:30	4.92	35.9
2021-04-01 02:21:40	4.70	42.3
2021-04-01 02:21:50	4.82	37.5
2021-04-01 02:22:00	4.68	37.3
2021-04-01 02:22:10	4.08	35.0
2021-04-01 02:22:20	3.89	34.8
2021-04-01 02:22:30	4.06	33.5
2021-04-01 02:22:40	3.83	33.5
2021-04-01 02:22:50	3.11	33.6
2021-04-01 02:23:00	3.43	33.6
2021-04-01 02:23:10	3.30	34.7
2021-04-01 02:23:20	3.88	34.4
2021-04-01 02:23:30	3.44	34.7
2021-04-01 02:23:40	3.04	33.3
2021-04-01 02:23:50	2.65	32.9
2021-04-01 02:24:00	3.01	33.1
2021-04-01 02:24:10	3.21	33.2
2021-04-01 02:24:20	2.72	34.1
2021-04-01 02:24:30	3.27	35.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-01 02:24:40	4.20	34.4
2021-04-01 02:24:50	4.25	34.2
2021-04-01 02:25:00	3.52	34.1
2021-04-01 02:25:10	3.16	35.0
2021-04-01 02:25:20	3.89	35.2
2021-04-01 02:25:30	3.72	35.0
2021-04-01 02:25:40	3.70	35.3
2021-04-01 02:25:50	4.23	39.7
2021-04-01 02:26:00	4.88	35.3
2021-04-01 02:26:10	4.89	33.0
2021-04-01 02:26:20	3.63	33.0
2021-04-01 02:26:30	3.05	33.3
2021-04-01 02:26:40	3.18	33.5
2021-04-01 02:26:50	3.67	33.7
2021-04-01 02:27:00	3.96	34.2
2021-04-01 02:27:10	3.63	35.3
2021-04-01 02:28:00	2.85	39.2
2021-04-01 02:28:10	3.37	36.1
2021-04-01 02:28:20	3.01	33.9
2021-04-01 02:28:30	3.45	35.1
2021-04-01 02:28:40	3.29	38.9
2021-04-01 02:28:50	4.49	40.1
2021-04-01 02:29:00	5.39	41.1
2021-04-01 02:29:10	5.33	36.3
2021-04-01 02:29:20	4.33	35.6
2021-04-01 02:29:30	3.94	34.2
2021-04-01 02:29:40	3.81	34.6
2021-04-01 02:29:50	3.15	34.9
2021-04-01 02:30:00	3.19	36.4
2021-04-01 03:01:50	3.23	33.1
2021-04-01 03:02:00	3.19	32.8
2021-04-01 03:02:10	3.23	33.1
2021-04-01 03:02:20	3.16	33.2
2021-04-01 03:02:30	3.69	32.4
2021-04-01 03:02:40	4.26	32.9
2021-04-01 03:02:50	3.76	33.2
2021-04-01 03:03:00	4.05	32.9
2021-04-01 03:03:10	3.60	32.9
2021-04-01 03:03:20	3.12	33.5
2021-04-01 03:03:30	2.91	35.1
2021-04-01 03:03:40	3.79	36.8
2021-04-01 03:03:50	3.27	36.5
2021-04-01 03:04:00	3.68	36.6
2021-04-01 03:04:10	4.55	34.1
2021-04-01 03:04:20	4.22	32.9
2021-04-01 03:04:30	3.93	32.6
2021-04-01 03:04:40	3.28	32.9
2021-04-01 03:04:50	2.99	35.6
2021-04-01 03:05:00	3.05	36.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-01 03:05:10	5.10	40.2
2021-04-01 03:05:20	5.05	40.3
2021-04-01 03:05:30	5.43	36.5
2021-04-01 03:05:40	5.14	35.4
2021-04-01 03:05:50	4.27	35.3
2021-04-01 03:06:00	4.26	34.6
2021-04-01 03:06:10	3.10	35.0
2021-04-01 03:06:20	2.72	35.5
2021-04-01 03:06:40	4.88	38.1
2021-04-01 03:06:50	4.35	35.8
2021-04-01 03:07:30	3.54	41.4
2021-04-01 03:07:40	3.10	36.9
2021-04-01 03:07:50	3.12	35.7
2021-04-01 03:08:00	3.03	35.3
2021-04-01 03:08:50	2.18	34.7
2021-04-01 03:09:00	3.51	34.4
2021-04-01 03:09:10	4.49	35.6
2021-04-01 03:09:20	3.68	38.2
2021-04-01 03:09:30	4.35	35.4
2021-04-01 03:09:40	4.25	34.8
2021-04-01 03:09:50	4.21	34.0
2021-04-01 03:10:00	3.54	33.8
2021-04-01 03:10:10	3.79	34.3
2021-04-01 03:10:20	3.16	35.2
2021-04-01 03:10:30	3.45	33.9
2021-04-01 03:10:40	3.43	32.9
2021-04-01 03:10:50	3.88	33.0
2021-04-01 03:11:00	3.76	32.6
2021-04-01 03:11:10	2.88	32.9
2021-04-01 03:11:20	2.90	33.0
2021-04-01 03:11:30	2.78	33.1
2021-04-01 03:11:40	2.70	33.1
2021-04-01 03:11:50	3.67	32.8
2021-04-01 03:12:00	3.54	32.8
2021-04-01 03:12:10	2.86	33.1
2021-04-01 03:12:20	2.61	33.8
2021-04-01 03:12:30	2.92	33.6
2021-04-01 03:12:40	2.46	33.7
2021-04-01 03:12:50	2.74	34.3
2021-04-01 03:13:00	2.27	34.4
2021-04-01 03:13:10	2.77	33.8
2021-04-01 03:13:20	3.05	33.8
2021-04-01 03:13:30	3.72	33.6
2021-04-01 03:13:40	2.85	33.6
2021-04-01 03:13:50	2.87	34.2
2021-04-01 03:14:00	2.84	33.9
2021-04-01 03:14:10	3.03	34.2
2021-04-01 03:14:30	3.58	36.1
2021-04-01 03:14:40	4.09	37.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-01 03:14:50	4.56	37.5
2021-04-01 03:15:00	4.29	34.8
2021-04-01 03:15:10	3.46	34.5
2021-04-01 03:15:20	3.60	35.9
2021-04-01 03:15:30	3.16	35.4
2021-04-01 03:15:50	3.39	37.3
2021-04-01 03:16:00	5.44	37.4
2021-04-01 03:16:10	4.37	40.5
2021-04-01 03:16:20	4.73	37.9
2021-04-01 03:16:30	4.93	36.2
2021-04-01 03:16:40	3.41	35.5
2021-04-01 03:16:50	2.64	34.3
2021-04-01 03:17:00	3.39	35.3
2021-04-01 03:17:10	3.64	36.5
2021-04-01 03:18:40	3.95	39.7
2021-04-01 03:18:50	3.90	37.3
2021-04-01 03:19:00	3.72	36.2
2021-04-01 03:19:10	3.31	37.7
2021-04-01 03:19:20	2.84	38.9
2021-04-01 03:19:40	4.84	40.8
2021-04-01 03:19:50	4.54	39.6
2021-04-01 03:20:00	4.48	38.8
2021-04-01 03:20:10	3.94	39.6
2021-04-01 03:20:20	3.45	40.3
2021-04-01 03:20:40	5.26	39.0
2021-04-01 03:20:50	6.29	41.9
2021-04-01 03:21:20	6.98	45.9
2021-04-01 03:21:30	6.66	42.9
2021-04-01 03:22:40	6.58	49.1
2021-04-01 03:22:50	6.88	45.3
2021-04-01 03:24:10	6.24	45.7
2021-04-01 03:24:20	6.50	43.6
2021-04-01 03:24:40	6.13	44.5
2021-04-01 03:24:50	5.77	39.4
2021-04-01 03:25:00	5.14	38.4
2021-04-01 03:25:10	4.16	40.9
2021-04-01 03:25:20	4.23	42.7
2021-04-01 03:25:30	4.11	42.6
2021-04-01 03:25:40	4.35	40.4
2021-04-01 03:26:30	6.31	42.4
2021-04-01 03:26:50	5.29	43.6
2021-04-01 03:27:00	6.66	42.1
2021-04-01 03:27:10	5.43	43.0
2021-04-01 03:27:20	6.29	42.6
2021-04-01 03:28:10	4.88	43.2
2021-04-01 03:28:20	5.34	41.6
2021-04-01 03:28:30	4.38	40.2
2021-04-01 03:28:50	4.03	39.4
2021-04-01 03:29:20	6.97	46.4

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-01 03:29:30	7.00	44.2
2021-04-01 03:29:40	6.42	44.4
2021-04-01 03:29:50	6.01	46.7
2021-04-01 03:30:00	4.69	42.5
2021-04-01 03:30:10	5.60	42.9
2021-04-01 04:02:50	6.68	45.7
2021-04-01 04:03:10	6.45	43.3
2021-04-01 04:03:20	6.43	46.7
2021-04-01 04:04:10	5.87	45.1
2021-04-01 04:04:20	6.06	44.4
2021-04-01 04:04:30	6.04	40.0
2021-04-01 04:04:40	4.80	38.7
2021-04-01 04:04:50	4.68	40.5
2021-04-01 04:05:10	4.73	42.5
2021-04-01 04:05:20	5.42	42.5
2021-04-01 04:05:40	4.41	43.2
2021-04-01 04:05:50	5.69	40.7
2021-04-01 04:06:00	4.53	42.1
2021-04-01 04:06:10	3.93	41.5
2021-04-01 04:06:20	5.19	40.2
2021-04-01 04:06:30	3.99	39.4
2021-04-01 04:06:40	4.47	40.7
2021-04-01 04:06:50	4.24	41.3
2021-04-01 04:07:00	3.81	41.4
2021-04-01 04:07:10	4.05	41.9
2021-04-01 04:08:00	5.98	47.2
2021-04-01 04:09:00	7.02	43.8
2021-04-01 04:09:10	6.11	41.8
2021-04-01 04:09:20	5.61	46.5
2021-04-01 04:09:40	5.63	43.8
2021-04-01 04:09:50	5.83	43.1
2021-04-01 04:10:00	5.52	39.8
2021-04-01 04:10:10	5.45	38.2
2021-04-01 04:10:20	4.28	38.5
2021-04-01 04:10:30	5.09	39.3
2021-04-01 04:11:10	7.11	46.9
2021-04-01 04:11:20	5.90	41.4
2021-04-01 04:12:30	4.14	42.2
2021-04-01 04:12:40	5.02	41.5
2021-04-01 04:12:50	4.09	38.8
2021-04-01 04:13:00	5.06	37.8
2021-04-01 04:13:10	4.40	41.7
2021-04-01 04:13:20	4.20	38.7
2021-04-01 04:13:30	5.36	39.8
2021-04-01 04:13:40	4.46	39.6
2021-04-01 04:13:50	4.43	37.1
2021-04-01 04:14:00	4.68	36.5
2021-04-01 04:14:10	4.16	36.2
2021-04-01 04:14:20	3.64	36.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-01 04:14:30	3.23	38.1
2021-04-01 04:14:40	4.01	37.7
2021-04-01 04:15:20	5.61	44.0
2021-04-01 04:15:40	5.18	40.8
2021-04-01 04:15:50	3.75	41.0
2021-04-01 04:16:00	3.97	39.0
2021-04-01 04:16:10	4.19	37.4
2021-04-01 04:16:20	4.31	39.6
2021-04-01 04:16:50	3.89	41.0
2021-04-01 04:17:20	6.05	46.2
2021-04-01 04:17:30	6.72	47.0
2021-04-01 04:17:40	5.55	49.0
2021-04-01 04:18:00	5.51	41.5
2021-04-01 04:18:10	5.04	41.2
2021-04-01 04:18:30	4.71	41.4
2021-04-01 04:18:40	5.10	39.8
2021-04-01 04:19:10	3.58	41.5
2021-04-01 04:19:20	4.16	40.7
2021-04-01 04:19:50	5.95	41.5
2021-04-01 04:20:00	6.03	39.4
2021-04-01 04:20:10	5.19	40.4
2021-04-01 04:20:40	5.55	42.1
2021-04-01 04:20:50	5.35	43.2
2021-04-01 04:21:10	5.06	45.1
2021-04-01 04:21:20	6.20	47.1
2021-04-01 04:21:40	6.16	45.8
2021-04-01 04:21:50	5.91	45.7
2021-04-01 04:22:00	5.76	47.0
2021-04-01 04:24:10	5.53	42.6
2021-04-01 04:26:00	6.26	48.1
2021-04-01 04:26:10	6.99	48.8
2021-04-01 04:26:40	7.45	43.6
2021-04-01 04:29:00	7.03	49.0
2021-04-01 04:29:10	7.00	46.8
2021-04-01 04:30:10	6.98	46.9
2021-04-01 22:01:50	2.41	31.6
2021-04-01 22:02:00	1.89	31.5
2021-04-01 22:02:10	2.38	31.4
2021-04-01 22:02:20	2.28	31.2
2021-04-01 22:02:30	1.99	31.0
2021-04-01 22:02:40	2.13	31.1
2021-04-01 22:02:50	2.32	31.2
2021-04-01 22:03:00	2.64	31.2
2021-04-01 22:03:10	2.66	31.8
2021-04-01 22:03:20	2.39	31.1
2021-04-01 22:03:30	2.10	31.2
2021-04-01 22:03:40	1.81	32.3
2021-04-01 22:03:50	2.22	34.7
2021-04-01 22:04:00	2.08	31.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-01 22:04:10	2.44	34.1
2021-04-01 22:04:20	2.52	32.7
2021-04-01 22:05:20	2.41	34.9
2021-04-01 22:05:30	1.96	32.0
2021-04-01 22:05:40	1.79	31.6
2021-04-01 22:05:50	2.19	31.5
2021-04-01 22:06:00	1.76	31.3
2021-04-01 22:06:10	2.18	31.3
2021-04-01 22:06:20	1.92	31.1
2021-04-01 22:06:30	2.03	31.5
2021-04-01 22:06:40	2.39	33.5
2021-04-01 22:06:50	1.92	33.6
2021-04-01 22:07:00	1.70	35.3
2021-04-01 22:07:10	2.25	36.1
2021-04-01 22:08:20	2.36	36.0
2021-04-01 22:08:30	2.33	32.9
2021-04-01 22:08:40	2.63	32.8
2021-04-01 22:08:50	2.23	31.6
2021-04-01 22:09:00	1.96	31.3
2021-04-01 22:09:10	2.55	32.3
2021-04-01 22:09:20	2.58	37.5
2021-04-01 22:10:00	2.82	37.2
2021-04-01 22:10:50	1.69	33.3
2021-04-01 22:11:00	1.85	34.0
2021-04-01 22:11:10	1.96	34.4
2021-04-01 22:12:00	1.78	32.0
2021-04-01 22:12:10	1.60	31.9
2021-04-01 22:12:20	2.10	32.2
2021-04-01 22:13:40	2.04	34.7
2021-04-01 22:13:50	2.10	31.4
2021-04-01 22:14:00	1.97	30.8
2021-04-01 22:14:10	1.90	30.8
2021-04-01 22:14:20	1.44	30.9
2021-04-01 22:14:30	1.76	31.1
2021-04-01 22:14:40	1.25	31.3
2021-04-01 22:14:50	1.65	32.0
2021-04-01 22:15:00	1.58	32.5
2021-04-01 22:15:10	2.57	34.7
2021-04-01 22:15:20	2.43	34.0
2021-04-01 22:15:30	2.45	34.1
2021-04-01 22:15:40	2.70	35.3
2021-04-01 22:15:50	2.58	34.0
2021-04-01 22:16:00	2.47	33.6
2021-04-01 22:16:10	1.83	34.1
2021-04-01 22:16:20	2.54	33.8
2021-04-01 22:16:30	2.26	35.3
2021-04-01 22:16:40	2.27	33.4
2021-04-01 22:16:50	2.29	36.1
2021-04-01 22:17:10	1.56	35.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-01 22:17:20	1.82	34.7
2021-04-01 22:17:30	1.74	35.2
2021-04-01 22:17:40	1.60	35.7
2021-04-01 22:17:50	1.58	35.4
2021-04-01 22:18:00	1.71	34.5
2021-04-01 22:18:10	2.53	36.6
2021-04-01 22:19:30	1.66	37.6
2021-04-01 22:19:40	1.40	36.3
2021-04-01 22:19:50	1.19	34.8
2021-04-01 22:20:00	1.22	33.9
2021-04-01 22:20:10	1.24	34.1
2021-04-01 22:20:20	1.06	33.8
2021-04-01 22:20:30	1.48	34.7
2021-04-01 22:20:40	2.22	35.6
2021-04-01 22:20:50	2.46	32.0
2021-04-01 22:21:00	2.30	30.7
2021-04-01 22:21:10	2.16	31.7
2021-04-01 22:21:20	2.04	30.8
2021-04-01 22:21:30	2.31	30.8
2021-04-01 22:21:40	2.09	31.2
2021-04-01 22:21:50	2.27	30.6
2021-04-01 22:22:00	1.66	30.8
2021-04-01 22:22:10	1.24	30.9
2021-04-01 22:22:20	0.78	31.1
2021-04-01 22:22:30	1.21	31.4
2021-04-01 22:23:20	1.13	35.1
2021-04-01 22:23:30	1.26	32.7
2021-04-01 22:23:40	1.75	32.1
2021-04-01 22:23:50	1.74	33.9
2021-04-01 22:24:00	1.30	32.3
2021-04-01 22:24:10	1.28	32.1
2021-04-01 22:24:20	1.57	33.2
2021-04-01 22:24:30	1.60	33.2
2021-04-01 22:24:40	1.33	31.6
2021-04-01 22:24:50	1.25	33.6
2021-04-01 22:26:30	2.08	34.5
2021-04-01 22:26:40	2.34	32.3
2021-04-01 22:26:50	1.83	31.5
2021-04-01 22:27:00	1.95	34.6
2021-04-01 22:27:10	1.68	31.7
2021-04-01 22:27:20	1.47	32.3
2021-04-01 22:27:30	1.95	31.4
2021-04-01 22:27:40	1.23	30.8
2021-04-01 22:27:50	1.21	31.0
2021-04-01 22:28:00	1.60	31.2
2021-04-01 22:28:10	0.86	34.0
2021-04-01 22:28:50	1.51	34.7
2021-04-01 22:29:00	1.58	32.6
2021-04-01 22:29:10	1.99	32.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-01 22:29:20	1.30	32.7
2021-04-01 22:29:30	1.63	31.2
2021-04-01 22:29:40	1.57	31.4
2021-04-01 22:29:50	1.81	30.8
2021-04-01 22:30:00	1.86	30.9
2021-04-01 22:30:10	1.97	31.1
2021-04-01 23:02:00	1.84	30.6
2021-04-01 23:02:10	1.73	30.6
2021-04-01 23:02:20	1.70	30.5
2021-04-01 23:02:30	1.72	30.7
2021-04-01 23:02:40	1.39	30.7
2021-04-01 23:02:50	1.81	30.7
2021-04-01 23:03:00	1.91	30.8
2021-04-01 23:03:10	1.65	30.8
2021-04-01 23:03:20	1.26	31.1
2021-04-01 23:03:40	1.48	30.9
2021-04-01 23:03:50	1.27	30.8
2021-04-01 23:04:00	1.79	31.3
2021-04-01 23:04:10	1.85	31.3
2021-04-01 23:04:20	2.88	31.0
2021-04-01 23:04:30	2.53	31.5
2021-04-01 23:04:40	2.41	33.7
2021-04-01 23:04:50	2.54	34.2
2021-04-01 23:05:00	2.11	31.3
2021-04-01 23:05:10	1.81	31.1
2021-04-01 23:05:20	1.42	31.6
2021-04-01 23:06:10	1.93	34.2
2021-04-01 23:06:20	1.95	33.8
2021-04-01 23:06:30	2.00	34.7
2021-04-01 23:06:40	1.77	33.5
2021-04-01 23:06:50	2.17	32.5
2021-04-01 23:07:10	1.52	33.7
2021-04-01 23:07:20	1.66	35.1
2021-04-01 23:07:40	2.14	37.3
2021-04-01 23:07:50	1.85	32.2
2021-04-01 23:08:00	1.79	31.3
2021-04-01 23:08:10	2.00	31.6
2021-04-01 23:08:20	2.05	31.3
2021-04-01 23:08:30	1.59	31.6
2021-04-01 23:08:40	1.79	31.1
2021-04-01 23:08:50	1.37	31.4
2021-04-01 23:09:00	1.59	32.1
2021-04-01 23:09:10	2.01	31.2
2021-04-01 23:09:20	1.91	30.9
2021-04-01 23:09:30	1.60	31.2
2021-04-01 23:09:40	1.40	30.8
2021-04-01 23:09:50	1.28	30.8
2021-04-01 23:10:00	1.63	31.0
2021-04-01 23:10:10	1.61	30.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-01 23:10:20	1.82	31.0
2021-04-01 23:10:30	1.33	31.3
2021-04-01 23:10:40	1.19	31.2
2021-04-01 23:10:50	1.33	31.4
2021-04-01 23:11:00	1.50	31.7
2021-04-01 23:11:10	1.69	33.2
2021-04-01 23:12:00	1.52	34.0
2021-04-01 23:12:10	1.20	33.6
2021-04-01 23:12:20	1.46	31.9
2021-04-01 23:12:30	1.40	31.5
2021-04-01 23:12:40	1.40	31.7
2021-04-01 23:12:50	1.27	31.8
2021-04-01 23:13:00	1.48	31.6
2021-04-01 23:13:10	1.61	31.0
2021-04-01 23:13:20	1.65	30.9
2021-04-01 23:13:30	1.60	30.6
2021-04-01 23:13:40	1.89	30.6
2021-04-01 23:13:50	2.02	30.6
2021-04-01 23:14:00	1.79	30.7
2021-04-01 23:14:10	1.39	30.6
2021-04-01 23:14:20	1.48	30.7
2021-04-01 23:14:30	1.50	30.8
2021-04-01 23:14:40	1.46	31.0
2021-04-01 23:14:50	1.65	30.8
2021-04-01 23:15:00	1.82	30.7
2021-04-01 23:15:10	1.79	31.8
2021-04-01 23:15:20	1.58	31.9
2021-04-01 23:15:30	1.73	32.6
2021-04-01 23:15:40	1.60	36.1
2021-04-01 23:15:50	1.60	37.3
2021-04-01 23:16:30	1.60	33.5
2021-04-01 23:16:40	1.65	31.3
2021-04-01 23:16:50	1.56	31.9
2021-04-01 23:17:00	1.59	31.7
2021-04-01 23:17:10	1.75	31.3
2021-04-01 23:17:20	1.79	31.1
2021-04-01 23:17:30	1.55	31.6
2021-04-01 23:17:40	1.38	32.4
2021-04-01 23:17:50	1.40	32.5
2021-04-01 23:18:00	1.27	34.4
2021-04-01 23:18:20	1.66	36.2
2021-04-01 23:18:50	1.61	35.5
2021-04-01 23:19:00	1.69	34.9
2021-04-01 23:19:10	1.66	35.4
2021-04-01 23:19:20	1.52	35.7
2021-04-01 23:19:30	1.55	33.7
2021-04-01 23:19:40	1.69	32.3
2021-04-01 23:19:50	1.42	32.1
2021-04-01 23:20:00	1.33	32.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-01 23:20:10	1.53	31.7
2021-04-01 23:20:20	1.49	31.0
2021-04-01 23:20:30	1.74	31.0
2021-04-01 23:20:40	1.54	31.0
2021-04-01 23:20:50	1.21	31.1
2021-04-01 23:21:00	1.05	31.2
2021-04-01 23:21:20	1.43	31.4
2021-04-01 23:21:30	1.65	32.1
2021-04-01 23:21:40	1.58	34.5
2021-04-01 23:23:00	1.32	33.8
2021-04-01 23:24:00	1.36	34.6
2021-04-01 23:24:10	1.91	32.9
2021-04-01 23:24:20	1.72	33.0
2021-04-01 23:24:30	1.40	31.0
2021-04-01 23:24:40	1.23	30.8
2021-04-01 23:24:50	1.52	30.9
2021-04-01 23:25:00	1.82	30.8
2021-04-01 23:25:10	1.86	30.6
2021-04-01 23:25:20	1.71	30.6
2021-04-01 23:25:30	1.72	30.5
2021-04-01 23:25:40	1.71	30.6
2021-04-01 23:25:50	1.75	30.6
2021-04-01 23:26:00	1.74	30.5
2021-04-01 23:26:10	1.67	30.5
2021-04-01 23:26:20	1.87	30.4
2021-04-01 23:26:30	1.88	30.4
2021-04-01 23:26:40	1.74	30.5
2021-04-01 23:26:50	1.64	30.6
2021-04-01 23:27:00	1.69	30.6
2021-04-01 23:27:10	1.70	30.7
2021-04-01 23:27:20	1.62	30.9
2021-04-01 23:27:30	1.53	31.8
2021-04-01 23:27:40	1.72	31.1
2021-04-01 23:27:50	1.67	30.6
2021-04-01 23:28:00	1.69	31.0
2021-04-01 23:28:10	1.79	30.8
2021-04-01 23:28:20	1.85	30.6
2021-04-01 23:28:30	1.97	30.5
2021-04-01 23:28:40	1.88	30.7
2021-04-01 23:28:50	1.75	30.6
2021-04-01 23:29:00	1.70	30.7
2021-04-01 23:29:10	1.86	30.8
2021-04-01 23:29:20	1.59	30.8
2021-04-01 23:29:30	1.58	30.8
2021-04-01 23:30:00	1.82	31.4
2021-04-01 23:30:10	1.80	31.6
2021-04-01 23:30:20	1.52	32.2
2021-04-02 00:02:40	1.71	35.1
2021-04-02 00:02:50	1.86	33.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 00:03:00	1.42	32.3
2021-04-02 00:03:10	1.27	31.7
2021-04-02 00:03:20	1.23	31.3
2021-04-02 00:03:30	1.50	31.5
2021-04-02 00:03:40	1.23	31.2
2021-04-02 00:03:50	1.06	30.7
2021-04-02 00:04:00	1.00	30.9
2021-04-02 00:04:10	0.88	31.2
2021-04-02 00:04:20	1.03	31.1
2021-04-02 00:04:30	1.07	31.0
2021-04-02 00:04:40	0.90	30.8
2021-04-02 00:04:50	1.79	31.0
2021-04-02 00:05:00	2.17	30.9
2021-04-02 00:05:10	1.64	30.8
2021-04-02 00:05:20	1.83	30.8
2021-04-02 00:05:30	1.31	30.7
2021-04-02 00:05:40	1.90	30.9
2021-04-02 00:05:50	1.50	31.2
2021-04-02 00:06:00	1.60	30.8
2021-04-02 00:06:10	0.89	31.0
2021-04-02 00:06:20	1.77	30.9
2021-04-02 00:07:00	1.58	30.9
2021-04-02 00:07:10	1.59	30.9
2021-04-02 00:07:20	1.88	30.9
2021-04-02 00:07:30	1.44	31.2
2021-04-02 00:07:40	1.10	31.0
2021-04-02 00:07:50	1.04	30.8
2021-04-02 00:08:00	1.06	30.9
2021-04-02 00:08:10	0.91	30.9
2021-04-02 00:08:20	1.24	30.8
2021-04-02 00:08:30	1.61	30.9
2021-04-02 00:08:40	1.57	31.0
2021-04-02 00:08:50	1.91	30.8
2021-04-02 00:09:00	1.64	31.3
2021-04-02 00:09:10	1.84	30.8
2021-04-02 00:09:20	1.80	30.9
2021-04-02 00:09:30	1.47	30.9
2021-04-02 00:09:40	0.86	30.9
2021-04-02 00:09:50	1.21	30.7
2021-04-02 00:10:00	1.25	30.9
2021-04-02 00:10:10	1.04	31.3
2021-04-02 00:10:20	0.87	31.0
2021-04-02 00:10:30	0.80	31.1
2021-04-02 00:10:40	0.75	30.9
2021-04-02 00:10:50	0.77	31.0
2021-04-02 00:11:00	0.84	31.5
2021-04-02 00:11:10	0.80	31.8
2021-04-02 00:11:20	1.29	33.1
2021-04-02 00:12:30	1.25	33.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 00:12:40	1.00	31.8
2021-04-02 00:12:50	0.85	31.6
2021-04-02 00:13:00	0.92	31.5
2021-04-02 00:13:10	1.29	31.4
2021-04-02 00:13:20	1.04	31.2
2021-04-02 00:13:30	0.79	31.0
2021-04-02 00:13:40	0.60	30.9
2021-04-02 00:13:50	1.07	31.5
2021-04-02 00:14:00	2.15	31.4
2021-04-02 00:14:10	1.67	31.5
2021-04-02 00:14:20	1.23	32.2
2021-04-02 00:14:30	1.26	32.9
2021-04-02 00:14:40	1.43	33.2
2021-04-02 00:14:50	1.18	31.6
2021-04-02 00:15:00	1.34	32.0
2021-04-02 00:15:10	1.55	32.4
2021-04-02 00:17:30	2.10	34.3
2021-04-02 00:17:40	1.94	32.7
2021-04-02 00:17:50	1.52	32.1
2021-04-02 00:18:00	1.40	31.7
2021-04-02 00:18:10	1.51	31.2
2021-04-02 00:18:20	1.75	31.7
2021-04-02 00:18:30	1.69	31.3
2021-04-02 00:18:40	1.68	31.0
2021-04-02 00:18:50	1.54	31.0
2021-04-02 00:19:00	1.26	31.0
2021-04-02 00:19:10	1.34	31.1
2021-04-02 00:19:20	0.90	31.1
2021-04-02 00:19:30	1.12	30.9
2021-04-02 00:19:40	1.39	31.2
2021-04-02 00:19:50	1.50	31.0
2021-04-02 00:20:00	1.07	30.8
2021-04-02 00:20:10	1.32	30.9
2021-04-02 00:20:20	1.24	30.7
2021-04-02 00:20:30	1.76	30.8
2021-04-02 00:20:40	2.51	31.0
2021-04-02 00:20:50	1.74	31.3
2021-04-02 00:21:00	1.07	31.1
2021-04-02 00:21:10	0.90	30.9
2021-04-02 00:21:20	0.97	30.8
2021-04-02 00:21:30	1.36	30.6
2021-04-02 00:21:40	1.84	30.8
2021-04-02 00:21:50	1.68	30.9
2021-04-02 00:22:00	1.27	30.9
2021-04-02 00:22:10	1.27	31.0
2021-04-02 00:22:20	2.46	31.4
2021-04-02 00:22:30	2.76	31.1
2021-04-02 00:22:40	2.03	31.5
2021-04-02 00:22:50	1.83	32.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 00:23:00	2.18	37.5
2021-04-02 00:23:30	1.64	36.8
2021-04-02 00:23:40	1.53	32.3
2021-04-02 00:23:50	1.46	32.0
2021-04-02 00:24:00	1.69	31.7
2021-04-02 00:24:10	1.93	31.2
2021-04-02 00:24:20	1.45	31.1
2021-04-02 00:24:30	2.20	31.6
2021-04-02 00:24:40	2.02	31.2
2021-04-02 00:24:50	1.74	30.7
2021-04-02 00:25:00	1.73	30.8
2021-04-02 00:25:10	1.52	30.8
2021-04-02 00:25:20	1.33	31.2
2021-04-02 00:25:30	0.98	30.7
2021-04-02 00:25:40	0.75	30.8
2021-04-02 00:26:00	0.59	30.9
2021-04-02 00:26:10	1.21	30.7
2021-04-02 00:26:20	1.47	30.9
2021-04-02 00:26:30	1.58	31.0
2021-04-02 00:26:40	2.04	30.8
2021-04-02 00:26:50	1.78	31.0
2021-04-02 00:27:00	1.53	30.9
2021-04-02 00:27:10	1.30	30.8
2021-04-02 00:27:20	1.34	30.8
2021-04-02 00:27:30	0.95	30.8
2021-04-02 00:27:40	0.76	30.8
2021-04-02 00:27:50	1.58	31.4
2021-04-02 00:28:00	1.14	31.7
2021-04-02 00:28:10	1.13	31.5
2021-04-02 00:28:20	0.90	32.2
2021-04-02 00:28:30	0.81	33.4
2021-04-02 00:28:40	1.14	32.3
2021-04-02 00:28:50	1.22	31.0
2021-04-02 00:29:00	1.70	30.5
2021-04-02 00:29:10	1.58	30.5
2021-04-02 00:29:20	0.92	30.6
2021-04-02 00:29:30	1.02	31.3
2021-04-02 00:29:40	1.23	31.1
2021-04-02 00:29:50	1.24	30.9
2021-04-02 00:30:00	1.71	31.0
2021-04-02 00:30:10	1.40	30.8
2021-04-02 00:30:20	1.37	30.7
2021-04-02 01:02:00	1.29	32.6
2021-04-02 01:02:10	1.92	32.8
2021-04-02 01:02:50	2.67	35.9
2021-04-02 01:03:00	2.92	34.2
2021-04-02 01:03:10	3.92	32.4
2021-04-02 01:03:20	3.11	31.1
2021-04-02 01:03:30	2.78	31.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 01:03:40	2.67	31.2
2021-04-02 01:03:50	1.88	31.3
2021-04-02 01:04:00	1.78	31.1
2021-04-02 01:04:10	1.72	31.0
2021-04-02 01:04:30	2.71	31.1
2021-04-02 01:04:40	2.22	30.9
2021-04-02 01:04:50	1.75	31.1
2021-04-02 01:05:00	1.33	31.7
2021-04-02 01:05:10	1.05	32.8
2021-04-02 01:05:20	2.05	32.0
2021-04-02 01:05:30	1.85	31.4
2021-04-02 01:05:40	1.55	31.1
2021-04-02 01:05:50	2.51	31.0
2021-04-02 01:06:00	2.19	30.8
2021-04-02 01:06:10	2.03	31.0
2021-04-02 01:06:20	1.81	30.8
2021-04-02 01:06:30	1.52	30.7
2021-04-02 01:06:40	1.80	31.0
2021-04-02 01:06:50	1.47	31.1
2021-04-02 01:07:00	1.48	31.6
2021-04-02 01:07:10	2.13	31.4
2021-04-02 01:07:30	2.62	31.5
2021-04-02 01:07:40	2.79	31.0
2021-04-02 01:07:50	2.80	30.8
2021-04-02 01:08:00	3.05	31.1
2021-04-02 01:08:10	2.77	31.8
2021-04-02 01:08:20	2.80	31.5
2021-04-02 01:08:30	2.79	31.0
2021-04-02 01:08:40	2.09	31.4
2021-04-02 01:08:50	2.04	32.2
2021-04-02 01:09:00	1.47	32.2
2021-04-02 01:09:10	1.55	31.6
2021-04-02 01:09:20	2.52	32.4
2021-04-02 01:09:30	2.10	33.7
2021-04-02 01:10:30	1.75	34.7
2021-04-02 01:10:40	1.08	33.2
2021-04-02 01:10:50	2.17	33.3
2021-04-02 01:11:00	2.21	34.7
2021-04-02 01:11:10	1.93	33.5
2021-04-02 01:11:20	1.72	31.5
2021-04-02 01:11:30	1.75	31.2
2021-04-02 01:11:40	1.76	31.1
2021-04-02 01:11:50	1.82	31.0
2021-04-02 01:12:00	1.25	30.7
2021-04-02 01:12:10	0.95	30.7
2021-04-02 01:12:20	1.25	30.6
2021-04-02 01:12:30	0.90	30.8
2021-04-02 01:12:40	0.71	30.8
2021-04-02 01:12:50	1.13	30.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 01:13:00	1.53	30.5
2021-04-02 01:13:10	1.99	30.6
2021-04-02 01:13:20	1.75	30.8
2021-04-02 01:13:30	1.55	30.7
2021-04-02 01:13:40	1.70	30.6
2021-04-02 01:13:50	2.20	30.6
2021-04-02 01:14:00	1.44	31.0
2021-04-02 01:14:10	1.22	30.9
2021-04-02 01:14:20	2.29	30.8
2021-04-02 01:14:30	2.52	30.7
2021-04-02 01:14:40	2.02	30.9
2021-04-02 01:14:50	1.33	31.4
2021-04-02 01:15:00	0.89	31.2
2021-04-02 01:15:10	1.62	32.0
2021-04-02 01:15:20	2.29	32.8
2021-04-02 01:16:00	2.11	37.0
2021-04-02 01:16:10	1.16	32.7
2021-04-02 01:16:20	1.35	33.9
2021-04-02 01:16:30	1.96	30.9
2021-04-02 01:16:40	2.18	30.6
2021-04-02 01:16:50	1.66	30.7
2021-04-02 01:17:00	1.34	30.6
2021-04-02 01:17:10	1.25	30.8
2021-04-02 01:17:20	1.15	30.7
2021-04-02 01:17:30	1.69	30.9
2021-04-02 01:17:40	2.10	30.9
2021-04-02 01:17:50	2.17	30.7
2021-04-02 01:18:00	1.86	30.8
2021-04-02 01:18:10	1.52	31.0
2021-04-02 01:18:20	1.72	30.8
2021-04-02 01:18:30	2.65	30.8
2021-04-02 01:18:40	1.79	30.6
2021-04-02 01:18:50	1.57	30.6
2021-04-02 01:19:00	1.52	30.5
2021-04-02 01:19:10	2.28	30.5
2021-04-02 01:19:20	2.78	30.7
2021-04-02 01:19:30	2.67	30.6
2021-04-02 01:19:40	2.39	30.8
2021-04-02 01:19:50	2.64	31.0
2021-04-02 01:20:00	2.39	30.8
2021-04-02 01:20:10	1.47	30.9
2021-04-02 01:20:20	2.41	31.1
2021-04-02 01:20:30	1.81	31.1
2021-04-02 01:20:40	1.85	30.9
2021-04-02 01:20:50	2.41	30.8
2021-04-02 01:21:00	2.37	30.7
2021-04-02 01:21:10	2.12	30.6
2021-04-02 01:21:20	2.58	30.8
2021-04-02 01:21:30	2.61	30.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 01:21:40	1.96	31.3
2021-04-02 01:21:50	1.47	31.5
2021-04-02 01:22:00	1.04	31.4
2021-04-02 01:22:10	1.43	31.8
2021-04-02 01:22:20	1.98	31.5
2021-04-02 01:22:30	2.24	31.2
2021-04-02 01:22:40	1.34	31.7
2021-04-02 01:22:50	1.83	33.1
2021-04-02 01:23:00	3.85	37.0
2021-04-02 01:23:50	2.40	36.3
2021-04-02 01:24:00	2.14	32.3
2021-04-02 01:24:10	1.67	32.8
2021-04-02 01:25:30	1.62	34.3
2021-04-02 01:25:40	2.23	32.3
2021-04-02 01:25:50	2.23	31.2
2021-04-02 01:26:00	2.42	31.0
2021-04-02 01:26:10	1.73	31.0
2021-04-02 01:26:20	2.10	30.9
2021-04-02 01:26:30	1.68	31.0
2021-04-02 01:26:40	2.07	31.4
2021-04-02 01:26:50	2.67	31.7
2021-04-02 01:27:00	2.46	32.3
2021-04-02 01:27:40	2.23	34.9
2021-04-02 01:27:50	2.82	32.4
2021-04-02 01:28:00	2.72	31.9
2021-04-02 01:28:10	2.19	31.4
2021-04-02 01:28:20	2.31	31.3
2021-04-02 01:28:30	2.29	31.1
2021-04-02 01:28:40	2.19	30.8
2021-04-02 01:28:50	1.81	31.3
2021-04-02 01:29:00	1.59	32.2
2021-04-02 01:29:10	1.78	31.8
2021-04-02 01:29:20	1.92	31.8
2021-04-02 02:01:50	1.63	31.8
2021-04-02 02:02:00	1.62	32.2
2021-04-02 02:02:10	1.27	32.3
2021-04-02 02:02:20	2.33	32.1
2021-04-02 02:02:30	3.49	31.9
2021-04-02 02:02:40	3.41	32.1
2021-04-02 02:02:50	2.76	32.3
2021-04-02 02:03:00	2.70	31.7
2021-04-02 02:03:10	1.59	31.8
2021-04-02 02:03:20	1.31	32.5
2021-04-02 02:03:30	2.21	32.2
2021-04-02 02:03:40	1.69	32.0
2021-04-02 02:03:50	2.18	31.4
2021-04-02 02:04:00	2.20	30.9
2021-04-02 02:04:10	1.50	31.1
2021-04-02 02:04:20	0.66	30.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 02:04:30	1.90	31.0
2021-04-02 02:04:40	1.26	31.3
2021-04-02 02:04:50	1.74	31.0
2021-04-02 02:05:00	2.28	31.0
2021-04-02 02:05:10	1.98	32.0
2021-04-02 02:05:20	1.50	32.5
2021-04-02 02:05:30	1.31	32.0
2021-04-02 02:05:40	1.50	32.1
2021-04-02 02:05:50	1.16	31.4
2021-04-02 02:06:00	1.35	31.8
2021-04-02 02:06:10	1.08	32.0
2021-04-02 02:06:20	1.56	31.8
2021-04-02 02:06:30	1.92	31.5
2021-04-02 02:06:40	1.80	31.4
2021-04-02 02:06:50	1.38	31.8
2021-04-02 02:07:00	1.74	32.1
2021-04-02 02:07:10	3.01	31.8
2021-04-02 02:07:20	3.11	32.9
2021-04-02 02:07:30	3.73	35.2
2021-04-02 02:07:40	3.52	36.0
2021-04-02 02:08:50	1.82	34.2
2021-04-02 02:09:00	1.43	32.2
2021-04-02 02:09:10	2.22	31.9
2021-04-02 02:09:20	1.98	31.4
2021-04-02 02:09:30	1.74	31.2
2021-04-02 02:09:40	1.77	31.4
2021-04-02 02:09:50	1.63	31.5
2021-04-02 02:10:00	2.41	31.3
2021-04-02 02:10:10	3.71	33.8
2021-04-02 02:10:20	3.13	32.3
2021-04-02 02:10:30	2.21	31.5
2021-04-02 02:10:40	2.05	31.4
2021-04-02 02:10:50	2.20	31.4
2021-04-02 02:11:00	2.99	31.6
2021-04-02 02:11:10	3.10	31.5
2021-04-02 02:11:20	2.12	31.7
2021-04-02 02:11:30	1.75	31.5
2021-04-02 02:11:40	1.79	31.1
2021-04-02 02:11:50	1.77	31.7
2021-04-02 02:12:00	2.15	31.6
2021-04-02 02:12:10	2.66	31.7
2021-04-02 02:12:20	2.42	32.3
2021-04-02 02:12:30	2.75	35.2
2021-04-02 02:12:40	2.00	34.0
2021-04-02 02:12:50	2.27	32.3
2021-04-02 02:13:00	2.40	32.0
2021-04-02 02:13:10	1.53	31.4
2021-04-02 02:13:20	2.70	32.1
2021-04-02 02:13:30	2.27	32.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 02:13:40	1.74	33.1
2021-04-02 02:13:50	1.73	32.4
2021-04-02 02:14:00	2.28	32.0
2021-04-02 02:14:10	2.08	32.0
2021-04-02 02:14:20	1.80	31.1
2021-04-02 02:14:30	2.04	31.1
2021-04-02 02:14:40	2.29	31.2
2021-04-02 02:14:50	2.10	31.0
2021-04-02 02:15:10	2.98	31.4
2021-04-02 02:15:20	2.23	32.6
2021-04-02 02:15:30	2.15	31.3
2021-04-02 02:15:40	1.75	31.2
2021-04-02 02:15:50	1.62	32.9
2021-04-02 02:16:00	3.86	32.3
2021-04-02 02:16:10	2.75	32.0
2021-04-02 02:16:20	1.18	31.8
2021-04-02 02:16:30	0.98	31.4
2021-04-02 02:16:50	1.54	31.6
2021-04-02 02:17:00	1.57	31.3
2021-04-02 02:17:10	2.81	31.0
2021-04-02 02:17:20	2.19	30.9
2021-04-02 02:17:30	2.13	30.8
2021-04-02 02:17:40	1.64	31.0
2021-04-02 02:17:50	1.73	31.3
2021-04-02 02:18:00	1.25	30.9
2021-04-02 02:18:10	1.64	31.1
2021-04-02 02:18:20	1.38	31.0
2021-04-02 02:18:30	2.32	31.4
2021-04-02 02:18:40	2.21	31.7
2021-04-02 02:18:50	2.20	32.1
2021-04-02 02:19:00	3.10	31.9
2021-04-02 02:19:10	2.06	31.4
2021-04-02 02:19:20	1.91	31.2
2021-04-02 02:19:30	2.06	30.9
2021-04-02 02:19:40	3.01	31.4
2021-04-02 02:19:50	3.21	33.3
2021-04-02 02:20:00	3.70	34.8
2021-04-02 02:20:10	2.93	31.6
2021-04-02 02:20:20	3.25	31.5
2021-04-02 02:20:30	3.47	31.5
2021-04-02 02:20:40	3.00	31.4
2021-04-02 02:20:50	2.37	31.1
2021-04-02 02:21:00	1.26	31.0
2021-04-02 02:21:10	0.86	31.1
2021-04-02 02:21:20	1.99	31.1
2021-04-02 02:21:30	1.97	31.2
2021-04-02 02:21:40	0.95	31.2
2021-04-02 02:21:50	1.46	31.6
2021-04-02 02:22:00	1.52	31.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 02:22:10	2.05	31.7
2021-04-02 02:22:20	1.56	32.1
2021-04-02 02:22:30	1.81	31.6
2021-04-02 02:22:40	1.64	30.9
2021-04-02 02:22:50	1.82	31.1
2021-04-02 02:23:00	2.12	31.7
2021-04-02 02:23:10	2.43	33.5
2021-04-02 02:23:20	2.35	32.9
2021-04-02 02:23:30	3.12	32.3
2021-04-02 02:23:40	2.85	31.4
2021-04-02 02:23:50	3.10	31.4
2021-04-02 02:24:00	2.06	31.3
2021-04-02 02:24:10	2.74	31.3
2021-04-02 02:24:20	2.55	31.0
2021-04-02 02:24:30	1.69	31.0
2021-04-02 02:24:40	1.60	31.3
2021-04-02 02:24:50	1.68	31.3
2021-04-02 02:25:00	1.85	31.4
2021-04-02 02:25:10	2.14	31.3
2021-04-02 02:25:20	2.57	31.6
2021-04-02 02:25:30	2.87	31.8
2021-04-02 02:25:40	2.77	31.0
2021-04-02 02:25:50	3.34	31.4
2021-04-02 02:26:00	2.08	31.2
2021-04-02 02:26:10	1.19	31.6
2021-04-02 02:26:20	2.65	32.1
2021-04-02 02:26:30	2.81	31.4
2021-04-02 02:26:40	1.52	31.5
2021-04-02 02:26:50	2.42	31.4
2021-04-02 02:27:00	1.58	31.3
2021-04-02 02:27:10	2.13	31.7
2021-04-02 02:27:20	2.11	31.2
2021-04-02 02:27:30	1.77	31.4
2021-04-02 02:27:40	1.91	31.5
2021-04-02 02:27:50	1.22	31.9
2021-04-02 02:28:00	1.00	31.5
2021-04-02 02:28:10	1.84	31.5
2021-04-02 02:28:20	2.28	31.3
2021-04-02 02:28:30	1.78	31.1
2021-04-02 02:28:40	2.04	31.7
2021-04-02 02:28:50	2.13	32.0
2021-04-02 02:29:00	3.14	31.8
2021-04-02 02:29:10	2.71	32.0
2021-04-02 02:29:20	2.67	31.2
2021-04-02 02:29:30	2.30	31.2
2021-04-02 02:29:40	1.92	30.8
2021-04-02 02:29:50	1.33	31.1
2021-04-02 03:02:30	2.68	37.2
2021-04-02 03:02:40	2.36	37.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 03:02:50	2.02	34.9
2021-04-02 03:03:00	3.19	34.3
2021-04-02 03:03:10	2.75	33.3
2021-04-02 03:03:20	2.47	32.6
2021-04-02 03:03:30	2.44	32.4
2021-04-02 03:03:40	2.64	33.5
2021-04-02 03:03:50	2.27	33.8
2021-04-02 03:04:00	2.33	32.0
2021-04-02 03:04:10	1.68	32.0
2021-04-02 03:04:20	2.77	31.9
2021-04-02 03:04:30	2.63	31.2
2021-04-02 03:04:40	2.12	32.0
2021-04-02 03:04:50	2.14	31.8
2021-04-02 03:05:00	2.60	32.6
2021-04-02 03:05:10	3.33	32.9
2021-04-02 03:05:20	3.96	33.6
2021-04-02 03:05:30	3.19	32.2
2021-04-02 03:05:40	2.25	32.2
2021-04-02 03:05:50	2.68	31.7
2021-04-02 03:06:00	3.01	31.5
2021-04-02 03:06:10	2.23	31.5
2021-04-02 03:06:20	2.34	32.0
2021-04-02 03:06:30	1.98	33.5
2021-04-02 03:06:40	1.96	36.3
2021-04-02 03:07:30	2.21	33.5
2021-04-02 03:07:40	2.79	31.4
2021-04-02 03:07:50	2.35	31.7
2021-04-02 03:08:00	2.37	32.4
2021-04-02 03:08:10	2.42	32.3
2021-04-02 03:08:20	3.14	31.8
2021-04-02 03:08:30	3.03	31.3
2021-04-02 03:08:40	2.41	31.9
2021-04-02 03:08:50	1.80	33.0
2021-04-02 03:09:00	3.04	32.3
2021-04-02 03:09:10	2.80	32.1
2021-04-02 03:09:20	2.54	31.6
2021-04-02 03:09:30	2.93	32.0
2021-04-02 03:09:40	2.71	31.5
2021-04-02 03:09:50	2.16	31.0
2021-04-02 03:10:00	2.98	31.3
2021-04-02 03:10:10	3.02	31.3
2021-04-02 03:10:20	2.01	31.3
2021-04-02 03:10:30	1.68	31.4
2021-04-02 03:10:40	1.28	32.1
2021-04-02 03:10:50	1.32	32.4
2021-04-02 03:11:00	2.25	31.5
2021-04-02 03:11:10	1.99	31.6
2021-04-02 03:12:10	2.06	31.0
2021-04-02 03:12:20	2.68	31.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 03:12:30	2.46	31.2
2021-04-02 03:12:40	1.64	31.0
2021-04-02 03:12:50	1.52	31.0
2021-04-02 03:13:00	1.93	31.2
2021-04-02 03:13:10	2.16	31.1
2021-04-02 03:13:20	1.74	31.0
2021-04-02 03:13:30	2.04	31.1
2021-04-02 03:13:40	2.12	31.5
2021-04-02 03:13:50	1.70	31.3
2021-04-02 03:14:00	1.04	30.8
2021-04-02 03:14:10	1.64	30.8
2021-04-02 03:14:20	2.00	31.0
2021-04-02 03:14:30	2.01	31.2
2021-04-02 03:14:40	2.86	31.1
2021-04-02 03:14:50	2.77	31.0
2021-04-02 03:15:00	2.34	31.0
2021-04-02 03:15:10	2.26	31.0
2021-04-02 03:15:20	1.89	31.0
2021-04-02 03:15:30	1.74	32.3
2021-04-02 03:16:20	1.80	32.3
2021-04-02 03:16:30	1.85	31.7
2021-04-02 03:16:40	3.42	32.3
2021-04-02 03:16:50	2.47	31.3
2021-04-02 03:17:00	1.70	31.5
2021-04-02 03:17:10	1.80	31.6
2021-04-02 03:17:20	1.53	31.2
2021-04-02 03:17:30	2.41	31.2
2021-04-02 03:17:40	1.53	31.6
2021-04-02 03:17:50	1.77	31.1
2021-04-02 03:18:00	1.60	31.4
2021-04-02 03:18:10	1.42	31.1
2021-04-02 03:18:20	1.25	31.4
2021-04-02 03:18:30	2.06	31.4
2021-04-02 03:18:40	1.85	31.3
2021-04-02 03:18:50	1.50	31.2
2021-04-02 03:19:00	1.47	31.2
2021-04-02 03:19:10	1.91	31.1
2021-04-02 03:19:20	2.05	31.2
2021-04-02 03:19:30	2.04	31.1
2021-04-02 03:19:40	3.36	32.0
2021-04-02 03:19:50	3.68	31.5
2021-04-02 03:20:00	1.73	31.3
2021-04-02 03:20:10	1.95	31.5
2021-04-02 03:20:20	2.21	31.3
2021-04-02 03:20:30	2.32	31.3
2021-04-02 03:20:40	3.56	31.6
2021-04-02 03:20:50	3.03	32.1
2021-04-02 03:21:00	2.39	31.8
2021-04-02 03:21:10	2.90	32.4

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 03:21:20	3.44	32.2
2021-04-02 03:21:30	2.51	31.2
2021-04-02 03:21:40	2.19	31.0
2021-04-02 03:21:50	2.11	31.2
2021-04-02 03:22:00	1.87	31.5
2021-04-02 03:22:10	1.81	30.9
2021-04-02 03:22:20	2.25	31.6
2021-04-02 03:22:30	2.63	33.9
2021-04-02 03:23:10	2.45	37.2
2021-04-02 03:23:20	2.44	33.6
2021-04-02 03:23:30	3.20	32.0
2021-04-02 03:23:40	2.91	31.3
2021-04-02 03:23:50	1.71	31.0
2021-04-02 03:24:00	2.17	31.1
2021-04-02 03:24:10	2.64	31.1
2021-04-02 03:24:20	1.63	31.6
2021-04-02 03:24:30	1.51	31.8
2021-04-02 03:24:40	4.13	31.8
2021-04-02 03:24:50	3.09	31.3
2021-04-02 03:25:00	1.76	31.1
2021-04-02 03:25:10	2.08	31.2
2021-04-02 03:25:20	2.60	31.3
2021-04-02 03:25:30	2.26	31.0
2021-04-02 03:25:40	2.04	30.7
2021-04-02 03:25:50	1.77	30.8
2021-04-02 03:26:00	1.91	30.9
2021-04-02 03:26:10	1.63	30.9
2021-04-02 03:26:20	1.07	31.0
2021-04-02 03:26:30	1.24	31.2
2021-04-02 03:26:40	1.61	31.2
2021-04-02 03:26:50	1.51	31.1
2021-04-02 03:27:00	1.81	31.1
2021-04-02 03:27:10	1.72	30.9
2021-04-02 03:27:20	2.08	30.8
2021-04-02 03:27:30	1.87	30.8
2021-04-02 03:27:40	1.87	30.8
2021-04-02 03:27:50	1.34	30.9
2021-04-02 03:28:00	1.27	31.0
2021-04-02 03:28:10	1.30	30.8
2021-04-02 03:28:20	2.12	31.1
2021-04-02 03:28:30	3.01	30.9
2021-04-02 03:28:40	1.71	31.0
2021-04-02 03:28:50	1.82	31.1
2021-04-02 03:29:00	1.49	30.9
2021-04-02 03:29:10	1.24	30.9
2021-04-02 03:29:20	2.17	30.7
2021-04-02 03:29:30	2.07	30.7
2021-04-02 03:29:40	1.63	30.8
2021-04-02 03:29:50	1.58	30.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 03:30:00	1.28	30.9
2021-04-02 03:30:10	1.74	31.1
2021-04-02 03:30:20	1.43	31.1
2021-04-02 04:01:50	2.23	30.7
2021-04-02 04:02:00	0.96	31.1
2021-04-02 04:02:10	0.61	30.9
2021-04-02 04:02:20	2.32	30.8
2021-04-02 04:02:30	2.07	31.3
2021-04-02 04:02:40	1.64	31.3
2021-04-02 04:02:50	1.30	31.1
2021-04-02 04:03:00	1.33	30.6
2021-04-02 04:03:10	1.91	30.8
2021-04-02 04:03:20	1.79	30.9
2021-04-02 04:03:30	2.36	30.8
2021-04-02 04:03:40	2.61	30.8
2021-04-02 04:03:50	1.69	30.5
2021-04-02 04:04:00	1.28	30.6
2021-04-02 04:04:10	2.26	30.6
2021-04-02 04:04:20	2.45	30.7
2021-04-02 04:04:30	2.04	30.5
2021-04-02 04:04:40	1.73	30.6
2021-04-02 04:04:50	1.54	30.8
2021-04-02 04:05:00	2.63	30.7
2021-04-02 04:05:10	1.82	31.0
2021-04-02 04:05:20	1.18	31.0
2021-04-02 04:05:30	2.12	31.2
2021-04-02 04:05:40	2.68	30.9
2021-04-02 04:05:50	2.47	30.6
2021-04-02 04:06:00	2.25	30.6
2021-04-02 04:06:10	2.50	30.7
2021-04-02 04:06:20	1.95	31.1
2021-04-02 04:06:30	2.36	31.3
2021-04-02 04:06:40	2.16	31.1
2021-04-02 04:06:50	2.46	30.6
2021-04-02 04:07:00	2.29	30.6
2021-04-02 04:07:10	2.30	30.4
2021-04-02 04:07:20	1.80	30.6
2021-04-02 04:07:30	2.33	30.7
2021-04-02 04:07:40	1.74	30.9
2021-04-02 04:07:50	3.36	31.2
2021-04-02 04:08:00	3.10	31.8
2021-04-02 04:08:10	3.03	32.1
2021-04-02 04:08:20	1.52	34.1
2021-04-02 04:09:00	3.22	34.2
2021-04-02 04:09:10	2.75	32.0
2021-04-02 04:09:20	1.88	31.3
2021-04-02 04:09:30	1.28	31.3
2021-04-02 04:09:40	1.10	31.0
2021-04-02 04:09:50	1.73	30.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 04:10:00	1.67	30.7
2021-04-02 04:10:10	1.79	30.5
2021-04-02 04:10:20	2.10	30.8
2021-04-02 04:10:30	2.33	30.6
2021-04-02 04:10:40	1.67	30.4
2021-04-02 04:10:50	1.22	30.5
2021-04-02 04:11:00	2.07	30.4
2021-04-02 04:11:10	1.61	30.6
2021-04-02 04:11:20	1.74	30.5
2021-04-02 04:11:30	2.36	30.9
2021-04-02 04:11:40	3.16	30.9
2021-04-02 04:11:50	1.91	30.9
2021-04-02 04:12:00	1.66	30.9
2021-04-02 04:12:10	2.51	31.0
2021-04-02 04:12:20	1.89	31.2
2021-04-02 04:12:30	1.84	31.7
2021-04-02 04:12:40	2.18	31.8
2021-04-02 04:12:50	2.50	31.7
2021-04-02 04:13:00	3.02	31.9
2021-04-02 04:13:10	3.21	31.1
2021-04-02 04:13:20	2.79	30.7
2021-04-02 04:13:30	2.44	30.6
2021-04-02 04:13:40	1.75	30.6
2021-04-02 04:13:50	1.99	30.7
2021-04-02 04:14:00	1.96	30.9
2021-04-02 04:14:10	2.76	30.8
2021-04-02 04:14:20	3.65	30.7
2021-04-02 04:14:30	2.31	30.7
2021-04-02 04:14:40	2.86	30.9
2021-04-02 04:14:50	2.52	31.0
2021-04-02 04:15:00	2.37	31.3
2021-04-02 04:15:10	1.67	33.6
2021-04-02 04:15:50	2.59	36.8
2021-04-02 04:16:00	1.49	31.7
2021-04-02 04:16:10	1.10	31.2
2021-04-02 04:16:20	1.33	30.9
2021-04-02 04:16:30	1.49	30.5
2021-04-02 04:16:40	1.92	30.5
2021-04-02 04:16:50	2.43	30.5
2021-04-02 04:17:00	2.56	30.7
2021-04-02 04:17:10	2.26	30.7
2021-04-02 04:17:20	1.69	30.5
2021-04-02 04:17:30	1.91	30.5
2021-04-02 04:17:40	1.91	31.1
2021-04-02 04:17:50	0.81	31.1
2021-04-02 04:18:00	0.84	30.9
2021-04-02 04:18:10	1.58	31.0
2021-04-02 04:18:20	2.38	31.1
2021-04-02 04:18:30	1.83	30.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 04:18:40	1.56	30.9
2021-04-02 04:18:50	1.34	31.0
2021-04-02 04:19:00	1.29	31.1
2021-04-02 04:19:10	0.91	31.0
2021-04-02 04:19:20	1.64	32.0
2021-04-02 04:19:30	1.53	31.7
2021-04-02 04:19:40	1.76	31.6
2021-04-02 04:19:50	2.34	31.1
2021-04-02 04:20:00	2.44	31.0
2021-04-02 04:20:10	1.99	30.9
2021-04-02 04:20:20	2.02	31.1
2021-04-02 04:20:30	1.96	31.3
2021-04-02 04:20:40	2.00	31.3
2021-04-02 04:20:50	1.75	35.0
2021-04-02 04:21:30	1.86	33.1
2021-04-02 04:21:40	1.86	31.4
2021-04-02 04:21:50	1.69	30.8
2021-04-02 04:22:00	1.96	30.6
2021-04-02 04:22:10	1.90	30.5
2021-04-02 04:22:20	1.83	30.6
2021-04-02 04:22:30	1.87	30.7
2021-04-02 04:22:40	1.65	30.5
2021-04-02 04:22:50	1.35	30.7
2021-04-02 04:23:00	0.91	30.5
2021-04-02 04:23:10	0.82	30.9
2021-04-02 04:23:20	1.28	30.7
2021-04-02 04:23:30	1.39	30.7
2021-04-02 04:23:40	1.04	30.7
2021-04-02 04:23:50	1.06	30.5
2021-04-02 04:24:00	1.30	30.4
2021-04-02 04:24:10	1.17	30.7
2021-04-02 04:24:20	1.16	30.7
2021-04-02 04:24:30	0.99	31.6
2021-04-02 04:24:40	0.85	32.6
2021-04-02 04:24:50	1.01	30.8
2021-04-02 04:25:00	1.65	30.8
2021-04-02 04:25:10	1.52	30.6
2021-04-02 04:25:20	2.16	30.7
2021-04-02 04:25:30	1.77	30.7
2021-04-02 04:25:40	1.57	30.6
2021-04-02 04:25:50	1.86	30.6
2021-04-02 04:26:00	2.32	30.7
2021-04-02 04:26:10	2.90	31.0
2021-04-02 04:26:20	3.01	31.0
2021-04-02 04:26:30	2.05	30.7
2021-04-02 04:26:40	1.44	30.4
2021-04-02 04:26:50	2.02	30.3
2021-04-02 04:27:00	1.65	30.2
2021-04-02 04:27:10	1.16	30.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 04:27:20	0.93	30.2
2021-04-02 04:27:30	0.85	30.2
2021-04-02 04:27:40	1.21	30.4
2021-04-02 04:27:50	0.78	30.2
2021-04-02 04:28:00	1.45	30.2
2021-04-02 04:28:10	1.72	30.1
2021-04-02 04:28:20	1.63	30.2
2021-04-02 04:28:30	1.56	30.4
2021-04-02 04:28:40	2.02	30.4
2021-04-02 04:28:50	2.11	30.3
2021-04-02 04:29:00	1.44	30.3
2021-04-02 04:29:10	1.49	30.3
2021-04-02 04:29:20	1.49	30.4
2021-04-02 04:29:30	1.27	30.3
2021-04-02 04:29:40	1.29	30.3
2021-04-02 04:29:50	0.94	30.1
2021-04-02 04:30:00	0.81	30.1
2021-04-02 04:30:10	1.39	30.2
2021-04-02 04:30:20	1.82	30.2
2021-04-02 22:01:40	1.69	33.3
2021-04-02 22:01:50	1.62	31.7
2021-04-02 22:02:00	1.58	31.1
2021-04-02 22:02:10	1.54	31.9
2021-04-02 22:02:50	1.56	34.1
2021-04-02 22:03:00	1.44	32.8
2021-04-02 22:03:10	1.42	33.8
2021-04-02 22:03:20	1.56	32.0
2021-04-02 22:03:30	1.46	30.9
2021-04-02 22:03:40	1.40	30.4
2021-04-02 22:03:50	1.50	30.4
2021-04-02 22:05:00	1.24	33.0
2021-04-02 22:05:10	1.20	30.9
2021-04-02 22:05:20	1.12	30.4
2021-04-02 22:05:30	1.39	30.2
2021-04-02 22:05:40	1.35	30.2
2021-04-02 22:05:50	1.31	30.1
2021-04-02 22:06:00	1.38	30.2
2021-04-02 22:06:10	1.45	30.5
2021-04-02 22:08:10	1.51	30.7
2021-04-02 22:08:20	1.61	30.3
2021-04-02 22:08:30	1.63	30.2
2021-04-02 22:08:40	1.64	30.2
2021-04-02 22:08:50	1.65	30.3
2021-04-02 22:09:00	1.68	30.3
2021-04-02 22:09:10	1.59	31.5
2021-04-02 22:09:20	1.55	34.2
2021-04-02 22:09:30	1.47	33.6
2021-04-02 22:10:20	1.69	35.2
2021-04-02 22:11:10	1.56	31.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 22:11:20	1.58	31.2
2021-04-02 22:11:30	1.51	30.9
2021-04-02 22:11:40	1.40	31.6
2021-04-02 22:11:50	1.41	33.1
2021-04-02 22:12:00	1.44	32.5
2021-04-02 22:12:10	1.73	34.4
2021-04-02 22:12:50	1.30	31.8
2021-04-02 22:13:00	1.37	32.1
2021-04-02 22:14:00	1.47	34.9
2021-04-02 22:14:10	1.50	33.1
2021-04-02 22:14:20	1.43	31.9
2021-04-02 22:14:30	1.37	30.8
2021-04-02 22:14:40	1.42	30.5
2021-04-02 22:14:50	1.44	31.0
2021-04-02 22:15:00	1.42	30.8
2021-04-02 22:15:10	1.31	30.7
2021-04-02 22:15:20	1.31	30.6
2021-04-02 22:15:30	1.34	30.7
2021-04-02 22:15:40	1.46	32.5
2021-04-02 22:15:50	1.48	32.3
2021-04-02 22:16:00	1.40	31.1
2021-04-02 22:16:10	1.44	31.0
2021-04-02 22:16:20	1.38	30.7
2021-04-02 22:16:30	1.40	30.4
2021-04-02 22:16:40	1.30	30.7
2021-04-02 22:16:50	1.22	30.6
2021-04-02 22:17:00	1.11	30.7
2021-04-02 22:17:10	1.10	31.8
2021-04-02 22:17:20	1.17	31.9
2021-04-02 22:17:30	1.25	34.5
2021-04-02 22:17:40	1.33	34.2
2021-04-02 22:18:30	1.16	32.6
2021-04-02 22:18:40	1.24	30.9
2021-04-02 22:18:50	1.23	30.9
2021-04-02 22:19:00	1.20	31.3
2021-04-02 22:19:10	1.29	33.0
2021-04-02 22:19:20	1.33	34.9
2021-04-02 22:19:40	1.52	35.2
2021-04-02 22:20:00	1.44	34.7
2021-04-02 22:20:10	1.39	34.0
2021-04-02 22:20:20	1.32	33.2
2021-04-02 22:20:30	1.25	33.4
2021-04-02 22:20:40	1.24	33.1
2021-04-02 22:20:50	1.05	32.8
2021-04-02 22:21:00	0.79	32.6
2021-04-02 22:21:10	0.78	32.6
2021-04-02 22:21:20	0.83	31.9
2021-04-02 22:21:30	1.06	31.3
2021-04-02 22:21:40	0.67	31.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 22:21:50	0.84	31.0
2021-04-02 22:22:00	0.65	30.9
2021-04-02 22:22:10	0.52	30.8
2021-04-02 22:22:20	0.81	30.9
2021-04-02 22:22:30	1.01	30.8
2021-04-02 22:22:40	0.81	30.7
2021-04-02 22:22:50	0.87	30.7
2021-04-02 22:23:00	1.04	30.6
2021-04-02 22:23:10	1.17	30.8
2021-04-02 22:23:20	0.84	30.7
2021-04-02 22:23:30	0.89	30.6
2021-04-02 22:23:40	1.09	30.6
2021-04-02 22:23:50	0.94	30.7
2021-04-02 22:24:00	0.90	31.2
2021-04-02 22:25:40	1.09	33.4
2021-04-02 22:25:50	1.13	32.5
2021-04-02 22:26:00	1.18	34.4
2021-04-02 22:26:10	1.27	34.5
2021-04-02 22:27:00	1.05	30.7
2021-04-02 22:27:10	1.10	30.2
2021-04-02 22:27:20	1.01	30.2
2021-04-02 22:27:30	1.10	30.0
2021-04-02 22:27:40	1.07	30.0
2021-04-02 22:27:50	1.09	30.0
2021-04-02 22:28:00	1.13	30.0
2021-04-02 22:28:10	1.14	30.0
2021-04-02 22:28:20	1.12	30.0
2021-04-02 22:28:30	1.18	30.1
2021-04-02 22:28:40	1.10	30.0
2021-04-02 22:28:50	1.02	30.0
2021-04-02 22:29:00	1.05	30.0
2021-04-02 22:29:10	1.03	30.2
2021-04-02 22:29:20	0.94	30.7
2021-04-02 22:29:30	0.90	33.5
2021-04-02 23:01:40	1.62	30.7
2021-04-02 23:01:50	1.67	30.1
2021-04-02 23:02:00	1.77	30.0
2021-04-02 23:02:10	1.81	29.9
2021-04-02 23:02:20	1.69	29.9
2021-04-02 23:02:30	1.65	30.1
2021-04-02 23:02:40	1.66	29.9
2021-04-02 23:02:50	1.56	29.9
2021-04-02 23:03:00	1.56	30.0
2021-04-02 23:03:10	1.76	30.1
2021-04-02 23:03:20	1.68	30.3
2021-04-02 23:03:30	1.72	30.3
2021-04-02 23:03:40	1.77	31.1
2021-04-02 23:03:50	1.72	31.5
2021-04-02 23:04:00	1.55	31.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 23:04:10	1.79	33.7
2021-04-02 23:04:20	1.86	32.2
2021-04-02 23:04:30	1.80	31.0
2021-04-02 23:04:40	1.73	31.7
2021-04-02 23:04:50	1.78	31.3
2021-04-02 23:05:00	1.85	35.9
2021-04-02 23:05:30	1.70	37.9
2021-04-02 23:05:40	1.65	34.2
2021-04-02 23:05:50	2.18	32.2
2021-04-02 23:06:00	1.98	32.6
2021-04-02 23:06:10	2.12	32.1
2021-04-02 23:06:20	2.06	31.3
2021-04-02 23:06:30	2.14	32.0
2021-04-02 23:06:40	1.94	31.8
2021-04-02 23:06:50	1.83	33.4
2021-04-02 23:07:30	1.86	37.6
2021-04-02 23:07:40	1.80	35.4
2021-04-02 23:07:50	1.81	36.2
2021-04-02 23:08:00	1.80	34.2
2021-04-02 23:08:10	1.91	31.2
2021-04-02 23:08:20	1.74	31.6
2021-04-02 23:08:30	1.73	32.0
2021-04-02 23:08:40	1.71	31.9
2021-04-02 23:08:50	1.85	31.0
2021-04-02 23:09:00	1.81	31.2
2021-04-02 23:09:10	1.86	31.9
2021-04-02 23:09:20	1.82	33.6
2021-04-02 23:09:30	1.78	36.9
2021-04-02 23:10:20	1.76	35.6
2021-04-02 23:10:30	1.77	32.3
2021-04-02 23:10:40	1.91	33.9
2021-04-02 23:10:50	1.91	35.0
2021-04-02 23:11:00	1.80	32.1
2021-04-02 23:11:10	1.81	32.7
2021-04-02 23:11:20	1.59	33.5
2021-04-02 23:11:30	1.51	35.0
2021-04-02 23:11:40	1.80	34.7
2021-04-02 23:11:50	1.77	35.7
2021-04-02 23:12:00	1.96	36.9
2021-04-02 23:13:50	1.83	36.8
2021-04-02 23:14:00	2.12	35.5
2021-04-02 23:14:10	1.75	35.1
2021-04-02 23:14:20	1.71	34.0
2021-04-02 23:14:30	1.66	34.2
2021-04-02 23:14:40	1.63	34.0
2021-04-02 23:14:50	1.74	33.2
2021-04-02 23:15:00	1.66	36.0
2021-04-02 23:16:10	1.96	36.0
2021-04-02 23:16:20	1.75	33.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 23:16:30	1.69	34.1
2021-04-02 23:16:40	1.59	32.9
2021-04-02 23:16:50	1.63	32.0
2021-04-02 23:17:00	1.68	32.2
2021-04-02 23:17:10	1.73	32.6
2021-04-02 23:17:20	1.81	31.8
2021-04-02 23:17:30	1.77	30.8
2021-04-02 23:17:40	1.64	31.5
2021-04-02 23:17:50	1.54	30.8
2021-04-02 23:18:00	1.58	30.7
2021-04-02 23:18:10	1.49	30.6
2021-04-02 23:18:20	1.58	30.5
2021-04-02 23:18:30	1.54	30.3
2021-04-02 23:18:40	1.60	30.7
2021-04-02 23:18:50	1.32	30.7
2021-04-02 23:19:00	1.35	31.0
2021-04-02 23:19:10	1.46	31.0
2021-04-02 23:19:20	1.31	30.6
2021-04-02 23:19:30	1.52	30.5
2021-04-02 23:19:40	1.80	30.3
2021-04-02 23:19:50	1.56	30.5
2021-04-02 23:20:00	1.37	30.6
2021-04-02 23:20:10	1.38	30.6
2021-04-02 23:20:20	1.28	30.4
2021-04-02 23:20:30	1.28	31.5
2021-04-02 23:20:40	1.36	32.1
2021-04-02 23:20:50	1.41	32.5
2021-04-02 23:21:00	1.31	34.2
2021-04-02 23:21:50	1.37	31.7
2021-04-02 23:23:40	1.09	35.7
2021-04-02 23:23:50	1.19	34.7
2021-04-02 23:24:00	1.41	32.7
2021-04-02 23:24:10	1.27	32.3
2021-04-02 23:24:20	1.21	31.4
2021-04-02 23:24:30	1.24	31.3
2021-04-02 23:24:40	1.31	32.3
2021-04-02 23:25:50	1.30	32.5
2021-04-02 23:26:00	1.28	31.5
2021-04-02 23:26:10	1.16	30.5
2021-04-02 23:26:20	1.18	30.1
2021-04-02 23:26:30	1.40	30.1
2021-04-02 23:26:40	1.33	30.3
2021-04-02 23:26:50	1.17	30.5
2021-04-02 23:27:00	1.20	31.0
2021-04-02 23:27:10	1.25	30.6
2021-04-02 23:27:20	1.25	30.4
2021-04-02 23:27:30	1.17	30.5
2021-04-02 23:27:40	1.17	30.1
2021-04-02 23:27:50	1.29	30.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-02 23:28:00	1.27	30.9
2021-04-02 23:28:10	1.10	31.3
2021-04-02 23:28:20	0.88	31.0
2021-04-02 23:28:30	0.96	30.9
2021-04-02 23:28:40	1.06	31.1
2021-04-02 23:28:50	1.08	31.4
2021-04-02 23:29:00	1.08	31.6
2021-04-02 23:29:10	0.94	30.9
2021-04-02 23:29:20	1.07	30.1
2021-04-03 00:01:40	1.09	29.9
2021-04-03 00:01:50	1.06	29.9
2021-04-03 00:02:00	1.02	29.9
2021-04-03 00:02:10	1.07	29.9
2021-04-03 00:02:20	1.07	29.9
2021-04-03 00:02:30	0.79	29.9
2021-04-03 00:02:40	0.82	29.9
2021-04-03 00:02:50	1.02	29.8
2021-04-03 00:03:00	0.80	29.8
2021-04-03 00:03:10	0.93	29.8
2021-04-03 00:03:20	0.85	29.8
2021-04-03 00:03:30	0.94	29.9
2021-04-03 00:03:40	0.53	29.9
2021-04-03 00:03:50	0.71	29.9
2021-04-03 00:04:00	0.66	29.9
2021-04-03 00:04:10	0.82	29.9
2021-04-03 00:04:20	0.75	29.9
2021-04-03 00:04:30	0.85	29.9
2021-04-03 00:04:40	0.90	29.9
2021-04-03 00:04:50	0.94	30.0
2021-04-03 00:05:00	0.99	29.9
2021-04-03 00:05:10	0.96	29.9
2021-04-03 00:05:20	1.04	29.9
2021-04-03 00:05:30	0.94	29.8
2021-04-03 00:05:40	1.11	29.9
2021-04-03 00:05:50	1.06	29.9
2021-04-03 00:06:00	1.03	29.9
2021-04-03 00:06:10	1.02	29.9
2021-04-03 00:06:20	0.84	29.9
2021-04-03 00:06:30	0.89	29.9
2021-04-03 00:06:40	0.91	29.9
2021-04-03 00:06:50	0.81	29.8
2021-04-03 00:07:00	0.87	29.9
2021-04-03 00:07:10	1.00	29.9
2021-04-03 00:07:20	0.91	29.9
2021-04-03 00:07:30	0.81	29.8
2021-04-03 00:07:40	0.90	29.8
2021-04-03 00:07:50	0.94	29.8
2021-04-03 00:08:00	0.92	29.9
2021-04-03 00:08:10	1.00	29.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-03 00:08:20	1.18	29.8
2021-04-03 00:08:30	1.13	29.9
2021-04-03 00:08:40	1.04	29.9
2021-04-03 00:08:50	0.93	29.9
2021-04-03 00:09:00	0.83	29.9
2021-04-03 00:09:10	0.98	29.8
2021-04-03 00:09:20	1.04	29.8
2021-04-03 00:09:30	1.07	29.8
2021-04-03 00:09:40	1.03	29.8
2021-04-03 00:09:50	0.98	29.8
2021-04-03 00:10:00	1.04	29.9
2021-04-03 00:10:10	1.05	29.9
2021-04-03 00:10:20	1.24	29.9
2021-04-03 00:10:30	1.12	29.9
2021-04-03 00:10:40	1.17	29.9
2021-04-03 00:10:50	1.46	29.9
2021-04-03 00:11:00	1.54	29.9
2021-04-03 00:11:10	1.37	29.8
2021-04-03 00:11:20	1.55	30.2
2021-04-03 00:11:30	1.45	30.5
2021-04-03 00:11:40	1.43	31.1
2021-04-03 00:11:50	1.39	33.7
2021-04-03 00:13:00	1.63	37.8
2021-04-03 00:13:30	1.56	36.7
2021-04-03 00:13:40	1.67	35.4
2021-04-03 00:13:50	1.79	34.7
2021-04-03 00:14:00	1.75	34.7
2021-04-03 00:14:10	1.66	33.9
2021-04-03 00:14:20	1.74	33.4
2021-04-03 00:14:30	1.78	34.2
2021-04-03 00:14:40	1.74	33.8
2021-04-03 00:14:50	1.69	34.7
2021-04-03 00:15:00	1.64	34.8
2021-04-03 00:15:10	1.67	36.6
2021-04-03 00:15:20	1.52	37.4
2021-04-03 00:15:30	1.60	36.0
2021-04-03 00:15:40	1.54	35.5
2021-04-03 00:15:50	1.63	36.0
2021-04-03 00:16:00	1.51	35.6
2021-04-03 00:16:10	1.64	34.9
2021-04-03 00:16:20	1.55	36.2
2021-04-03 00:16:30	1.61	35.4
2021-04-03 00:16:40	1.60	35.7
2021-04-03 00:16:50	1.71	35.4
2021-04-03 00:17:40	1.55	37.3
2021-04-03 00:17:50	1.51	37.3
2021-04-03 00:18:10	1.51	36.2
2021-04-03 00:18:20	1.53	35.8
2021-04-03 00:18:40	1.68	35.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-03 00:18:50	1.62	34.8
2021-04-03 00:19:00	1.60	36.1
2021-04-03 00:19:10	1.61	37.9
2021-04-03 00:19:20	1.55	36.6
2021-04-03 00:19:30	1.59	36.1
2021-04-03 00:19:40	1.63	35.5
2021-04-03 00:20:00	1.55	37.2
2021-04-03 00:20:10	1.59	36.1
2021-04-03 00:20:20	1.53	34.6
2021-04-03 00:20:30	1.58	33.7
2021-04-03 00:20:40	1.77	33.7
2021-04-03 00:20:50	1.79	33.1
2021-04-03 00:21:00	1.76	32.8
2021-04-03 00:21:10	1.56	33.1
2021-04-03 00:21:30	1.48	34.1
2021-04-03 00:21:40	1.66	32.4
2021-04-03 00:21:50	1.65	31.3
2021-04-03 00:22:00	1.71	30.6
2021-04-03 00:22:10	1.65	30.2
2021-04-03 00:22:20	1.65	30.0
2021-04-03 00:22:30	1.68	29.9
2021-04-03 00:22:40	1.75	29.9
2021-04-03 00:22:50	1.87	29.9
2021-04-03 00:23:00	1.57	29.9
2021-04-03 00:23:10	1.86	30.0
2021-04-03 00:23:20	1.69	30.2
2021-04-03 00:23:30	1.74	30.2
2021-04-03 00:23:40	1.75	29.9
2021-04-03 00:23:50	1.72	30.0
2021-04-03 00:24:00	1.56	30.1
2021-04-03 00:24:10	1.71	30.1
2021-04-03 00:24:20	1.75	30.0
2021-04-03 00:24:30	1.66	29.9
2021-04-03 00:24:40	1.72	29.9
2021-04-03 00:24:50	1.78	29.9
2021-04-03 00:25:00	1.74	30.0
2021-04-03 00:25:10	1.75	30.2
2021-04-03 00:25:20	1.89	30.1
2021-04-03 00:25:30	1.71	30.1
2021-04-03 00:25:40	1.88	30.2
2021-04-03 00:25:50	1.86	30.5
2021-04-03 00:26:00	1.92	30.5
2021-04-03 00:26:10	1.82	30.4
2021-04-03 00:26:20	1.71	30.6
2021-04-03 00:26:30	1.75	30.3
2021-04-03 00:26:40	1.93	30.2
2021-04-03 00:26:50	1.61	31.2
2021-04-03 00:27:00	1.70	31.1
2021-04-03 00:27:10	1.81	30.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-03 00:27:20	1.60	30.5
2021-04-03 00:27:30	1.65	30.0
2021-04-03 00:27:40	1.66	30.0
2021-04-03 00:27:50	1.78	29.9
2021-04-03 00:28:00	1.67	29.9
2021-04-03 00:28:10	1.53	30.0
2021-04-03 00:28:20	1.57	30.5
2021-04-03 00:28:30	1.58	30.2
2021-04-03 00:28:40	1.72	29.9
2021-04-03 00:28:50	1.69	30.0
2021-04-03 00:29:00	1.55	30.5
2021-04-03 00:29:10	1.50	31.5
2021-04-03 00:29:20	1.66	31.8
2021-04-03 00:29:30	1.75	30.7
2021-04-03 00:29:40	1.78	30.3
2021-04-03 00:29:50	1.66	30.3
2021-04-03 00:30:00	1.58	31.8
2021-04-03 00:30:10	1.73	31.5
2021-04-03 00:30:20	1.60	30.8
2021-04-03 00:30:30	1.46	31.9
2021-04-03 01:01:50	1.74	34.3
2021-04-03 01:02:00	1.84	34.3
2021-04-03 01:02:10	1.95	33.6
2021-04-03 01:02:20	1.85	32.9
2021-04-03 01:02:30	1.97	34.2
2021-04-03 01:02:40	1.59	35.5
2021-04-03 01:02:50	1.55	35.2
2021-04-03 01:03:00	1.73	36.6
2021-04-03 01:03:10	1.79	34.8
2021-04-03 01:03:20	1.63	34.6
2021-04-03 01:03:30	1.59	35.8
2021-04-03 01:03:50	1.51	36.2
2021-04-03 01:04:00	1.76	38.1
2021-04-03 01:04:10	1.59	35.4
2021-04-03 01:04:20	1.80	37.3
2021-04-03 01:04:30	1.73	35.2
2021-04-03 01:04:40	1.57	37.4
2021-04-03 01:05:10	1.58	35.3
2021-04-03 01:05:20	1.74	37.5
2021-04-03 01:05:50	1.52	36.2
2021-04-03 01:06:00	1.71	36.6
2021-04-03 01:06:10	1.54	37.6
2021-04-03 01:06:40	1.63	33.9
2021-04-03 01:06:50	1.52	32.7
2021-04-03 01:07:00	1.54	32.2
2021-04-03 01:07:10	1.69	31.9
2021-04-03 01:07:20	1.45	31.7
2021-04-03 01:07:30	1.61	31.0
2021-04-03 01:07:40	1.59	30.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-03 01:07:50	1.36	30.5
2021-04-03 01:08:00	1.30	30.7
2021-04-03 01:08:40	1.49	32.8
2021-04-03 01:09:00	1.35	30.9
2021-04-03 01:09:10	1.29	30.7
2021-04-03 01:09:20	1.26	30.5
2021-04-03 01:09:30	1.30	30.4
2021-04-03 01:09:40	1.37	30.4
2021-04-03 01:09:50	1.51	30.5
2021-04-03 01:10:00	1.30	30.5
2021-04-03 01:10:10	1.25	30.6
2021-04-03 01:10:20	1.12	30.6
2021-04-03 01:10:30	1.19	30.7
2021-04-03 01:10:40	1.25	30.7
2021-04-03 01:10:50	1.27	30.9
2021-04-03 01:11:00	1.34	31.2
2021-04-03 01:12:00	1.42	34.9
2021-04-03 01:12:10	1.52	36.0
2021-04-03 01:12:20	1.46	33.0
2021-04-03 01:12:30	1.51	31.3
2021-04-03 01:12:40	1.36	31.1
2021-04-03 01:12:50	1.46	31.0
2021-04-03 01:13:00	1.10	30.7
2021-04-03 01:13:40	1.23	30.7
2021-04-03 01:13:50	1.04	30.6
2021-04-03 01:14:00	1.26	30.6
2021-04-03 01:14:10	1.27	30.6
2021-04-03 01:14:20	0.83	30.5
2021-04-03 01:14:30	1.29	30.5
2021-04-03 01:14:40	1.60	30.9
2021-04-03 01:14:50	1.61	31.1
2021-04-03 01:15:00	1.25	30.6
2021-04-03 01:15:10	1.42	30.7
2021-04-03 01:15:20	1.58	30.5
2021-04-03 01:15:30	1.49	30.5
2021-04-03 01:15:40	1.53	30.5
2021-04-03 01:15:50	1.61	31.6
2021-04-03 01:16:00	1.39	30.8
2021-04-03 01:16:10	1.20	30.5
2021-04-03 01:16:20	0.91	30.6
2021-04-03 01:16:30	1.16	30.6
2021-04-03 01:16:40	1.51	30.5
2021-04-03 01:16:50	1.30	30.6
2021-04-03 01:17:00	0.71	30.3
2021-04-03 01:17:10	0.76	30.5
2021-04-03 01:17:20	1.27	30.5
2021-04-03 01:17:30	1.24	30.8
2021-04-03 01:17:40	1.18	30.6
2021-04-03 01:17:50	0.93	30.4

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-03 01:18:00	0.73	30.5
2021-04-03 01:18:10	0.77	30.4
2021-04-03 01:18:20	0.74	30.6
2021-04-03 01:18:30	1.15	30.4
2021-04-03 01:18:40	1.16	30.3
2021-04-03 01:18:50	0.83	30.3
2021-04-03 01:19:00	1.28	30.6
2021-04-03 01:19:10	0.86	30.6
2021-04-03 01:19:20	0.53	30.5
2021-04-03 01:19:30	1.13	30.6
2021-04-03 01:19:40	1.71	30.4
2021-04-03 01:19:50	0.93	30.4
2021-04-03 01:20:00	1.00	30.4
2021-04-03 01:20:10	0.91	30.5
2021-04-03 01:20:20	1.62	30.5
2021-04-03 01:20:30	1.50	30.4
2021-04-03 01:20:40	1.79	30.3
2021-04-03 01:20:50	0.84	30.4
2021-04-03 01:21:00	1.69	30.4
2021-04-03 01:21:10	1.47	30.5
2021-04-03 01:21:20	1.58	30.4
2021-04-03 01:21:30	1.81	30.4
2021-04-03 01:21:40	1.42	30.6
2021-04-03 01:21:50	1.66	30.5
2021-04-03 01:22:00	1.37	30.4
2021-04-03 01:22:10	1.47	30.6
2021-04-03 01:22:20	1.18	30.5
2021-04-03 01:22:30	1.25	30.6
2021-04-03 01:22:40	1.68	30.4
2021-04-03 01:22:50	1.57	30.5
2021-04-03 01:23:00	1.70	30.6
2021-04-03 01:23:10	1.50	30.4
2021-04-03 01:23:20	2.00	30.3
2021-04-03 01:23:30	1.76	30.4
2021-04-03 01:23:40	2.01	30.4
2021-04-03 01:23:50	1.77	30.4
2021-04-03 01:24:00	1.98	30.4
2021-04-03 01:24:10	1.93	30.4
2021-04-03 01:24:20	1.40	30.4
2021-04-03 01:24:30	1.39	30.6
2021-04-03 01:24:40	1.09	30.6
2021-04-03 01:24:50	1.22	30.6
2021-04-03 01:25:00	1.42	30.6
2021-04-03 01:25:10	0.98	30.8
2021-04-03 01:25:20	1.43	30.5
2021-04-03 01:25:30	1.88	30.4
2021-04-03 01:25:40	1.59	30.5
2021-04-03 01:25:50	1.28	30.6
2021-04-03 01:26:00	1.36	30.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-03 01:26:10	1.12	30.4
2021-04-03 01:26:20	1.06	30.4
2021-04-03 01:26:30	1.34	30.4
2021-04-03 01:26:40	1.78	30.4
2021-04-03 01:26:50	1.37	30.5
2021-04-03 01:27:00	1.62	30.5
2021-04-03 01:27:10	1.59	30.7
2021-04-03 01:27:20	1.30	30.5
2021-04-03 01:27:30	1.19	30.6
2021-04-03 01:27:40	1.53	30.5
2021-04-03 01:27:50	1.47	31.4
2021-04-03 01:28:00	1.32	32.2
2021-04-03 01:28:10	1.64	32.3
2021-04-03 01:28:20	1.94	32.8
2021-04-03 01:28:30	1.78	31.7
2021-04-03 01:28:40	1.60	31.2
2021-04-03 01:28:50	1.93	31.2
2021-04-03 01:29:00	1.34	32.7
2021-04-03 01:30:10	1.82	37.6
2021-04-03 01:30:20	1.75	32.5
2021-04-03 02:01:50	1.47	30.2
2021-04-03 02:02:00	1.98	30.2
2021-04-03 02:02:10	1.22	30.2
2021-04-03 02:02:20	1.29	30.2
2021-04-03 02:02:30	1.60	30.2
2021-04-03 02:02:40	1.08	30.3
2021-04-03 02:02:50	1.14	30.1
2021-04-03 02:03:00	1.81	30.1
2021-04-03 02:03:10	1.38	30.1
2021-04-03 02:03:20	1.23	30.1
2021-04-03 02:03:30	0.95	30.2
2021-04-03 02:03:40	1.77	30.1
2021-04-03 02:03:50	1.00	30.0
2021-04-03 02:04:00	1.21	30.0
2021-04-03 02:04:10	1.48	30.1
2021-04-03 02:04:20	1.57	30.0
2021-04-03 02:04:30	2.12	30.0
2021-04-03 02:04:40	1.69	30.0
2021-04-03 02:04:50	1.76	30.0
2021-04-03 02:05:00	2.08	30.0
2021-04-03 02:05:10	1.93	30.1
2021-04-03 02:05:20	2.37	30.0
2021-04-03 02:05:30	2.09	30.0
2021-04-03 02:05:40	2.10	30.1
2021-04-03 02:05:50	2.30	30.1
2021-04-03 02:06:00	2.38	30.1
2021-04-03 02:06:10	2.24	30.0
2021-04-03 02:06:20	2.32	30.1
2021-04-03 02:06:30	1.96	30.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-03 02:06:40	1.44	30.1
2021-04-03 02:06:50	1.76	30.0
2021-04-03 02:07:00	2.27	30.1
2021-04-03 02:07:10	2.33	30.2
2021-04-03 02:07:20	2.23	30.1
2021-04-03 02:07:30	2.02	30.1
2021-04-03 02:07:40	1.86	30.2
2021-04-03 02:07:50	2.24	30.1
2021-04-03 02:08:00	1.72	30.2
2021-04-03 02:08:10	1.72	30.2
2021-04-03 02:08:20	2.00	30.2
2021-04-03 02:08:30	2.18	30.1
2021-04-03 02:08:40	2.40	30.2
2021-04-03 02:08:50	2.46	30.2
2021-04-03 02:09:00	2.22	30.2
2021-04-03 02:09:10	1.86	30.1
2021-04-03 02:09:20	2.11	30.0
2021-04-03 02:09:30	2.00	30.1
2021-04-03 02:09:40	1.71	30.2
2021-04-03 02:09:50	1.48	30.2
2021-04-03 02:10:00	2.01	30.3
2021-04-03 02:10:10	1.73	30.2
2021-04-03 02:10:20	2.33	30.2
2021-04-03 02:10:30	2.27	30.3
2021-04-03 02:10:40	2.44	30.3
2021-04-03 02:10:50	2.49	30.2
2021-04-03 02:11:00	2.25	30.2
2021-04-03 02:11:10	2.44	30.3
2021-04-03 02:11:20	2.58	30.4
2021-04-03 02:11:30	2.44	30.3
2021-04-03 02:11:40	2.58	30.2
2021-04-03 02:11:50	2.51	30.1
2021-04-03 02:12:00	2.45	30.2
2021-04-03 02:12:10	2.42	30.3
2021-04-03 02:12:20	2.46	31.1
2021-04-03 02:12:30	2.40	30.9
2021-04-03 02:12:40	2.53	30.5
2021-04-03 02:12:50	2.35	32.0
2021-04-03 02:13:00	2.27	30.5
2021-04-03 02:13:10	2.50	33.3
2021-04-03 02:13:20	2.32	34.1
2021-04-03 02:13:30	2.10	37.1
2021-04-03 02:14:20	2.02	30.5
2021-04-03 02:14:30	1.75	30.2
2021-04-03 02:14:40	1.95	30.2
2021-04-03 02:14:50	1.94	30.4
2021-04-03 02:15:00	1.89	30.3
2021-04-03 02:15:10	2.19	30.5
2021-04-03 02:15:20	2.15	30.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-03 02:15:30	2.16	30.3
2021-04-03 02:15:40	1.48	30.4
2021-04-03 02:15:50	2.01	30.2
2021-04-03 02:16:00	1.98	30.2
2021-04-03 02:16:10	1.46	30.6
2021-04-03 02:16:20	1.95	30.1
2021-04-03 02:16:30	1.07	30.1
2021-04-03 02:16:40	1.64	30.3
2021-04-03 02:16:50	1.35	30.2
2021-04-03 02:17:00	1.00	30.1
2021-04-03 02:17:10	1.72	30.1
2021-04-03 02:17:20	1.21	30.2
2021-04-03 02:17:30	1.91	30.2
2021-04-03 02:17:40	1.78	30.2
2021-04-03 02:17:50	2.32	30.3
2021-04-03 02:18:00	1.75	30.2
2021-04-03 02:18:10	1.83	30.3
2021-04-03 02:18:20	2.10	30.3
2021-04-03 02:18:30	1.91	30.3
2021-04-03 02:18:40	2.18	30.3
2021-04-03 02:18:50	1.57	30.4
2021-04-03 02:19:00	1.60	30.3
2021-04-03 02:19:10	1.40	30.3
2021-04-03 02:19:20	1.85	30.4
2021-04-03 02:19:30	1.86	30.4
2021-04-03 02:19:40	1.98	30.2
2021-04-03 02:19:50	1.62	30.3
2021-04-03 02:20:00	1.29	30.2
2021-04-03 02:20:10	0.87	30.1
2021-04-03 02:20:20	1.86	30.3
2021-04-03 02:20:30	1.65	30.3
2021-04-03 02:20:40	1.39	30.2
2021-04-03 02:20:50	1.91	30.2
2021-04-03 02:21:00	1.90	30.3
2021-04-03 02:21:10	1.60	30.3
2021-04-03 02:21:20	1.73	30.3
2021-04-03 02:21:30	1.12	30.2
2021-04-03 02:21:40	1.89	30.3
2021-04-03 02:21:50	2.24	30.3
2021-04-03 02:22:00	2.18	30.3
2021-04-03 02:22:10	2.25	30.3
2021-04-03 02:22:20	2.13	30.2
2021-04-03 02:22:30	1.59	30.3
2021-04-03 02:22:40	1.80	30.2
2021-04-03 02:22:50	1.91	30.2
2021-04-03 02:23:00	1.86	30.2
2021-04-03 02:23:10	1.52	30.2
2021-04-03 02:23:20	1.44	30.2
2021-04-03 02:23:30	1.75	30.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-03 02:23:40	1.52	30.1
2021-04-03 02:23:50	1.54	30.2
2021-04-03 02:24:00	0.95	30.1
2021-04-03 02:24:10	1.42	30.2
2021-04-03 02:24:20	1.82	30.1
2021-04-03 02:24:30	1.22	30.1
2021-04-03 02:24:40	1.37	30.3
2021-04-03 02:24:50	1.87	30.2
2021-04-03 02:25:00	1.44	30.1
2021-04-03 02:25:10	0.97	30.2
2021-04-03 02:25:20	1.01	30.3
2021-04-03 02:25:30	1.27	30.2
2021-04-03 02:25:40	1.58	30.2
2021-04-03 02:25:50	1.48	30.3
2021-04-03 02:26:00	1.65	30.3
2021-04-03 02:26:10	2.28	30.2
2021-04-03 02:26:20	2.33	30.1
2021-04-03 02:26:30	2.08	30.3
2021-04-03 02:26:40	2.25	30.2
2021-04-03 02:26:50	2.16	30.2
2021-04-03 02:27:00	1.59	30.3
2021-04-03 02:27:10	2.18	30.3
2021-04-03 02:27:20	1.88	30.2
2021-04-03 02:27:30	1.57	30.2
2021-04-03 02:27:40	1.37	30.2
2021-04-03 02:27:50	1.61	30.2
2021-04-03 02:28:00	1.39	30.3
2021-04-03 02:28:10	2.01	30.3
2021-04-03 02:28:20	1.73	30.6
2021-04-03 02:28:30	2.01	30.9
2021-04-03 02:28:40	1.93	31.0
2021-04-03 02:28:50	1.84	31.2
2021-04-03 02:29:00	2.02	30.4
2021-04-03 02:29:10	1.41	30.8
2021-04-03 02:29:20	1.72	31.3
2021-04-03 02:29:30	1.34	31.1
2021-04-03 02:29:40	1.35	31.4
2021-04-03 02:29:50	1.00	30.7
2021-04-03 02:30:00	1.44	30.4
2021-04-03 02:30:10	1.35	30.2
2021-04-03 02:30:20	1.62	30.1
2021-04-03 02:30:30	1.40	30.7
2021-04-03 03:01:50	2.07	30.3
2021-04-03 03:02:00	1.25	30.2
2021-04-03 03:02:10	1.48	30.3
2021-04-03 03:02:20	2.22	30.4
2021-04-03 03:02:30	2.25	30.5
2021-04-03 03:02:40	1.64	30.4
2021-04-03 03:02:50	1.92	30.4

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-03 03:03:00	0.86	30.4
2021-04-03 03:03:10	0.98	30.2
2021-04-03 03:03:20	0.61	30.2
2021-04-03 03:03:30	1.57	30.3
2021-04-03 03:03:40	1.47	30.3
2021-04-03 03:03:50	1.20	30.3
2021-04-03 03:04:00	2.13	30.3
2021-04-03 03:04:10	1.82	30.4
2021-04-03 03:04:20	2.01	30.4
2021-04-03 03:04:30	1.74	30.5
2021-04-03 03:04:40	1.44	30.5
2021-04-03 03:04:50	1.63	30.5
2021-04-03 03:05:00	1.53	30.4
2021-04-03 03:05:10	2.08	30.5
2021-04-03 03:05:20	1.89	30.5
2021-04-03 03:05:30	1.61	30.4
2021-04-03 03:05:40	1.83	30.5
2021-04-03 03:05:50	1.83	30.5
2021-04-03 03:06:00	1.78	30.6
2021-04-03 03:06:10	1.13	30.6
2021-04-03 03:06:20	1.42	30.5
2021-04-03 03:06:30	1.09	30.7
2021-04-03 03:06:40	0.99	30.5
2021-04-03 03:06:50	1.25	30.5
2021-04-03 03:07:00	1.49	30.7
2021-04-03 03:07:10	1.15	30.6
2021-04-03 03:07:20	0.80	30.7
2021-04-03 03:07:30	0.88	30.6
2021-04-03 03:07:40	1.04	30.7
2021-04-03 03:07:50	1.26	30.6
2021-04-03 03:08:00	0.95	30.5
2021-04-03 03:08:10	1.22	30.5
2021-04-03 03:08:20	1.28	30.4
2021-04-03 03:08:30	1.56	30.5
2021-04-03 03:08:40	1.21	30.4
2021-04-03 03:08:50	1.31	30.4
2021-04-03 03:09:00	1.25	30.6
2021-04-03 03:09:10	1.87	30.5
2021-04-03 03:09:20	1.42	30.5
2021-04-03 03:09:30	0.99	30.5
2021-04-03 03:09:40	0.94	30.6
2021-04-03 03:09:50	1.50	30.6
2021-04-03 03:10:00	1.68	30.4
2021-04-03 03:10:10	1.24	30.6
2021-04-03 03:10:20	2.07	30.5
2021-04-03 03:10:30	1.97	30.4
2021-04-03 03:10:40	1.79	30.6
2021-04-03 03:10:50	2.00	30.5
2021-04-03 03:11:00	1.84	30.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-03 03:11:10	1.21	30.5
2021-04-03 03:11:20	1.65	30.4
2021-04-03 03:11:30	1.14	30.4
2021-04-03 03:11:40	1.51	30.4
2021-04-03 03:11:50	1.62	30.6
2021-04-03 03:12:00	1.44	30.3
2021-04-03 03:12:10	1.36	30.6
2021-04-03 03:12:20	1.40	30.4
2021-04-03 03:12:30	1.63	30.7
2021-04-03 03:12:40	1.79	30.5
2021-04-03 03:12:50	1.64	30.4
2021-04-03 03:13:00	1.84	30.5
2021-04-03 03:13:10	1.78	30.5
2021-04-03 03:13:20	1.78	30.5
2021-04-03 03:13:30	1.68	30.8
2021-04-03 03:13:40	1.28	30.6
2021-04-03 03:13:50	1.71	30.5
2021-04-03 03:14:00	1.82	30.5
2021-04-03 03:14:10	1.74	30.5
2021-04-03 03:14:20	1.48	30.4
2021-04-03 03:14:30	1.82	30.5
2021-04-03 03:14:40	1.62	30.5
2021-04-03 03:14:50	1.91	30.6
2021-04-03 03:15:00	1.57	30.7
2021-04-03 03:15:10	1.80	30.8
2021-04-03 03:15:20	1.56	30.5
2021-04-03 03:15:30	1.37	30.5
2021-04-03 03:15:40	1.82	30.7
2021-04-03 03:15:50	1.77	30.6
2021-04-03 03:16:00	1.35	30.5
2021-04-03 03:16:10	1.39	30.5
2021-04-03 03:16:20	1.65	30.4
2021-04-03 03:16:30	1.96	30.6
2021-04-03 03:16:40	1.45	30.4
2021-04-03 03:16:50	1.81	30.6
2021-04-03 03:17:00	2.51	30.6
2021-04-03 03:17:10	2.45	30.4
2021-04-03 03:17:20	2.39	30.4
2021-04-03 03:17:30	2.60	30.5
2021-04-03 03:17:40	2.42	30.4
2021-04-03 03:17:50	1.97	30.4
2021-04-03 03:18:00	1.85	30.5
2021-04-03 03:18:10	1.62	30.4
2021-04-03 03:18:20	2.16	30.4
2021-04-03 03:18:30	2.02	30.4
2021-04-03 03:18:40	2.27	30.4
2021-04-03 03:18:50	1.92	30.4
2021-04-03 03:19:00	2.24	30.3
2021-04-03 03:19:10	1.88	30.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-03 03:19:20	1.74	30.2
2021-04-03 03:19:30	1.85	30.1
2021-04-03 03:19:40	1.77	30.3
2021-04-03 03:19:50	1.96	30.2
2021-04-03 03:20:00	2.19	30.3
2021-04-03 03:20:10	1.62	30.3
2021-04-03 03:20:20	1.79	30.3
2021-04-03 03:20:30	2.11	30.4
2021-04-03 03:20:40	2.24	30.4
2021-04-03 03:20:50	1.46	30.4
2021-04-03 03:21:00	1.83	30.4
2021-04-03 03:21:10	2.00	30.4
2021-04-03 03:21:20	1.84	30.3
2021-04-03 03:21:30	1.26	30.4
2021-04-03 03:21:40	1.72	30.2
2021-04-03 03:21:50	1.39	30.3
2021-04-03 03:22:00	1.77	30.3
2021-04-03 03:22:10	1.77	30.3
2021-04-03 03:22:20	1.33	30.3
2021-04-03 03:22:30	1.49	30.3
2021-04-03 03:22:40	1.67	30.6
2021-04-03 03:22:50	2.06	30.6
2021-04-03 03:23:00	1.75	30.5
2021-04-03 03:23:10	2.03	30.5
2021-04-03 03:23:20	2.07	30.5
2021-04-03 03:23:30	1.66	30.6
2021-04-03 03:23:40	1.65	30.6
2021-04-03 03:23:50	2.00	30.7
2021-04-03 03:24:00	1.09	30.6
2021-04-03 03:24:10	1.44	30.7
2021-04-03 03:24:20	2.11	30.7
2021-04-03 03:24:30	1.94	30.7
2021-04-03 03:24:40	1.75	30.7
2021-04-03 03:24:50	1.64	30.6
2021-04-03 03:25:00	1.29	30.6
2021-04-03 03:25:10	1.49	30.7
2021-04-03 03:25:20	1.72	30.7
2021-04-03 03:25:30	1.19	30.8
2021-04-03 03:25:40	1.55	30.6
2021-04-03 03:25:50	0.97	30.7
2021-04-03 03:26:00	0.99	30.8
2021-04-03 03:26:10	1.52	30.7
2021-04-03 03:26:20	1.79	30.6
2021-04-03 03:26:30	1.48	30.7
2021-04-03 03:26:40	1.22	30.6
2021-04-03 03:26:50	2.01	30.7
2021-04-03 03:27:00	1.57	30.7
2021-04-03 03:27:10	1.73	30.7
2021-04-03 03:27:20	1.72	30.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-03 03:27:30	2.08	30.6
2021-04-03 03:27:40	1.99	30.6
2021-04-03 03:27:50	1.78	30.6
2021-04-03 03:28:00	1.39	30.7
2021-04-03 03:28:10	1.39	30.8
2021-04-03 03:28:20	1.44	30.8
2021-04-03 03:28:30	1.23	31.1
2021-04-03 03:28:40	1.23	31.5
2021-04-03 03:29:10	1.75	37.5
2021-04-03 03:29:20	1.64	37.4
2021-04-03 03:30:10	2.03	37.8
2021-04-03 03:30:20	1.38	32.4
2021-04-03 04:02:00	2.40	33.0
2021-04-03 04:02:10	2.32	32.2
2021-04-03 04:02:20	2.76	31.5
2021-04-03 04:02:30	2.25	31.9
2021-04-03 04:02:40	2.35	34.3
2021-04-03 04:02:50	2.35	33.7
2021-04-03 04:03:00	2.63	31.5
2021-04-03 04:03:10	2.59	31.5
2021-04-03 04:03:20	2.46	31.5
2021-04-03 04:03:30	2.19	31.9
2021-04-03 04:03:40	2.25	32.3
2021-04-03 04:03:50	2.38	32.8
2021-04-03 04:04:00	2.43	32.9
2021-04-03 04:04:10	2.40	35.5
2021-04-03 04:04:20	2.02	36.2
2021-04-03 04:04:30	2.05	33.9
2021-04-03 04:04:40	2.19	31.9
2021-04-03 04:04:50	2.37	32.2
2021-04-03 04:05:00	2.36	33.7
2021-04-03 04:05:10	2.32	34.7
2021-04-03 04:05:40	2.60	31.4
2021-04-03 04:05:50	2.47	32.2
2021-04-03 04:06:00	2.32	32.8
2021-04-03 04:06:10	2.54	35.0
2021-04-03 04:06:20	2.51	31.9
2021-04-03 04:06:30	2.40	31.2
2021-04-03 04:06:40	2.54	31.6
2021-04-03 04:06:50	2.35	31.1
2021-04-03 04:07:00	2.43	31.4
2021-04-03 04:07:10	2.46	31.1
2021-04-03 04:07:20	2.60	30.9
2021-04-03 04:07:30	2.76	30.8
2021-04-03 04:07:40	2.17	31.3
2021-04-03 04:07:50	2.12	31.3
2021-04-03 04:08:00	2.39	32.2
2021-04-03 04:08:10	2.79	31.1
2021-04-03 04:08:20	2.52	30.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-03 04:08:30	2.34	30.6
2021-04-03 04:08:40	2.62	30.7
2021-04-03 04:08:50	2.43	31.1
2021-04-03 04:09:00	2.84	31.0
2021-04-03 04:09:10	2.67	31.1
2021-04-03 04:09:20	2.53	30.9
2021-04-03 04:09:30	2.55	31.0
2021-04-03 04:09:40	2.48	31.1
2021-04-03 04:09:50	2.47	31.3
2021-04-03 04:10:00	2.43	31.0
2021-04-03 04:10:10	2.71	31.1
2021-04-03 04:10:20	2.55	31.2
2021-04-03 04:10:30	2.49	31.0
2021-04-03 04:10:40	2.36	30.7
2021-04-03 04:10:50	2.22	30.7
2021-04-03 04:11:00	2.35	30.8
2021-04-03 04:11:10	2.80	30.9
2021-04-03 04:11:20	2.63	30.6
2021-04-03 04:11:30	2.40	30.7
2021-04-03 04:11:40	2.33	30.8
2021-04-03 04:11:50	2.27	31.3
2021-04-03 04:12:00	2.18	31.6
2021-04-03 04:12:10	2.27	31.2
2021-04-03 04:12:20	2.55	31.5
2021-04-03 04:12:30	2.49	31.4
2021-04-03 04:12:40	2.36	31.0
2021-04-03 04:12:50	2.11	30.9
2021-04-03 04:13:00	2.60	30.7
2021-04-03 04:13:10	2.56	30.8
2021-04-03 04:13:20	2.37	30.8
2021-04-03 04:13:30	2.56	31.0
2021-04-03 04:13:40	2.83	30.8
2021-04-03 04:13:50	2.56	30.7
2021-04-03 04:14:00	2.42	30.7
2021-04-03 04:14:10	2.16	30.8
2021-04-03 04:14:20	2.37	30.6
2021-04-03 04:14:30	2.18	30.8
2021-04-03 04:14:40	2.64	30.8
2021-04-03 04:14:50	2.39	30.8
2021-04-03 04:15:00	2.70	30.8
2021-04-03 04:15:10	2.68	31.0
2021-04-03 04:15:20	2.60	30.8
2021-04-03 04:15:30	2.62	30.9
2021-04-03 04:15:40	2.98	30.9
2021-04-03 04:15:50	2.63	30.9
2021-04-03 04:16:00	2.63	30.9
2021-04-03 04:16:10	2.80	30.9
2021-04-03 04:16:20	2.61	30.7
2021-04-03 04:16:30	2.54	30.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-03 04:16:40	2.54	31.9
2021-04-03 04:16:50	2.63	34.3
2021-04-03 04:17:40	2.50	36.2
2021-04-03 04:17:50	2.67	34.0
2021-04-03 04:18:00	2.68	34.0
2021-04-03 04:18:10	2.48	32.4
2021-04-03 04:18:20	2.68	31.4
2021-04-03 04:18:30	2.67	31.2
2021-04-03 04:18:40	2.72	30.9
2021-04-03 04:18:50	2.83	30.9
2021-04-03 04:19:00	2.77	31.1
2021-04-03 04:19:10	2.61	31.3
2021-04-03 04:19:20	2.48	31.0
2021-04-03 04:19:30	2.50	31.4
2021-04-03 04:19:40	2.69	32.1
2021-04-03 04:19:50	2.84	31.4
2021-04-03 04:20:00	2.75	31.0
2021-04-03 04:20:10	2.76	31.0
2021-04-03 04:20:20	2.72	31.4
2021-04-03 04:20:30	2.59	31.8
2021-04-03 04:20:40	2.79	31.1
2021-04-03 04:20:50	2.65	30.9
2021-04-03 04:21:00	2.56	30.8
2021-04-03 04:21:10	2.76	30.7
2021-04-03 04:21:20	2.66	30.7
2021-04-03 04:21:30	2.92	30.6
2021-04-03 04:21:40	2.88	30.7
2021-04-03 04:21:50	2.75	30.7
2021-04-03 04:22:00	2.79	30.7
2021-04-03 04:22:10	2.77	30.8
2021-04-03 04:22:20	2.67	30.7
2021-04-03 04:22:30	2.42	30.7
2021-04-03 04:22:40	2.53	30.6
2021-04-03 04:22:50	2.58	30.7
2021-04-03 04:23:00	2.37	30.6
2021-04-03 04:23:10	2.22	30.7
2021-04-03 04:23:20	2.26	30.7
2021-04-03 04:23:30	2.10	30.9
2021-04-03 04:23:40	1.85	30.6
2021-04-03 04:23:50	1.76	30.7
2021-04-03 04:24:00	2.29	30.6
2021-04-03 04:24:10	2.24	30.7
2021-04-03 04:24:20	2.47	30.7
2021-04-03 04:24:30	2.22	30.8
2021-04-03 04:24:40	2.33	30.8
2021-04-03 04:24:50	2.41	30.9
2021-04-03 04:25:00	2.27	30.6
2021-04-03 04:25:10	2.08	30.6
2021-04-03 04:25:20	1.54	30.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-03 04:25:30	2.18	30.9
2021-04-03 04:25:40	2.56	30.9
2021-04-03 04:25:50	2.35	31.1
2021-04-03 04:26:00	1.62	31.0
2021-04-03 04:26:10	1.62	31.4
2021-04-03 04:26:20	2.17	30.9
2021-04-03 04:26:30	2.12	31.0
2021-04-03 04:26:40	2.10	31.0
2021-04-03 04:26:50	2.85	30.9
2021-04-03 04:27:00	2.32	30.9
2021-04-03 04:27:10	2.52	31.0
2021-04-03 04:27:20	2.30	31.1
2021-04-03 04:27:30	2.10	31.2
2021-04-03 04:27:40	2.45	31.0
2021-04-03 04:27:50	2.67	31.2
2021-04-03 04:28:00	2.53	31.3
2021-04-03 04:28:10	2.72	30.9
2021-04-03 04:28:20	2.46	31.1
2021-04-03 04:28:30	2.15	31.2
2021-04-03 04:28:40	2.13	31.0
2021-04-03 04:28:50	1.99	31.1
2021-04-03 04:29:00	2.18	31.3
2021-04-03 04:29:10	2.06	30.9
2021-04-03 04:29:20	2.26	30.8
2021-04-03 04:29:30	1.57	30.8
2021-04-03 04:29:40	1.51	31.1
2021-04-03 04:29:50	1.43	31.0
2021-04-03 04:30:00	1.25	31.1
2021-04-03 04:30:10	2.07	31.1
2021-04-03 04:30:20	2.21	31.1
2021-04-03 23:02:30	1.43	34.0
2021-04-03 23:03:00	0.95	35.1
2021-04-03 23:07:20	1.04	33.6
2021-04-03 23:07:30	1.04	33.9
2021-04-03 23:12:20	1.09	35.8
2021-04-03 23:15:20	0.81	34.0
2021-04-03 23:15:30	1.18	33.4
2021-04-03 23:15:40	1.16	34.1
2021-04-03 23:15:50	1.15	34.6
2021-04-03 23:16:20	1.08	34.9
2021-04-03 23:16:30	0.70	35.6
2021-04-03 23:21:50	0.91	33.5
2021-04-03 23:22:20	0.85	34.2
2021-04-03 23:22:40	0.61	34.0
2021-04-03 23:22:50	0.56	34.0
2021-04-03 23:23:10	0.60	36.2
2021-04-03 23:23:30	0.57	35.5
2021-04-03 23:23:40	0.52	35.3
2021-04-03 23:25:10	0.63	34.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-03 23:26:40	0.90	33.9
2021-04-03 23:26:50	0.98	33.6
2021-04-03 23:27:20	0.91	35.4
2021-04-04 00:26:00	0.81	34.3
2021-04-04 00:26:10	0.77	33.1
2021-04-04 00:26:20	0.70	32.5
2021-04-04 00:28:00	1.31	31.4
2021-04-04 00:28:10	0.90	31.0
2021-04-04 00:28:20	1.10	31.0
2021-04-04 01:02:40	1.66	30.8
2021-04-04 01:02:50	1.24	31.2
2021-04-04 01:03:00	1.00	33.1
2021-04-04 01:03:10	1.28	33.0
2021-04-04 01:03:40	1.15	34.9
2021-04-04 01:03:50	1.52	37.2
2021-04-04 01:04:20	0.91	32.7
2021-04-04 01:04:40	1.21	33.1
2021-04-04 01:04:50	0.77	31.2
2021-04-04 01:05:10	1.39	33.1
2021-04-04 01:05:20	1.57	31.5
2021-04-04 01:05:30	1.46	30.8
2021-04-04 01:05:40	1.42	30.8
2021-04-04 01:07:20	1.14	30.7
2021-04-04 01:09:50	1.56	30.8
2021-04-04 01:10:00	1.24	30.8
2021-04-04 01:10:10	1.16	31.1
2021-04-04 01:11:30	1.14	31.2
2021-04-04 01:11:40	0.89	32.4
2021-04-04 01:13:20	1.09	32.5
2021-04-04 01:13:30	1.28	31.4
2021-04-04 01:13:40	1.04	31.2
2021-04-04 01:13:50	1.17	30.9
2021-04-04 01:14:00	0.88	30.8
2021-04-04 01:14:10	1.04	30.9
2021-04-04 01:14:30	1.03	30.8
2021-04-04 01:14:40	1.13	30.8
2021-04-04 01:14:50	0.71	30.8
2021-04-04 01:15:00	0.75	30.8
2021-04-04 01:15:10	0.69	30.9
2021-04-04 01:15:20	1.23	30.7
2021-04-04 01:15:30	1.27	30.7
2021-04-04 01:15:40	0.67	30.8
2021-04-04 01:16:00	1.18	30.9
2021-04-04 01:16:10	0.92	30.9
2021-04-04 01:16:20	0.75	30.9
2021-04-04 01:16:30	0.96	31.0
2021-04-04 01:16:40	0.56	31.0
2021-04-04 01:16:50	1.13	31.0
2021-04-04 01:17:00	1.27	30.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-04 01:17:10	0.90	31.0
2021-04-04 01:17:20	1.18	30.8
2021-04-04 01:17:30	1.29	31.9
2021-04-04 01:18:10	1.06	30.9
2021-04-04 01:18:20	0.88	31.0
2021-04-04 01:18:30	1.32	31.1
2021-04-04 01:18:40	0.98	30.9
2021-04-04 01:18:50	1.15	31.7
2021-04-04 01:19:00	1.48	31.1
2021-04-04 01:19:10	0.98	31.1
2021-04-04 01:19:20	1.09	31.1
2021-04-04 01:19:40	0.98	31.1
2021-04-04 01:19:50	1.27	30.8
2021-04-04 01:20:00	1.30	30.9
2021-04-04 01:20:10	1.50	31.1
2021-04-04 01:20:20	0.98	31.0
2021-04-04 01:20:30	1.15	31.2
2021-04-04 01:20:40	1.19	31.1
2021-04-04 01:20:50	1.21	31.0
2021-04-04 01:21:00	0.68	30.8
2021-04-04 01:21:50	1.00	30.9
2021-04-04 01:22:00	0.99	31.1
2021-04-04 01:22:10	1.15	31.0
2021-04-04 01:22:20	1.01	31.0
2021-04-04 01:22:30	0.95	31.1
2021-04-04 01:22:40	0.89	30.8
2021-04-04 01:23:00	0.67	31.0
2021-04-04 01:23:10	1.06	31.0
2021-04-04 01:23:20	1.10	30.9
2021-04-04 01:23:30	0.93	31.1
2021-04-04 01:23:40	1.04	31.0
2021-04-04 01:24:00	1.28	31.1
2021-04-04 01:24:10	0.93	31.0
2021-04-04 01:24:20	1.08	31.1
2021-04-04 01:24:30	1.12	31.4
2021-04-04 01:24:40	1.25	31.4
2021-04-04 01:24:50	0.93	31.1
2021-04-04 01:25:10	0.93	31.3
2021-04-04 01:25:20	1.16	31.1
2021-04-04 01:25:30	0.87	31.0
2021-04-04 01:25:40	0.89	31.0
2021-04-04 01:25:50	1.21	31.1
2021-04-04 01:26:00	1.29	31.1
2021-04-04 01:26:10	0.94	31.2
2021-04-04 01:26:20	1.08	31.0
2021-04-04 01:26:30	1.14	30.7
2021-04-04 01:26:40	0.91	30.8
2021-04-04 01:26:50	0.90	30.9
2021-04-04 01:27:00	0.58	30.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-04 01:27:10	1.02	31.0
2021-04-04 01:27:20	0.78	30.9
2021-04-04 01:27:30	0.70	30.9
2021-04-04 01:27:40	0.53	31.0
2021-04-04 01:28:00	0.56	30.8
2021-04-04 01:28:10	0.68	31.0
2021-04-04 01:28:20	0.90	31.0
2021-04-04 01:29:00	0.79	30.9
2021-04-04 01:29:10	0.64	31.1
2021-04-04 01:29:20	0.76	31.0
2021-04-04 01:29:40	0.67	31.2
2021-04-04 01:29:50	0.79	31.2
2021-04-04 01:30:00	0.56	31.3
2021-04-04 02:02:00	1.12	31.7
2021-04-04 02:02:10	1.07	31.1
2021-04-04 02:02:20	0.99	30.8
2021-04-04 02:02:30	0.95	31.0
2021-04-04 02:02:40	0.98	30.9
2021-04-04 02:02:50	1.15	30.9
2021-04-04 02:03:00	1.17	30.9
2021-04-04 02:03:10	1.12	30.8
2021-04-04 02:03:20	0.88	30.7
2021-04-04 02:03:30	0.97	30.8
2021-04-04 02:03:40	1.15	30.8
2021-04-04 02:03:50	0.79	30.8
2021-04-04 02:04:10	1.02	30.9
2021-04-04 02:04:20	0.91	30.9
2021-04-04 02:04:30	0.86	30.8
2021-04-04 02:04:40	0.78	30.8
2021-04-04 02:04:50	0.71	30.8
2021-04-04 02:05:00	0.67	30.9
2021-04-04 02:05:10	0.75	31.0
2021-04-04 02:05:20	0.97	31.0
2021-04-04 02:05:30	0.68	31.1
2021-04-04 02:05:40	0.90	31.1
2021-04-04 02:05:50	0.86	31.1
2021-04-04 02:06:00	0.99	31.0
2021-04-04 02:06:10	0.71	31.0
2021-04-04 02:06:20	0.80	30.9
2021-04-04 02:06:30	0.96	30.9
2021-04-04 02:06:40	0.84	31.0
2021-04-04 02:06:50	0.88	30.8
2021-04-04 02:07:00	0.71	30.8
2021-04-04 02:07:10	0.78	30.8
2021-04-04 02:07:20	0.78	31.0
2021-04-04 02:07:30	0.86	30.9
2021-04-04 02:07:40	0.91	30.9
2021-04-04 02:07:50	0.71	31.1
2021-04-04 02:08:00	0.80	31.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-04 02:08:10	0.79	31.4
2021-04-04 02:08:20	0.84	31.0
2021-04-04 02:08:30	0.78	31.1
2021-04-04 02:08:40	0.81	31.0
2021-04-04 02:08:50	0.79	31.1
2021-04-04 02:09:00	0.73	31.1
2021-04-04 02:09:10	0.84	31.3
2021-04-04 02:09:20	0.88	31.4
2021-04-04 02:09:30	0.81	31.3
2021-04-04 02:09:40	0.75	31.4
2021-04-04 02:09:50	0.65	31.3
2021-04-04 02:10:00	0.76	31.3
2021-04-04 02:10:10	0.91	31.3
2021-04-04 02:10:20	0.70	31.1
2021-04-04 02:10:30	0.67	31.4
2021-04-04 02:10:40	0.91	31.3
2021-04-04 02:10:50	0.82	31.3
2021-04-04 02:11:00	0.59	31.2
2021-04-04 02:11:10	0.86	31.1
2021-04-04 02:11:20	0.83	31.1
2021-04-04 02:11:30	0.71	31.2
2021-04-04 02:11:40	0.76	31.1
2021-04-04 02:11:50	0.60	31.2
2021-04-04 02:12:20	0.71	31.2
2021-04-04 02:12:30	0.58	31.4
2021-04-04 02:12:50	0.67	31.2
2021-04-04 02:13:00	0.88	31.0
2021-04-04 02:13:10	0.74	30.9
2021-04-04 02:13:20	0.77	30.9
2021-04-04 02:13:40	0.84	31.1
2021-04-04 02:13:50	0.64	31.1
2021-04-04 02:14:00	0.55	31.0
2021-04-04 02:14:10	0.61	31.0
2021-04-04 02:14:20	0.62	30.9
2021-04-04 02:14:30	0.61	31.0
2021-04-04 02:14:40	0.59	31.1
2021-04-04 02:14:50	0.60	31.0
2021-04-04 02:15:00	0.81	31.1
2021-04-04 02:15:10	0.89	31.1
2021-04-04 02:15:20	0.71	31.1
2021-04-04 02:15:30	0.89	31.2
2021-04-04 02:15:40	0.87	31.2
2021-04-04 02:15:50	0.75	31.1
2021-04-04 02:16:00	0.70	31.4
2021-04-04 02:16:10	0.73	31.6
2021-04-04 02:16:20	0.85	31.6
2021-04-04 02:16:30	0.75	31.4
2021-04-04 02:16:40	0.71	31.3
2021-04-04 02:16:50	0.79	31.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-04 02:17:00	0.87	31.4
2021-04-04 02:17:10	0.85	31.6
2021-04-04 02:17:20	0.93	31.4
2021-04-04 02:17:30	1.06	31.1
2021-04-04 02:17:40	1.03	31.3
2021-04-04 02:17:50	0.80	31.3
2021-04-04 02:18:00	0.90	31.1
2021-04-04 02:18:10	1.01	31.3
2021-04-04 02:18:20	0.86	31.1
2021-04-04 02:18:30	0.64	31.2
2021-04-04 02:18:40	1.05	30.9
2021-04-04 02:18:50	0.73	31.0
2021-04-04 02:19:00	0.62	31.0
2021-04-04 02:19:10	0.88	31.1
2021-04-04 02:19:20	0.65	31.0
2021-04-04 02:19:30	0.53	31.2
2021-04-04 02:19:40	0.65	30.9
2021-04-04 02:20:00	0.74	31.3
2021-04-04 02:20:10	0.61	31.0
2021-04-04 02:20:20	0.50	30.9
2021-04-04 02:20:30	0.75	31.0
2021-04-04 02:20:40	0.67	30.8
2021-04-04 02:20:50	0.80	30.9
2021-04-04 02:21:10	0.70	30.9
2021-04-04 02:21:20	0.89	31.0
2021-04-04 02:21:30	0.71	31.0
2021-04-04 02:21:50	0.76	30.9
2021-04-04 02:22:30	0.57	30.8
2021-04-04 02:25:30	0.71	31.0
2021-04-04 02:25:40	0.61	32.3
2021-04-04 02:27:10	1.03	33.2
2021-04-04 02:27:20	1.22	32.1
2021-04-04 02:27:30	1.11	31.7
2021-04-04 02:27:40	1.11	31.0
2021-04-04 02:27:50	0.75	31.2
2021-04-04 02:28:00	1.03	31.1
2021-04-04 02:28:10	1.02	31.0
2021-04-04 02:28:20	0.93	31.0
2021-04-04 02:28:30	1.01	31.2
2021-04-04 02:28:40	0.76	31.0
2021-04-04 02:28:50	0.61	31.0
2021-04-04 02:29:00	0.94	31.0
2021-04-04 02:29:10	0.75	30.8
2021-04-04 02:29:20	0.73	30.7
2021-04-04 02:29:30	0.89	30.7
2021-04-04 02:29:40	0.71	30.7
2021-04-04 02:29:50	0.60	30.7
2021-04-04 02:30:00	0.84	30.7
2021-04-04 02:30:10	0.67	30.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-04 03:04:20	0.58	31.8
2021-04-04 03:04:30	0.74	31.3
2021-04-04 03:04:40	0.75	31.2
2021-04-04 03:05:10	0.69	31.2
2021-04-04 03:05:20	0.69	31.2
2021-04-04 03:05:30	0.71	31.7
2021-04-04 03:05:50	0.51	31.9
2021-04-04 03:07:40	0.83	32.2
2021-04-04 03:07:50	1.84	34.3
2021-04-04 03:09:20	0.84	33.2
2021-04-04 03:09:30	0.54	32.0
2021-04-04 03:09:50	0.84	31.6
2021-04-04 03:10:00	0.79	32.0
2021-04-04 03:10:10	0.71	31.4
2021-04-04 03:10:20	0.93	31.4
2021-04-04 03:10:40	0.93	32.0
2021-04-04 03:10:50	0.79	31.6
2021-04-04 03:11:00	0.53	31.2
2021-04-04 03:11:10	0.92	31.4
2021-04-04 03:11:20	0.97	31.8
2021-04-04 03:11:30	0.88	33.5
2021-04-04 03:12:50	1.67	36.2
2021-04-04 03:13:00	1.51	34.0
2021-04-04 03:13:10	1.18	33.2
2021-04-04 03:13:20	1.24	32.1
2021-04-04 03:13:30	1.37	31.6
2021-04-04 03:13:40	1.24	31.5
2021-04-04 03:13:50	1.67	31.2
2021-04-04 03:14:00	1.42	31.3
2021-04-04 03:14:10	1.39	31.7
2021-04-04 03:14:20	1.56	31.3
2021-04-04 03:14:30	1.43	31.2
2021-04-04 03:14:40	1.19	31.3
2021-04-04 03:14:50	0.95	31.2
2021-04-04 03:15:00	0.78	31.2
2021-04-04 03:15:10	0.75	31.1
2021-04-04 03:15:20	0.65	31.4
2021-04-04 03:15:30	0.75	31.2
2021-04-04 03:15:40	0.94	31.3
2021-04-04 03:15:50	1.08	31.5
2021-04-04 03:16:00	1.05	31.8
2021-04-04 03:16:10	0.95	31.5
2021-04-04 03:16:20	1.10	31.3
2021-04-04 03:16:30	0.66	31.3
2021-04-04 03:16:40	1.20	31.4
2021-04-04 03:16:50	1.08	31.4
2021-04-04 03:17:00	1.04	31.3
2021-04-04 03:17:10	0.99	31.4
2021-04-04 03:17:20	1.25	31.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-04 03:17:30	1.13	31.3
2021-04-04 03:17:40	1.14	31.3
2021-04-04 03:17:50	1.12	31.2
2021-04-04 03:18:00	1.02	31.3
2021-04-04 03:18:10	1.09	31.4
2021-04-04 03:18:20	1.22	31.4
2021-04-04 03:18:30	1.21	31.6
2021-04-04 03:18:40	1.12	31.5
2021-04-04 03:18:50	1.15	31.4
2021-04-04 03:19:00	0.99	31.4
2021-04-04 03:19:10	0.96	31.5
2021-04-04 03:19:20	0.80	31.5
2021-04-04 03:19:30	0.61	31.3
2021-04-04 03:19:40	0.55	31.4
2021-04-04 03:19:50	0.65	31.5
2021-04-04 03:20:00	0.55	31.4
2021-04-04 03:20:20	0.62	31.4
2021-04-04 03:20:30	0.81	31.3
2021-04-04 03:20:40	0.76	31.4
2021-04-04 03:23:20	0.59	31.3
2021-04-04 03:23:40	0.54	31.3
2021-04-04 03:23:50	0.60	31.2
2021-04-04 03:24:00	0.51	31.3
2021-04-04 03:24:30	0.68	31.4
2021-04-04 03:24:40	0.52	31.4
2021-04-04 03:25:00	0.53	31.3
2021-04-04 03:25:10	0.94	31.4
2021-04-04 03:25:20	0.52	31.3
2021-04-04 03:25:30	0.70	31.5
2021-04-04 03:25:40	0.53	31.3
2021-04-04 03:25:50	0.57	31.4
2021-04-04 03:26:00	0.69	31.4
2021-04-04 03:26:10	0.94	31.4
2021-04-04 03:26:20	0.69	31.2
2021-04-04 03:26:30	0.77	31.1
2021-04-04 03:26:40	0.88	31.1
2021-04-04 03:26:50	0.67	31.1
2021-04-04 03:27:10	0.55	31.2
2021-04-04 03:27:30	0.59	31.0
2021-04-04 03:27:40	0.59	31.1
2021-04-04 03:28:00	0.71	31.2
2021-04-04 03:28:10	0.51	31.3
2021-04-04 03:28:20	0.54	31.3
2021-04-04 03:28:30	0.61	31.4
2021-04-04 03:28:40	0.50	31.5
2021-04-04 03:29:00	0.53	31.5
2021-04-04 03:29:10	0.55	31.4
2021-04-04 03:29:20	0.55	31.4
2021-04-04 03:29:30	0.55	31.4

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-04 03:30:10	0.53	31.3
2021-04-04 03:30:20	0.54	31.4
2021-04-04 04:02:00	1.57	31.2
2021-04-04 04:02:10	1.28	31.3
2021-04-04 04:02:20	1.31	31.4
2021-04-04 04:02:30	1.40	31.6
2021-04-04 04:02:40	1.48	31.6
2021-04-04 04:02:50	1.14	32.0
2021-04-04 04:03:00	1.10	32.3
2021-04-04 04:03:10	1.65	33.2
2021-04-04 04:03:20	1.69	34.5
2021-04-04 04:03:30	1.94	36.5
2021-04-04 04:04:30	1.52	33.1
2021-04-04 04:04:40	1.15	31.5
2021-04-04 04:04:50	1.26	31.3
2021-04-04 04:05:00	1.43	31.3
2021-04-04 04:05:10	1.45	31.4
2021-04-04 04:05:20	0.94	31.4
2021-04-04 04:05:30	1.23	31.5
2021-04-04 04:05:40	1.23	31.4
2021-04-04 04:05:50	1.14	31.8
2021-04-04 04:06:00	1.43	31.8
2021-04-04 04:06:10	1.41	32.0
2021-04-04 04:06:20	1.13	33.2
2021-04-04 04:06:30	1.21	34.7
2021-04-04 04:06:40	1.42	36.7
2021-04-04 04:07:40	1.06	32.3
2021-04-04 04:07:50	1.19	31.5
2021-04-04 04:08:00	1.29	31.3
2021-04-04 04:08:10	1.23	31.2
2021-04-04 04:08:20	1.23	31.1
2021-04-04 04:08:30	1.32	31.2
2021-04-04 04:08:40	1.20	31.2
2021-04-04 04:08:50	0.91	31.5
2021-04-04 04:09:00	0.93	31.2
2021-04-04 04:09:10	1.34	31.3
2021-04-04 04:09:20	1.37	31.2
2021-04-04 04:09:30	1.35	31.3
2021-04-04 04:09:40	1.08	31.2
2021-04-04 04:09:50	1.16	31.3
2021-04-04 04:10:00	1.32	31.3
2021-04-04 04:10:10	1.49	31.2
2021-04-04 04:10:20	1.17	31.1
2021-04-04 04:10:50	1.38	31.4
2021-04-04 04:11:00	1.09	31.3
2021-04-04 04:11:40	1.51	31.3
2021-04-04 04:11:50	1.43	31.2
2021-04-04 04:12:00	1.06	31.4
2021-04-04 04:12:10	1.01	31.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-04 04:12:20	1.19	31.2
2021-04-04 04:12:30	1.10	31.3
2021-04-04 04:12:40	1.05	31.4
2021-04-04 04:12:50	0.94	31.0
2021-04-04 04:13:00	1.09	31.2
2021-04-04 04:13:10	0.80	31.6
2021-04-04 04:13:20	0.78	31.3
2021-04-04 04:13:30	0.97	31.3
2021-04-04 04:13:40	1.14	31.3
2021-04-04 04:13:50	1.33	31.2
2021-04-04 04:14:20	1.20	31.4
2021-04-04 04:14:30	1.18	31.3
2021-04-04 04:14:40	1.51	31.3
2021-04-04 04:14:50	1.33	31.2
2021-04-04 04:15:00	1.36	31.5
2021-04-04 04:15:10	1.28	31.5
2021-04-04 04:15:20	1.31	31.5
2021-04-04 04:15:30	1.40	31.6
2021-04-04 04:15:40	1.56	31.3
2021-04-04 04:15:50	1.27	31.4
2021-04-04 04:16:00	1.19	31.7
2021-04-04 04:16:10	1.29	31.6
2021-04-04 04:16:20	1.34	32.5
2021-04-04 04:16:30	1.35	32.4
2021-04-04 04:16:40	1.27	34.2
2021-04-04 04:17:40	0.75	34.9
2021-04-04 04:17:50	1.10	32.0
2021-04-04 04:18:00	0.99	32.6
2021-04-04 04:18:10	0.77	33.6
2021-04-04 04:18:20	0.93	34.7
2021-04-04 04:18:30	1.04	34.6
2021-04-04 04:19:30	1.10	32.0
2021-04-04 04:19:40	1.11	31.4
2021-04-04 04:19:50	0.98	31.4
2021-04-04 04:20:00	1.09	31.5
2021-04-04 04:20:20	1.09	31.5
2021-04-04 04:20:30	1.13	31.6
2021-04-04 04:20:40	1.13	31.4
2021-04-04 04:20:50	1.48	31.5
2021-04-04 04:21:00	0.95	31.3
2021-04-04 04:21:10	0.88	31.5
2021-04-04 04:21:30	1.20	31.3
2021-04-04 04:22:10	1.30	31.6
2021-04-04 04:22:20	1.19	31.5
2021-04-04 04:22:30	1.25	31.7
2021-04-04 04:22:40	1.06	31.5
2021-04-04 04:22:50	0.90	31.6
2021-04-04 04:23:00	1.45	31.5
2021-04-04 04:23:10	1.33	31.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-04 04:23:20	1.65	31.9
2021-04-04 04:23:30	2.18	31.3
2021-04-04 04:23:40	1.69	31.6
2021-04-04 04:23:50	1.25	31.8
2021-04-04 04:24:00	1.32	31.6
2021-04-04 04:24:10	1.19	31.6
2021-04-04 04:24:20	1.07	31.5
2021-04-04 04:24:30	1.21	31.3
2021-04-04 04:24:40	1.69	31.6
2021-04-04 04:24:50	2.18	31.8
2021-04-04 04:25:00	1.75	31.8
2021-04-04 04:25:10	1.67	31.6
2021-04-04 04:25:20	1.29	31.8
2021-04-04 04:25:40	0.97	31.6
2021-04-04 04:26:10	1.10	31.6
2021-04-04 04:26:20	1.24	31.6
2021-04-04 04:26:30	0.88	31.8
2021-04-04 04:26:40	0.84	31.6
2021-04-04 04:26:50	1.08	31.8
2021-04-04 04:27:00	1.16	31.4
2021-04-04 04:27:10	1.13	31.5
2021-04-04 04:27:20	1.11	31.4
2021-04-04 04:27:30	1.22	31.6
2021-04-04 04:27:40	1.35	31.4
2021-04-04 04:28:00	1.11	31.8
2021-04-04 04:28:10	1.01	32.1
2021-04-04 04:28:20	0.93	32.1
2021-04-04 04:28:30	1.08	35.0
2021-04-04 04:29:30	1.09	34.8
2021-04-04 04:29:40	1.15	33.4
2021-04-04 04:29:50	1.02	34.3
2021-04-04 04:30:00	1.33	34.6
2021-04-04 22:01:50	1.30	31.9
2021-04-04 22:02:00	1.53	31.5
2021-04-04 22:02:10	1.44	31.9
2021-04-04 22:02:20	1.42	31.9
2021-04-04 22:02:30	1.48	31.9
2021-04-04 22:02:40	1.29	31.8
2021-04-04 22:02:50	1.37	31.8
2021-04-04 22:03:00	1.41	32.1
2021-04-04 22:03:10	1.33	32.2
2021-04-04 22:03:20	1.45	32.6
2021-04-04 22:03:30	1.55	37.5
2021-04-04 22:06:30	1.55	34.9
2021-04-04 22:06:40	1.64	33.3
2021-04-04 22:06:50	1.74	32.8
2021-04-04 22:07:00	1.70	31.8
2021-04-04 22:07:10	1.66	31.5
2021-04-04 22:07:20	1.62	31.4

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-04 22:07:30	1.59	31.5
2021-04-04 22:07:40	1.67	31.6
2021-04-04 22:07:50	1.61	31.4
2021-04-04 22:08:00	1.42	31.5
2021-04-04 22:08:10	1.46	31.5
2021-04-04 22:08:20	1.50	31.7
2021-04-04 22:08:30	1.47	32.5
2021-04-04 22:08:40	1.46	33.2
2021-04-04 22:08:50	1.49	33.5
2021-04-04 22:09:00	1.57	34.9
2021-04-04 22:09:10	1.53	36.6
2021-04-04 22:10:40	1.49	33.0
2021-04-04 22:10:50	1.40	32.9
2021-04-04 22:11:00	1.42	32.7
2021-04-04 22:11:10	1.44	32.2
2021-04-04 22:11:20	1.01	32.3
2021-04-04 22:11:30	1.36	32.3
2021-04-04 22:11:40	1.35	33.2
2021-04-04 22:11:50	1.30	33.7
2021-04-04 22:12:00	1.31	33.9
2021-04-04 22:12:10	1.36	33.5
2021-04-04 22:16:00	1.53	34.6
2021-04-04 22:16:10	1.43	33.1
2021-04-04 22:16:20	1.78	33.9
2021-04-04 22:16:30	1.49	34.1
2021-04-04 22:16:40	1.72	36.5
2021-04-04 22:17:30	1.72	37.6
2021-04-04 22:17:40	1.85	34.1
2021-04-04 22:17:50	1.67	32.9
2021-04-04 22:18:00	1.71	32.8
2021-04-04 22:18:10	1.93	32.0
2021-04-04 22:18:20	1.81	31.9
2021-04-04 22:18:30	1.52	32.7
2021-04-04 22:18:40	2.03	33.7
2021-04-04 22:18:50	1.65	32.6
2021-04-04 22:19:00	2.48	32.8
2021-04-04 22:19:10	2.74	31.8
2021-04-04 22:19:20	2.33	31.4
2021-04-04 22:19:30	2.36	31.6
2021-04-04 22:19:40	2.21	35.1
2021-04-04 22:19:50	2.06	35.9
2021-04-04 22:20:00	1.89	32.5
2021-04-04 22:20:10	1.92	32.1
2021-04-04 22:20:20	2.02	35.3
2021-04-04 22:20:30	1.96	35.3
2021-04-04 22:20:40	1.77	35.0
2021-04-04 22:20:50	1.79	35.4
2021-04-04 22:21:00	1.72	32.0
2021-04-04 22:21:10	1.94	32.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-04 22:21:20	2.01	32.3
2021-04-04 22:21:30	2.02	31.9
2021-04-04 22:21:40	1.92	31.5
2021-04-04 22:21:50	2.07	31.4
2021-04-04 22:22:00	2.23	31.4
2021-04-04 22:22:10	1.84	31.4
2021-04-04 22:22:20	1.88	34.9
2021-04-04 22:22:30	2.00	31.3
2021-04-04 22:22:40	2.20	31.3
2021-04-04 22:22:50	2.03	31.3
2021-04-04 22:23:00	1.98	35.0
2021-04-04 22:23:10	1.78	35.2
2021-04-04 22:23:20	1.96	35.1
2021-04-04 22:23:30	1.82	35.0
2021-04-04 22:23:40	1.67	31.4
2021-04-04 22:23:50	1.91	31.5
2021-04-04 22:24:00	1.86	31.5
2021-04-04 22:24:10	1.81	31.8
2021-04-04 22:24:20	1.89	32.5
2021-04-04 22:24:30	1.83	32.7
2021-04-04 22:24:40	1.63	32.5
2021-04-04 22:24:50	1.70	32.4
2021-04-04 22:25:00	1.64	33.3
2021-04-04 22:25:10	1.78	32.5
2021-04-04 22:25:20	1.76	33.1
2021-04-04 22:25:30	1.99	31.8
2021-04-04 22:25:40	1.74	35.3
2021-04-04 22:25:50	1.98	31.4
2021-04-04 22:26:00	1.88	31.4
2021-04-04 22:26:10	1.63	31.7
2021-04-04 22:26:20	1.61	31.8
2021-04-04 22:26:30	1.74	34.9
2021-04-04 22:26:40	1.99	34.8
2021-04-04 22:26:50	1.82	35.1
2021-04-04 22:27:00	1.74	34.9
2021-04-04 22:27:10	1.65	36.2
2021-04-04 22:28:00	1.80	38.1
2021-04-04 22:28:10	1.68	36.5
2021-04-04 22:28:20	1.72	37.2
2021-04-04 22:29:10	2.06	37.3
2021-04-04 22:29:20	2.05	33.3
2021-04-04 22:29:30	1.86	35.7
2021-04-04 22:29:40	1.63	35.5
2021-04-04 22:29:50	1.69	32.8
2021-04-04 22:30:00	1.72	32.0
2021-04-04 22:30:10	1.69	32.3
2021-04-04 22:30:20	1.76	31.8
2021-04-04 23:01:50	1.51	34.8
2021-04-04 23:02:00	1.65	34.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-04 23:02:10	1.65	34.4
2021-04-04 23:02:20	1.65	34.7
2021-04-04 23:02:30	1.55	35.1
2021-04-04 23:02:40	1.33	31.7
2021-04-04 23:02:50	1.42	31.8
2021-04-04 23:03:00	1.58	34.4
2021-04-04 23:03:10	1.58	35.0
2021-04-04 23:03:20	1.72	35.1
2021-04-04 23:03:30	1.51	35.0
2021-04-04 23:03:40	1.52	31.3
2021-04-04 23:03:50	1.93	31.4
2021-04-04 23:04:00	1.67	31.3
2021-04-04 23:04:10	1.72	34.9
2021-04-04 23:04:20	1.63	35.0
2021-04-04 23:04:30	1.72	35.1
2021-04-04 23:04:40	1.61	31.6
2021-04-04 23:04:50	1.32	31.5
2021-04-04 23:05:00	1.54	31.2
2021-04-04 23:05:10	1.51	35.0
2021-04-04 23:05:20	1.44	34.5
2021-04-04 23:05:30	1.24	34.5
2021-04-04 23:05:40	1.08	34.6
2021-04-04 23:05:50	1.45	34.9
2021-04-04 23:06:00	1.32	31.5
2021-04-04 23:06:20	1.35	31.5
2021-04-04 23:06:30	1.06	31.2
2021-04-04 23:06:40	1.66	31.2
2021-04-04 23:07:20	1.62	34.6
2021-04-04 23:07:30	1.48	34.4
2021-04-04 23:07:40	1.46	34.2
2021-04-04 23:07:50	1.35	34.2
2021-04-04 23:08:00	1.77	34.8
2021-04-04 23:08:10	1.62	34.1
2021-04-04 23:08:20	1.51	34.4
2021-04-04 23:08:30	1.47	34.6
2021-04-04 23:08:40	1.52	34.1
2021-04-04 23:08:50	1.41	34.2
2021-04-04 23:09:00	1.48	34.2
2021-04-04 23:09:10	1.74	33.9
2021-04-04 23:09:20	1.77	33.8
2021-04-04 23:09:30	1.65	33.7
2021-04-04 23:09:40	1.89	34.0
2021-04-04 23:09:50	1.68	34.1
2021-04-04 23:10:00	1.64	34.0
2021-04-04 23:10:10	1.54	33.9
2021-04-04 23:10:20	1.57	33.7
2021-04-04 23:10:30	1.60	33.5
2021-04-04 23:10:40	1.47	33.9
2021-04-04 23:10:50	1.35	34.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-04 23:11:00	1.41	34.2
2021-04-04 23:11:10	1.43	33.9
2021-04-04 23:11:20	1.66	34.2
2021-04-04 23:11:40	1.88	34.8
2021-04-04 23:11:50	1.67	35.3
2021-04-04 23:12:00	1.67	34.7
2021-04-04 23:12:10	1.68	34.5
2021-04-04 23:12:20	1.55	33.9
2021-04-04 23:12:30	1.69	34.5
2021-04-04 23:12:40	1.32	34.6
2021-04-04 23:12:50	1.29	34.6
2021-04-04 23:13:00	1.40	34.7
2021-04-04 23:13:10	1.19	34.5
2021-04-04 23:13:20	1.54	33.9
2021-04-04 23:13:30	1.65	34.1
2021-04-04 23:13:40	1.58	34.1
2021-04-04 23:13:50	1.50	33.8
2021-04-04 23:14:00	1.30	33.7
2021-04-04 23:14:10	1.64	34.3
2021-04-04 23:14:20	1.67	34.4
2021-04-04 23:14:30	1.44	34.3
2021-04-04 23:14:40	1.53	34.0
2021-04-04 23:14:50	1.45	33.8
2021-04-04 23:15:00	1.76	34.5
2021-04-04 23:15:10	1.57	34.2
2021-04-04 23:15:20	1.72	34.2
2021-04-04 23:15:30	1.73	34.2
2021-04-04 23:15:40	1.76	34.7
2021-04-04 23:15:50	1.65	34.8
2021-04-04 23:16:00	1.29	34.4
2021-04-04 23:16:10	1.40	34.2
2021-04-04 23:16:20	1.61	34.4
2021-04-04 23:16:40	1.48	31.2
2021-04-04 23:16:50	1.53	31.3
2021-04-04 23:17:00	1.81	35.0
2021-04-04 23:17:10	1.41	34.3
2021-04-04 23:17:20	1.59	34.4
2021-04-04 23:17:30	1.52	34.3
2021-04-04 23:17:40	1.60	34.8
2021-04-04 23:17:50	1.61	35.2
2021-04-04 23:18:00	1.35	35.0
2021-04-04 23:18:10	1.34	34.9
2021-04-04 23:18:20	1.53	35.6
2021-04-04 23:18:30	1.75	34.8
2021-04-04 23:18:40	1.60	34.4
2021-04-04 23:18:50	1.61	34.3
2021-04-04 23:19:00	1.71	34.5
2021-04-04 23:19:10	1.30	34.7
2021-04-04 23:19:20	1.30	34.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-04 23:19:30	1.31	34.3
2021-04-04 23:19:40	1.49	34.2
2021-04-04 23:19:50	1.68	34.1
2021-04-04 23:20:00	1.75	33.9
2021-04-04 23:20:10	1.72	34.7
2021-04-04 23:20:20	1.88	34.4
2021-04-04 23:20:30	1.92	34.0
2021-04-04 23:20:40	1.80	33.8
2021-04-04 23:20:50	2.01	33.6
2021-04-04 23:21:00	1.56	33.9
2021-04-04 23:21:10	1.49	34.0
2021-04-04 23:21:20	1.22	34.1
2021-04-04 23:21:30	1.34	33.8
2021-04-04 23:21:40	1.59	33.7
2021-04-04 23:21:50	1.71	34.2
2021-04-04 23:22:00	1.56	33.8
2021-04-04 23:22:10	1.65	33.7
2021-04-04 23:22:20	1.72	33.3
2021-04-04 23:22:30	1.62	33.6
2021-04-04 23:22:40	1.91	33.9
2021-04-04 23:22:50	1.88	33.9
2021-04-04 23:23:00	1.83	33.3
2021-04-04 23:23:10	1.80	33.5
2021-04-04 23:23:20	1.74	33.5
2021-04-04 23:23:30	1.54	33.2
2021-04-04 23:23:40	1.39	33.5
2021-04-04 23:23:50	1.82	33.9
2021-04-04 23:24:00	1.86	34.5
2021-04-04 23:24:10	1.64	33.7
2021-04-04 23:24:20	1.35	33.6
2021-04-04 23:24:30	1.68	33.5
2021-04-04 23:24:40	1.93	33.8
2021-04-04 23:24:50	1.87	33.5
2021-04-04 23:25:00	1.91	33.3
2021-04-04 23:25:10	1.96	33.3
2021-04-04 23:25:20	1.66	33.5
2021-04-04 23:25:30	1.84	33.4
2021-04-04 23:25:40	1.96	33.8
2021-04-04 23:25:50	1.93	34.1
2021-04-04 23:26:00	1.90	35.3
2021-04-04 23:26:10	2.22	36.3
2021-04-04 23:26:20	2.36	35.4
2021-04-04 23:26:30	1.89	33.8
2021-04-04 23:26:40	1.63	33.8
2021-04-04 23:26:50	1.36	33.8
2021-04-04 23:27:00	1.88	33.9
2021-04-04 23:27:10	1.68	33.9
2021-04-04 23:27:20	1.89	33.7
2021-04-04 23:27:30	2.08	33.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-04 23:27:40	2.11	33.9
2021-04-04 23:27:50	1.92	34.2
2021-04-04 23:28:00	1.85	34.8
2021-04-04 23:28:10	1.97	35.7
2021-04-05 00:01:50	1.26	33.7
2021-04-05 00:02:00	1.08	34.4
2021-04-05 00:03:40	1.23	34.5
2021-04-05 00:03:50	1.16	33.8
2021-04-05 00:04:00	1.19	33.2
2021-04-05 00:04:10	1.16	32.9
2021-04-05 00:04:20	1.16	33.0
2021-04-05 00:04:30	1.15	32.7
2021-04-05 00:04:40	1.15	32.5
2021-04-05 00:04:50	1.13	32.9
2021-04-05 00:05:00	1.05	33.1
2021-04-05 00:05:10	1.07	32.9
2021-04-05 00:05:20	1.19	33.2
2021-04-05 00:05:30	1.10	33.3
2021-04-05 00:05:40	1.12	33.4
2021-04-05 00:05:50	1.09	33.6
2021-04-05 00:06:00	1.17	33.8
2021-04-05 00:06:10	1.19	33.4
2021-04-05 00:06:20	1.25	33.4
2021-04-05 00:06:30	1.14	33.5
2021-04-05 00:06:40	1.31	33.5
2021-04-05 00:06:50	1.22	33.4
2021-04-05 00:07:00	1.38	33.1
2021-04-05 00:07:10	1.25	33.3
2021-04-05 00:07:20	1.32	33.2
2021-04-05 00:07:30	1.25	33.1
2021-04-05 00:07:40	1.28	33.1
2021-04-05 00:07:50	1.34	33.0
2021-04-05 00:08:00	1.32	33.0
2021-04-05 00:08:10	1.27	33.1
2021-04-05 00:08:20	1.29	33.0
2021-04-05 00:08:30	1.25	32.9
2021-04-05 00:08:40	1.33	33.1
2021-04-05 00:08:50	1.20	33.6
2021-04-05 00:09:00	1.12	34.3
2021-04-05 00:09:10	1.42	34.1
2021-04-05 00:09:20	1.52	34.1
2021-04-05 00:09:30	1.33	33.2
2021-04-05 00:09:40	1.28	32.9
2021-04-05 00:09:50	1.22	32.7
2021-04-05 00:10:00	1.27	32.6
2021-04-05 00:10:10	1.39	32.8
2021-04-05 00:10:20	1.25	33.1
2021-04-05 00:10:30	1.24	32.9
2021-04-05 00:10:40	1.20	33.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 00:10:50	1.25	32.9
2021-04-05 00:11:00	1.30	32.5
2021-04-05 00:11:10	1.26	32.6
2021-04-05 00:11:20	1.31	32.8
2021-04-05 00:11:30	1.36	32.8
2021-04-05 00:11:40	1.45	32.2
2021-04-05 00:11:50	1.34	32.0
2021-04-05 00:12:00	1.41	32.2
2021-04-05 00:12:10	1.38	32.6
2021-04-05 00:12:20	1.26	32.9
2021-04-05 00:12:30	1.12	33.8
2021-04-05 00:12:40	1.04	34.0
2021-04-05 00:12:50	1.25	34.3
2021-04-05 00:16:00	1.25	34.4
2021-04-05 00:16:40	1.57	36.0
2021-04-05 00:16:50	1.39	33.2
2021-04-05 00:17:00	1.47	33.6
2021-04-05 00:17:10	1.36	33.4
2021-04-05 00:17:20	1.36	33.6
2021-04-05 00:17:30	1.41	33.2
2021-04-05 00:17:40	1.41	33.0
2021-04-05 00:17:50	1.49	32.7
2021-04-05 00:18:00	1.46	32.9
2021-04-05 00:18:10	1.47	32.8
2021-04-05 00:18:20	1.48	32.7
2021-04-05 00:18:30	1.51	32.6
2021-04-05 00:18:40	1.55	32.6
2021-04-05 00:18:50	1.44	32.8
2021-04-05 00:19:00	1.53	32.6
2021-04-05 00:19:10	1.49	33.3
2021-04-05 00:19:20	1.48	33.4
2021-04-05 00:19:30	1.50	33.2
2021-04-05 00:19:40	1.50	34.5
2021-04-05 00:20:40	1.56	37.5
2021-04-05 00:20:50	1.62	34.5
2021-04-05 00:21:00	1.61	36.1
2021-04-05 00:21:10	1.67	38.0
2021-04-05 00:22:30	1.73	36.9
2021-04-05 00:22:40	1.80	33.8
2021-04-05 00:22:50	1.77	33.6
2021-04-05 00:23:00	1.87	32.9
2021-04-05 00:23:10	1.87	32.6
2021-04-05 00:23:20	1.90	32.7
2021-04-05 00:23:30	1.84	32.7
2021-04-05 00:23:40	1.87	32.4
2021-04-05 00:23:50	1.94	32.8
2021-04-05 00:24:00	1.71	32.9
2021-04-05 00:24:10	1.75	32.4
2021-04-05 00:24:20	1.86	32.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 00:24:30	1.73	32.0
2021-04-05 00:24:40	1.81	32.0
2021-04-05 00:24:50	1.64	31.9
2021-04-05 00:25:00	1.75	32.1
2021-04-05 00:25:10	1.78	32.3
2021-04-05 00:25:20	1.78	32.3
2021-04-05 00:25:30	1.70	32.4
2021-04-05 00:25:40	1.73	32.6
2021-04-05 00:25:50	1.61	32.8
2021-04-05 00:26:00	1.81	32.6
2021-04-05 00:26:10	1.74	32.5
2021-04-05 00:26:20	1.86	32.5
2021-04-05 00:26:30	1.82	32.5
2021-04-05 00:26:40	1.73	32.2
2021-04-05 00:26:50	1.73	32.2
2021-04-05 00:27:00	1.74	32.3
2021-04-05 00:27:10	1.58	32.5
2021-04-05 00:27:20	1.76	32.7
2021-04-05 00:27:30	1.45	32.4
2021-04-05 00:27:40	1.52	32.5
2021-04-05 00:27:50	1.65	32.6
2021-04-05 00:28:00	1.49	32.8
2021-04-05 00:28:10	1.69	33.0
2021-04-05 00:28:20	1.74	33.2
2021-04-05 00:28:30	1.53	33.1
2021-04-05 00:28:40	1.42	32.7
2021-04-05 00:28:50	1.50	32.1
2021-04-05 00:29:00	1.47	31.8
2021-04-05 00:29:10	1.46	31.7
2021-04-05 00:29:20	1.60	32.0
2021-04-05 00:29:30	1.75	32.4
2021-04-05 00:29:40	1.42	32.1
2021-04-05 00:29:50	1.50	32.3
2021-04-05 00:30:00	1.32	32.3
2021-04-05 00:30:10	1.47	32.3
2021-04-05 00:30:20	1.63	32.7
2021-04-05 01:01:50	1.27	32.4
2021-04-05 01:02:00	1.76	32.4
2021-04-05 01:02:10	1.75	32.4
2021-04-05 01:02:20	1.52	32.5
2021-04-05 01:02:30	1.61	32.5
2021-04-05 01:02:40	1.62	32.4
2021-04-05 01:02:50	1.61	32.2
2021-04-05 01:03:00	1.61	32.1
2021-04-05 01:03:10	1.60	32.3
2021-04-05 01:03:20	1.64	32.1
2021-04-05 01:03:30	1.49	32.0
2021-04-05 01:03:40	1.37	31.9
2021-04-05 01:03:50	1.68	31.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 01:04:00	1.48	31.8
2021-04-05 01:04:10	1.49	32.0
2021-04-05 01:04:20	1.60	32.1
2021-04-05 01:04:30	1.64	32.3
2021-04-05 01:04:40	1.36	32.4
2021-04-05 01:04:50	1.83	32.7
2021-04-05 01:05:00	2.00	33.1
2021-04-05 01:05:10	1.76	33.2
2021-04-05 01:05:20	1.84	33.8
2021-04-05 01:06:20	1.67	36.9
2021-04-05 01:06:30	1.44	33.6
2021-04-05 01:06:40	1.60	33.0
2021-04-05 01:06:50	1.76	32.5
2021-04-05 01:07:00	1.57	32.6
2021-04-05 01:07:10	1.63	32.5
2021-04-05 01:07:20	1.89	32.2
2021-04-05 01:07:30	1.77	32.3
2021-04-05 01:07:40	1.59	32.4
2021-04-05 01:07:50	1.94	32.4
2021-04-05 01:08:00	1.67	32.3
2021-04-05 01:08:10	1.64	32.3
2021-04-05 01:08:20	1.89	32.6
2021-04-05 01:08:30	1.83	32.3
2021-04-05 01:08:40	1.85	32.2
2021-04-05 01:08:50	1.87	32.1
2021-04-05 01:09:00	1.89	32.2
2021-04-05 01:09:10	1.94	32.0
2021-04-05 01:09:20	1.88	32.3
2021-04-05 01:09:30	1.90	32.2
2021-04-05 01:09:40	1.88	32.1
2021-04-05 01:09:50	1.80	32.2
2021-04-05 01:10:00	1.86	32.0
2021-04-05 01:10:10	1.83	32.0
2021-04-05 01:10:20	1.83	32.1
2021-04-05 01:10:30	1.71	32.3
2021-04-05 01:10:40	1.73	32.2
2021-04-05 01:10:50	1.84	32.1
2021-04-05 01:11:00	1.79	32.3
2021-04-05 01:11:10	2.02	32.7
2021-04-05 01:11:20	1.91	38.1
2021-04-05 01:13:20	1.60	36.8
2021-04-05 01:13:30	1.62	34.1
2021-04-05 01:13:40	1.93	32.8
2021-04-05 01:13:50	1.59	32.8
2021-04-05 01:14:00	1.53	32.7
2021-04-05 01:14:10	1.41	32.4
2021-04-05 01:14:20	1.72	32.6
2021-04-05 01:14:30	1.57	32.6
2021-04-05 01:14:40	1.39	32.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 01:14:50	1.54	32.9
2021-04-05 01:15:00	1.53	32.6
2021-04-05 01:15:10	1.52	32.4
2021-04-05 01:15:20	1.72	32.3
2021-04-05 01:15:30	1.58	32.2
2021-04-05 01:15:40	1.24	32.0
2021-04-05 01:15:50	1.87	32.1
2021-04-05 01:16:00	1.47	32.5
2021-04-05 01:16:10	1.38	32.5
2021-04-05 01:16:20	1.65	32.5
2021-04-05 01:16:30	1.73	32.7
2021-04-05 01:16:40	1.47	32.9
2021-04-05 01:16:50	1.63	32.7
2021-04-05 01:17:00	2.03	32.8
2021-04-05 01:17:10	1.85	33.0
2021-04-05 01:17:20	1.63	33.1
2021-04-05 01:17:30	1.68	33.8
2021-04-05 01:17:40	1.52	35.6
2021-04-05 01:17:50	1.57	34.4
2021-04-05 01:18:00	1.54	32.9
2021-04-05 01:18:10	1.87	33.3
2021-04-05 01:18:20	1.86	35.3
2021-04-05 01:18:30	1.81	33.2
2021-04-05 01:18:40	1.86	32.6
2021-04-05 01:18:50	1.77	32.5
2021-04-05 01:19:00	1.83	32.7
2021-04-05 01:19:10	1.86	32.6
2021-04-05 01:19:20	1.79	32.7
2021-04-05 01:19:30	1.85	32.6
2021-04-05 01:19:40	1.83	32.7
2021-04-05 01:19:50	1.97	32.6
2021-04-05 01:20:00	1.94	32.6
2021-04-05 01:20:10	1.80	32.5
2021-04-05 01:20:20	2.02	32.3
2021-04-05 01:20:30	2.02	32.4
2021-04-05 01:20:40	1.91	32.4
2021-04-05 01:20:50	2.01	32.5
2021-04-05 01:21:00	1.90	32.7
2021-04-05 01:21:10	1.92	32.7
2021-04-05 01:21:20	2.10	32.7
2021-04-05 01:21:30	2.09	33.0
2021-04-05 01:21:40	1.98	33.0
2021-04-05 01:21:50	2.10	33.1
2021-04-05 01:22:00	2.16	33.5
2021-04-05 01:22:10	2.12	33.6
2021-04-05 01:22:20	2.19	34.0
2021-04-05 01:22:30	2.06	33.4
2021-04-05 01:22:40	2.10	32.9
2021-04-05 01:22:50	1.94	32.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 01:23:00	1.97	33.0
2021-04-05 01:23:10	1.95	33.2
2021-04-05 01:23:20	2.16	33.3
2021-04-05 01:23:30	2.02	32.9
2021-04-05 01:23:40	2.01	32.6
2021-04-05 01:23:50	2.02	32.4
2021-04-05 01:24:00	1.94	32.2
2021-04-05 01:24:10	2.06	32.2
2021-04-05 01:24:20	2.05	32.2
2021-04-05 01:24:30	2.11	32.2
2021-04-05 01:24:40	1.87	32.5
2021-04-05 01:24:50	1.97	32.5
2021-04-05 01:25:00	1.96	32.5
2021-04-05 01:25:10	1.73	32.5
2021-04-05 01:25:20	2.02	32.5
2021-04-05 01:25:30	1.89	32.6
2021-04-05 01:25:40	1.91	32.7
2021-04-05 01:25:50	1.78	33.3
2021-04-05 01:26:00	1.65	33.2
2021-04-05 01:26:10	1.70	33.4
2021-04-05 01:26:20	1.76	33.2
2021-04-05 01:26:30	1.84	33.4
2021-04-05 01:26:40	1.74	33.4
2021-04-05 01:26:50	1.71	33.1
2021-04-05 01:27:00	1.79	32.9
2021-04-05 01:27:10	1.83	33.0
2021-04-05 01:27:20	1.95	32.9
2021-04-05 01:27:30	1.80	32.9
2021-04-05 01:27:40	2.16	32.4
2021-04-05 01:27:50	1.86	32.4
2021-04-05 01:28:00	2.10	32.7
2021-04-05 01:28:10	1.88	33.0
2021-04-05 01:28:20	1.94	33.1
2021-04-05 01:28:30	1.92	32.9
2021-04-05 01:28:40	1.79	32.9
2021-04-05 01:28:50	1.86	32.8
2021-04-05 01:29:00	1.72	33.1
2021-04-05 01:29:10	1.78	32.8
2021-04-05 01:29:20	1.93	33.0
2021-04-05 01:29:30	1.79	33.1
2021-04-05 01:29:40	2.16	33.4
2021-04-05 01:29:50	2.06	32.9
2021-04-05 01:30:00	2.14	32.5
2021-04-05 01:30:10	2.20	32.5
2021-04-05 01:30:20	1.74	32.6
2021-04-05 01:30:30	1.73	32.6
2021-04-05 02:02:00	1.27	32.5
2021-04-05 02:02:10	1.45	32.5
2021-04-05 02:02:20	1.50	32.4

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 02:02:30	1.29	31.9
2021-04-05 02:02:40	1.22	31.7
2021-04-05 02:02:50	1.09	32.0
2021-04-05 02:03:00	2.12	32.1
2021-04-05 02:03:10	1.65	32.0
2021-04-05 02:03:20	0.97	32.1
2021-04-05 02:03:30	1.63	32.0
2021-04-05 02:03:40	1.50	32.4
2021-04-05 02:03:50	1.71	32.2
2021-04-05 02:04:00	2.08	32.6
2021-04-05 02:04:10	1.65	32.5
2021-04-05 02:04:20	1.60	32.4
2021-04-05 02:04:30	1.83	32.7
2021-04-05 02:04:40	1.45	32.9
2021-04-05 02:04:50	0.92	33.2
2021-04-05 02:05:00	0.75	33.2
2021-04-05 02:05:10	1.21	33.2
2021-04-05 02:05:20	1.35	33.5
2021-04-05 02:05:30	0.96	31.0
2021-04-05 02:05:40	1.86	31.1
2021-04-05 02:05:50	1.89	31.0
2021-04-05 02:06:00	1.75	33.3
2021-04-05 02:06:10	1.62	33.1
2021-04-05 02:06:20	1.52	33.4
2021-04-05 02:06:30	1.75	33.2
2021-04-05 02:06:40	1.56	34.2
2021-04-05 02:06:50	1.48	33.8
2021-04-05 02:07:00	1.77	33.6
2021-04-05 02:07:10	1.51	34.0
2021-04-05 02:07:20	1.78	33.9
2021-04-05 02:07:30	1.11	34.5
2021-04-05 02:07:40	0.98	33.7
2021-04-05 02:07:50	1.88	34.1
2021-04-05 02:08:00	1.73	33.8
2021-04-05 02:08:10	1.87	32.9
2021-04-05 02:08:20	1.74	33.4
2021-04-05 02:08:30	2.21	33.3
2021-04-05 02:08:40	2.06	32.6
2021-04-05 02:08:50	2.48	32.5
2021-04-05 02:09:00	1.93	32.3
2021-04-05 02:09:10	2.05	32.1
2021-04-05 02:09:20	1.69	32.4
2021-04-05 02:09:30	1.21	32.9
2021-04-05 02:09:40	1.89	33.1
2021-04-05 02:09:50	1.89	33.0
2021-04-05 02:10:00	2.09	33.8
2021-04-05 02:10:10	0.99	31.3
2021-04-05 02:10:20	1.38	33.5
2021-04-05 02:10:30	1.92	31.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 02:10:40	2.56	34.2
2021-04-05 02:10:50	2.17	31.3
2021-04-05 02:11:00	2.41	33.5
2021-04-05 02:11:10	2.53	33.6
2021-04-05 02:11:20	1.85	31.1
2021-04-05 02:11:30	1.14	31.2
2021-04-05 02:11:40	1.67	31.1
2021-04-05 02:11:50	1.75	33.7
2021-04-05 02:12:00	2.29	34.2
2021-04-05 02:12:10	2.05	31.0
2021-04-05 02:12:20	1.68	31.0
2021-04-05 02:12:30	1.92	33.7
2021-04-05 02:12:40	2.01	33.1
2021-04-05 02:12:50	1.96	33.4
2021-04-05 02:13:00	2.05	33.0
2021-04-05 02:13:10	2.11	32.9
2021-04-05 02:13:20	2.00	33.7
2021-04-05 02:13:30	1.90	34.0
2021-04-05 02:13:40	2.14	33.2
2021-04-05 02:13:50	1.95	30.9
2021-04-05 02:14:00	1.33	33.4
2021-04-05 02:14:10	1.64	31.0
2021-04-05 02:14:20	1.92	33.0
2021-04-05 02:14:30	1.90	32.9
2021-04-05 02:14:40	1.89	32.7
2021-04-05 02:15:40	2.30	36.3
2021-04-05 02:15:50	2.07	35.0
2021-04-05 02:16:00	2.18	33.9
2021-04-05 02:16:10	2.38	33.8
2021-04-05 02:16:20	1.84	33.9
2021-04-05 02:16:30	1.89	33.0
2021-04-05 02:16:40	1.65	33.2
2021-04-05 02:16:50	1.88	33.3
2021-04-05 02:17:00	1.90	33.3
2021-04-05 02:17:10	2.51	33.2
2021-04-05 02:17:20	2.06	32.9
2021-04-05 02:17:30	2.06	33.2
2021-04-05 02:17:40	1.49	32.9
2021-04-05 02:17:50	1.70	33.2
2021-04-05 02:18:00	1.93	33.4
2021-04-05 02:18:10	1.68	33.4
2021-04-05 02:18:20	2.51	31.0
2021-04-05 02:18:30	2.37	31.0
2021-04-05 02:18:40	2.08	33.8
2021-04-05 02:18:50	2.49	31.1
2021-04-05 02:19:00	2.38	33.5
2021-04-05 02:20:00	1.65	35.4
2021-04-05 02:20:10	1.25	33.1
2021-04-05 02:20:20	1.35	32.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 02:20:30	2.32	31.4
2021-04-05 02:20:40	2.18	31.3
2021-04-05 02:20:50	1.79	31.4
2021-04-05 02:21:00	2.16	31.4
2021-04-05 02:21:10	1.90	33.9
2021-04-05 02:21:20	2.44	33.8
2021-04-05 02:21:30	2.05	32.8
2021-04-05 02:21:40	2.10	33.1
2021-04-05 02:21:50	2.76	32.9
2021-04-05 02:22:00	2.42	33.6
2021-04-05 02:22:10	2.14	32.8
2021-04-05 02:22:20	2.03	32.5
2021-04-05 02:22:30	2.01	32.8
2021-04-05 02:22:40	2.49	32.6
2021-04-05 02:22:50	1.72	32.5
2021-04-05 02:23:00	2.35	33.4
2021-04-05 02:23:10	2.24	33.0
2021-04-05 02:23:20	2.52	33.5
2021-04-05 02:23:30	2.53	33.5
2021-04-05 02:23:40	2.67	33.5
2021-04-05 02:23:50	2.31	33.1
2021-04-05 02:24:00	2.03	33.1
2021-04-05 02:24:10	1.96	33.0
2021-04-05 02:24:20	1.89	33.7
2021-04-05 02:24:30	1.65	31.1
2021-04-05 02:24:40	2.10	33.5
2021-04-05 02:24:50	2.26	33.5
2021-04-05 02:25:00	2.19	31.0
2021-04-05 02:25:10	1.82	33.5
2021-04-05 02:25:20	2.19	33.6
2021-04-05 02:25:30	2.05	33.7
2021-04-05 02:25:40	2.31	31.0
2021-04-05 02:25:50	1.49	31.2
2021-04-05 02:26:00	2.21	33.5
2021-04-05 02:26:10	1.86	33.3
2021-04-05 02:26:20	1.08	33.7
2021-04-05 02:26:30	1.49	33.4
2021-04-05 02:26:40	2.09	33.1
2021-04-05 02:26:50	1.79	33.0
2021-04-05 02:27:00	1.53	33.3
2021-04-05 02:27:10	1.50	33.2
2021-04-05 02:27:20	1.91	32.9
2021-04-05 02:27:30	1.58	33.3
2021-04-05 02:27:40	1.56	33.5
2021-04-05 02:27:50	1.54	33.1
2021-04-05 02:28:00	1.70	32.9
2021-04-05 02:28:10	1.55	33.1
2021-04-05 02:28:20	2.05	33.3
2021-04-05 02:28:30	1.75	31.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 02:28:40	1.61	30.9
2021-04-05 02:28:50	1.21	33.4
2021-04-05 02:29:00	0.99	33.0
2021-04-05 02:29:10	0.63	33.5
2021-04-05 02:29:20	1.32	32.4
2021-04-05 02:29:30	1.63	32.3
2021-04-05 02:29:40	1.88	32.5
2021-04-05 02:29:50	1.25	32.3
2021-04-05 02:30:00	0.87	32.5
2021-04-05 02:30:10	1.17	32.2
2021-04-05 02:30:20	1.34	32.5
2021-04-05 02:30:30	1.16	32.9
2021-04-05 03:02:00	1.41	32.6
2021-04-05 03:02:10	1.79	32.8
2021-04-05 03:02:20	1.59	32.6
2021-04-05 03:02:30	1.53	32.7
2021-04-05 03:02:40	1.55	32.6
2021-04-05 03:02:50	1.74	32.6
2021-04-05 03:03:00	1.98	32.3
2021-04-05 03:03:10	1.76	32.4
2021-04-05 03:03:20	1.44	32.4
2021-04-05 03:03:30	1.88	32.3
2021-04-05 03:03:40	2.05	32.5
2021-04-05 03:03:50	1.74	32.6
2021-04-05 03:04:00	1.43	32.4
2021-04-05 03:04:10	1.97	32.6
2021-04-05 03:04:20	2.06	32.4
2021-04-05 03:04:30	1.90	32.8
2021-04-05 03:05:40	2.10	36.3
2021-04-05 03:05:50	2.20	33.2
2021-04-05 03:06:00	1.89	34.2
2021-04-05 03:06:10	1.89	31.8
2021-04-05 03:06:20	1.89	31.7
2021-04-05 03:06:30	1.62	33.9
2021-04-05 03:06:40	1.65	33.5
2021-04-05 03:06:50	1.72	33.6
2021-04-05 03:07:00	1.84	33.3
2021-04-05 03:07:10	2.07	33.2
2021-04-05 03:07:20	2.03	33.5
2021-04-05 03:07:30	2.14	33.1
2021-04-05 03:07:40	1.58	33.7
2021-04-05 03:07:50	1.93	36.9
2021-04-05 03:08:40	1.55	37.5
2021-04-05 03:08:50	1.34	33.2
2021-04-05 03:09:00	1.30	33.4
2021-04-05 03:09:10	1.51	33.0
2021-04-05 03:09:20	1.78	33.2
2021-04-05 03:09:30	1.09	33.8
2021-04-05 03:09:40	1.19	33.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 03:09:50	1.48	31.1
2021-04-05 03:10:00	1.20	33.6
2021-04-05 03:10:10	1.50	34.1
2021-04-05 03:10:20	0.93	34.0
2021-04-05 03:10:30	1.42	33.3
2021-04-05 03:10:40	1.75	33.2
2021-04-05 03:10:50	1.39	33.1
2021-04-05 03:11:00	1.27	33.6
2021-04-05 03:11:10	0.94	33.2
2021-04-05 03:11:20	1.28	33.5
2021-04-05 03:11:30	1.78	33.7
2021-04-05 03:11:40	1.44	33.4
2021-04-05 03:11:50	1.80	33.6
2021-04-05 03:12:00	1.66	32.4
2021-04-05 03:12:10	1.45	32.3
2021-04-05 03:12:20	1.47	32.9
2021-04-05 03:12:30	1.78	32.9
2021-04-05 03:12:40	1.31	32.6
2021-04-05 03:12:50	1.47	32.2
2021-04-05 03:13:00	1.25	32.0
2021-04-05 03:13:10	1.44	31.9
2021-04-05 03:13:20	1.25	32.1
2021-04-05 03:13:30	0.63	32.4
2021-04-05 03:13:40	1.69	32.5
2021-04-05 03:13:50	1.20	32.6
2021-04-05 03:14:00	0.86	32.1
2021-04-05 03:14:10	1.76	32.1
2021-04-05 03:14:20	1.35	32.4
2021-04-05 03:14:30	1.43	32.7
2021-04-05 03:14:40	1.70	32.5
2021-04-05 03:14:50	1.84	32.4
2021-04-05 03:15:00	1.44	32.6
2021-04-05 03:15:10	0.98	32.5
2021-04-05 03:15:20	1.34	32.4
2021-04-05 03:15:30	1.78	32.9
2021-04-05 03:15:40	1.58	32.9
2021-04-05 03:15:50	1.39	33.0
2021-04-05 03:16:00	1.26	33.0
2021-04-05 03:16:10	1.32	32.7
2021-04-05 03:16:20	0.90	32.6
2021-04-05 03:16:30	1.22	32.9
2021-04-05 03:16:40	1.62	32.7
2021-04-05 03:16:50	1.50	33.1
2021-04-05 03:17:00	1.23	34.0
2021-04-05 03:17:10	1.46	33.9
2021-04-05 03:17:20	1.75	31.2
2021-04-05 03:17:30	1.54	31.0
2021-04-05 03:17:40	0.85	31.3
2021-04-05 03:17:50	0.82	31.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 03:18:00	1.23	31.5
2021-04-05 03:18:10	1.27	33.6
2021-04-05 03:18:20	1.54	31.3
2021-04-05 03:18:30	1.50	33.4
2021-04-05 03:18:40	1.40	33.3
2021-04-05 03:18:50	1.51	34.1
2021-04-05 03:19:00	1.27	33.7
2021-04-05 03:19:10	1.19	33.3
2021-04-05 03:19:20	1.44	33.9
2021-04-05 03:21:20	0.98	33.6
2021-04-05 03:21:30	1.43	33.0
2021-04-05 03:21:40	1.40	32.8
2021-04-05 03:21:50	1.24	33.2
2021-04-05 03:22:00	1.32	33.6
2021-04-05 03:22:10	1.20	33.8
2021-04-05 03:22:20	1.15	31.4
2021-04-05 03:22:30	1.03	31.2
2021-04-05 03:22:40	1.18	33.6
2021-04-05 03:22:50	1.70	31.3
2021-04-05 03:23:00	1.17	31.4
2021-04-05 03:24:20	0.92	34.4
2021-04-05 03:24:30	1.25	33.0
2021-04-05 03:24:40	1.02	32.9
2021-04-05 03:24:50	1.56	32.9
2021-04-05 03:25:00	1.31	32.5
2021-04-05 03:25:10	1.68	32.5
2021-04-05 03:25:20	1.93	32.6
2021-04-05 03:25:30	1.27	33.1
2021-04-05 03:25:40	1.43	33.2
2021-04-05 03:25:50	1.65	33.7
2021-04-05 03:26:00	1.39	34.0
2021-04-05 03:26:10	1.21	33.5
2021-04-05 03:26:20	1.78	33.2
2021-04-05 03:26:30	1.89	33.3
2021-04-05 03:26:40	1.60	33.4
2021-04-05 03:26:50	1.54	33.6
2021-04-05 03:27:00	1.50	31.2
2021-04-05 03:27:10	1.11	33.4
2021-04-05 03:27:20	0.79	33.8
2021-04-05 03:27:30	1.01	33.3
2021-04-05 03:27:40	1.25	33.5
2021-04-05 03:27:50	1.10	33.1
2021-04-05 03:28:00	1.36	32.7
2021-04-05 03:28:10	1.28	33.7
2021-04-05 03:28:20	2.23	33.4
2021-04-05 03:28:30	1.53	33.4
2021-04-05 03:28:40	1.84	33.2
2021-04-05 03:28:50	1.56	32.9
2021-04-05 03:29:00	1.37	33.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 03:29:10	1.35	32.7
2021-04-05 03:29:20	1.67	33.2
2021-04-05 03:29:30	2.13	33.5
2021-04-05 03:29:40	1.81	34.6
2021-04-05 04:02:10	0.83	33.6
2021-04-05 04:02:20	1.44	32.9
2021-04-05 04:02:30	1.47	32.7
2021-04-05 04:02:40	0.92	32.8
2021-04-05 04:02:50	1.38	32.9
2021-04-05 04:03:00	1.46	32.7
2021-04-05 04:03:10	1.03	32.5
2021-04-05 04:03:20	1.13	32.1
2021-04-05 04:03:30	1.65	32.0
2021-04-05 04:03:40	1.67	31.7
2021-04-05 04:03:50	0.96	32.0
2021-04-05 04:04:00	1.58	31.4
2021-04-05 04:04:10	1.90	31.5
2021-04-05 04:04:20	2.11	31.6
2021-04-05 04:04:30	1.95	31.5
2021-04-05 04:04:40	1.11	31.7
2021-04-05 04:04:50	1.78	31.6
2021-04-05 04:05:00	2.33	31.7
2021-04-05 04:05:10	1.46	31.6
2021-04-05 04:05:20	1.48	31.9
2021-04-05 04:05:30	1.36	31.9
2021-04-05 04:05:40	1.83	32.0
2021-04-05 04:06:40	1.56	35.0
2021-04-05 04:06:50	1.91	33.7
2021-04-05 04:07:00	1.62	33.1
2021-04-05 04:07:10	1.33	33.1
2021-04-05 04:07:20	1.45	33.1
2021-04-05 04:07:30	1.60	33.2
2021-04-05 04:07:40	1.55	33.0
2021-04-05 04:07:50	1.38	33.0
2021-04-05 04:08:00	2.03	32.6
2021-04-05 04:08:10	1.94	32.5
2021-04-05 04:08:20	1.13	32.4
2021-04-05 04:08:30	1.62	32.3
2021-04-05 04:08:40	1.89	32.4
2021-04-05 04:08:50	2.29	32.7
2021-04-05 04:09:00	1.48	32.3
2021-04-05 04:09:10	2.33	32.1
2021-04-05 04:09:20	1.91	31.9
2021-04-05 04:09:30	1.56	31.9
2021-04-05 04:09:40	2.06	31.6
2021-04-05 04:09:50	1.62	31.7
2021-04-05 04:10:00	1.33	31.6
2021-04-05 04:10:10	1.68	31.6
2021-04-05 04:10:20	1.35	32.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 04:10:30	1.68	31.9
2021-04-05 04:10:40	2.09	31.8
2021-04-05 04:11:40	1.73	38.1
2021-04-05 04:11:50	1.78	35.5
2021-04-05 04:12:00	2.17	33.6
2021-04-05 04:12:10	1.99	38.1
2021-04-05 04:13:20	1.93	36.2
2021-04-05 04:13:30	1.84	35.2
2021-04-05 04:13:40	2.23	33.5
2021-04-05 04:13:50	2.16	32.9
2021-04-05 04:14:00	2.03	32.7
2021-04-05 04:14:10	1.76	32.9
2021-04-05 04:14:20	1.42	33.1
2021-04-05 04:14:30	0.99	32.9
2021-04-05 04:14:40	1.48	32.8
2021-04-05 04:14:50	2.15	32.4
2021-04-05 04:15:00	2.06	32.7
2021-04-05 04:15:10	1.27	33.6
2021-04-05 04:15:20	2.24	32.2
2021-04-05 04:15:30	1.64	32.0
2021-04-05 04:15:40	1.08	31.9
2021-04-05 04:15:50	2.37	31.9
2021-04-05 04:16:00	2.03	32.0
2021-04-05 04:16:10	2.00	32.2
2021-04-05 04:16:20	2.19	35.6
2021-04-05 04:18:10	1.72	37.6
2021-04-05 04:18:20	1.94	34.7
2021-04-05 04:18:30	1.90	33.7
2021-04-05 04:18:40	2.13	33.2
2021-04-05 04:18:50	1.91	32.8
2021-04-05 04:19:00	0.84	32.1
2021-04-05 04:19:10	1.77	31.6
2021-04-05 04:19:20	2.27	31.9
2021-04-05 04:19:30	1.75	32.1
2021-04-05 04:19:40	1.94	32.1
2021-04-05 04:19:50	2.21	32.2
2021-04-05 04:20:00	2.02	32.6
2021-04-05 04:20:10	2.15	31.9
2021-04-05 04:20:20	1.74	32.0
2021-04-05 04:20:30	2.38	32.3
2021-04-05 04:20:40	1.70	32.1
2021-04-05 04:20:50	1.33	32.0
2021-04-05 04:21:00	1.37	31.9
2021-04-05 04:21:10	2.18	32.0
2021-04-05 04:21:20	1.86	31.9
2021-04-05 04:21:30	1.72	31.8
2021-04-05 04:21:40	2.22	31.6
2021-04-05 04:21:50	2.03	31.4
2021-04-05 04:22:00	1.92	31.4

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 04:22:10	1.98	31.5
2021-04-05 04:22:20	2.26	31.4
2021-04-05 04:22:30	2.18	31.8
2021-04-05 04:22:40	2.02	31.7
2021-04-05 04:22:50	2.17	31.9
2021-04-05 04:23:00	1.63	32.1
2021-04-05 04:23:10	2.25	32.0
2021-04-05 04:23:20	1.88	32.2
2021-04-05 04:23:30	1.78	32.4
2021-04-05 04:23:40	2.29	32.4
2021-04-05 04:23:50	1.69	32.7
2021-04-05 04:24:00	1.77	32.6
2021-04-05 04:24:10	2.33	32.3
2021-04-05 04:24:20	2.49	32.3
2021-04-05 04:24:30	1.86	32.6
2021-04-05 04:24:40	1.58	32.5
2021-04-05 04:24:50	1.83	32.3
2021-04-05 04:25:00	1.60	32.4
2021-04-05 04:25:10	1.84	32.5
2021-04-05 04:25:20	2.00	32.8
2021-04-05 04:25:30	1.87	33.1
2021-04-05 04:25:40	1.85	32.3
2021-04-05 04:25:50	2.48	32.4
2021-04-05 04:26:00	2.28	31.9
2021-04-05 04:26:10	1.70	32.1
2021-04-05 04:26:20	2.36	32.3
2021-04-05 04:26:30	2.15	32.5
2021-04-05 04:26:40	1.47	32.1
2021-04-05 04:26:50	2.08	32.1
2021-04-05 04:27:00	1.89	32.3
2021-04-05 04:27:10	2.17	32.6
2021-04-05 04:27:20	1.75	32.4
2021-04-05 04:27:30	2.08	32.5
2021-04-05 04:27:40	2.36	32.7
2021-04-05 04:27:50	2.25	33.2
2021-04-05 04:28:00	2.18	33.0
2021-04-05 04:28:10	0.64	34.4
2021-04-05 04:28:20	1.81	36.6
2021-04-05 04:28:30	2.23	38.0
2021-04-05 04:29:50	1.99	32.9
2021-04-05 04:30:00	1.25	31.7
2021-04-05 04:30:10	1.73	32.0
2021-04-05 04:30:20	2.18	32.2
2021-04-05 04:30:30	1.73	33.7
2021-04-05 22:02:00	0.84	30.6
2021-04-05 22:02:10	0.97	30.2
2021-04-05 22:02:20	0.65	30.1
2021-04-05 22:02:30	0.89	30.2
2021-04-05 22:02:40	1.22	30.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 22:02:50	1.04	30.2
2021-04-05 22:03:00	1.11	30.2
2021-04-05 22:03:10	0.68	30.2
2021-04-05 22:03:20	0.69	30.3
2021-04-05 22:03:30	1.18	30.2
2021-04-05 22:03:40	1.26	30.7
2021-04-05 22:03:50	0.91	30.7
2021-04-05 22:04:00	0.61	31.1
2021-04-05 22:04:10	1.25	32.2
2021-04-05 22:04:20	1.56	33.2
2021-04-05 22:05:40	1.07	35.4
2021-04-05 22:05:50	1.21	31.5
2021-04-05 22:06:00	1.14	30.2
2021-04-05 22:06:10	1.24	30.2
2021-04-05 22:06:20	1.57	30.2
2021-04-05 22:06:30	1.33	30.1
2021-04-05 22:06:40	1.41	30.1
2021-04-05 22:06:50	1.17	30.2
2021-04-05 22:07:00	1.01	30.2
2021-04-05 22:07:10	0.79	30.1
2021-04-05 22:07:20	0.56	30.1
2021-04-05 22:07:30	0.75	30.1
2021-04-05 22:07:40	0.78	30.2
2021-04-05 22:07:50	1.19	30.2
2021-04-05 22:08:00	0.92	30.1
2021-04-05 22:08:10	0.62	30.1
2021-04-05 22:08:40	0.75	30.1
2021-04-05 22:08:50	0.65	30.2
2021-04-05 22:09:00	0.75	30.2
2021-04-05 22:09:30	0.75	30.2
2021-04-05 22:09:40	0.90	30.3
2021-04-05 22:09:50	1.00	30.3
2021-04-05 22:10:00	1.21	30.3
2021-04-05 22:10:10	1.08	30.4
2021-04-05 22:10:20	1.02	30.6
2021-04-05 22:10:30	1.00	30.9
2021-04-05 22:10:40	0.97	30.8
2021-04-05 22:10:50	0.93	31.2
2021-04-05 22:11:00	0.70	34.1
2021-04-05 22:12:10	1.03	34.6
2021-04-05 22:12:20	1.32	31.5
2021-04-05 22:12:30	1.17	30.7
2021-04-05 22:12:40	0.79	30.3
2021-04-05 22:12:50	1.03	30.2
2021-04-05 22:13:00	0.94	30.2
2021-04-05 22:13:10	0.75	30.2
2021-04-05 22:13:20	0.88	30.3
2021-04-05 22:13:30	1.07	30.3
2021-04-05 22:13:40	0.83	30.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 22:13:50	0.75	30.1
2021-04-05 22:14:00	0.85	30.1
2021-04-05 22:14:10	0.94	30.3
2021-04-05 22:14:20	1.17	30.2
2021-04-05 22:14:30	0.90	30.1
2021-04-05 22:14:40	0.75	30.3
2021-04-05 22:14:50	0.85	31.0
2021-04-05 22:15:00	1.05	32.7
2021-04-05 22:15:10	1.14	31.7
2021-04-05 22:15:20	0.75	30.4
2021-04-05 22:15:30	0.56	30.2
2021-04-05 22:15:40	0.58	30.4
2021-04-05 22:15:50	0.78	30.5
2021-04-05 22:16:00	0.96	30.4
2021-04-05 22:16:10	0.96	30.5
2021-04-05 22:16:20	0.88	30.2
2021-04-05 22:16:30	0.73	30.3
2021-04-05 22:16:40	0.67	30.2
2021-04-05 22:16:50	0.93	30.5
2021-04-05 22:17:00	1.23	30.8
2021-04-05 22:17:10	0.93	30.8
2021-04-05 22:17:20	0.75	31.3
2021-04-05 22:17:30	1.07	33.7
2021-04-05 22:17:40	0.90	31.7
2021-04-05 22:17:50	0.85	30.5
2021-04-05 22:18:00	0.85	30.4
2021-04-05 22:18:10	1.05	30.5
2021-04-05 22:18:20	0.91	30.6
2021-04-05 22:18:30	0.71	30.7
2021-04-05 22:18:40	0.87	30.7
2021-04-05 22:18:50	0.92	30.6
2021-04-05 22:19:00	0.73	30.4
2021-04-05 22:19:10	0.91	30.8
2021-04-05 22:19:20	1.25	30.7
2021-04-05 22:19:30	1.00	30.5
2021-04-05 22:19:40	1.11	30.7
2021-04-05 22:19:50	1.05	30.6
2021-04-05 22:20:00	0.99	30.5
2021-04-05 22:20:10	0.96	30.5
2021-04-05 22:20:20	1.25	30.5
2021-04-05 22:20:30	1.34	30.5
2021-04-05 22:20:40	1.43	30.7
2021-04-05 22:20:50	1.19	30.8
2021-04-05 22:21:00	1.30	30.7
2021-04-05 22:21:10	1.32	32.8
2021-04-05 22:22:10	1.61	36.7
2021-04-05 22:22:20	1.78	36.0
2021-04-05 22:22:30	1.78	34.1
2021-04-05 22:22:40	1.77	34.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 22:22:50	1.77	33.7
2021-04-05 22:23:00	1.91	32.5
2021-04-05 22:23:10	1.85	31.9
2021-04-05 22:23:20	1.97	31.3
2021-04-05 22:23:30	2.20	31.2
2021-04-05 22:23:40	1.87	35.5
2021-04-05 22:23:50	1.81	33.8
2021-04-05 22:24:00	2.12	36.4
2021-04-05 22:24:10	1.96	35.4
2021-04-05 22:24:20	2.00	33.3
2021-04-05 22:24:30	1.71	32.9
2021-04-05 22:24:40	1.86	36.8
2021-04-05 22:27:10	1.55	36.1
2021-04-05 22:27:20	1.35	33.1
2021-04-05 22:27:30	1.93	31.3
2021-04-05 22:27:40	2.17	30.6
2021-04-05 22:27:50	1.86	31.0
2021-04-05 22:28:00	1.43	31.3
2021-04-05 22:28:10	1.44	31.5
2021-04-05 22:28:20	1.63	31.6
2021-04-05 22:28:30	1.52	30.8
2021-04-05 22:28:40	1.53	31.0
2021-04-05 22:28:50	1.35	30.6
2021-04-05 22:29:00	1.21	30.6
2021-04-05 22:29:10	1.25	30.5
2021-04-05 22:29:20	1.13	30.5
2021-04-05 22:29:30	1.23	30.5
2021-04-05 22:29:40	1.82	30.5
2021-04-05 22:29:50	1.62	30.4
2021-04-05 22:30:00	1.12	30.4
2021-04-05 22:30:10	1.02	30.6
2021-04-05 22:30:20	1.27	30.6
2021-04-05 22:30:30	1.55	30.4
2021-04-05 23:02:00	1.66	30.7
2021-04-05 23:02:10	1.46	30.5
2021-04-05 23:02:20	1.06	30.5
2021-04-05 23:02:30	0.71	30.6
2021-04-05 23:02:40	0.94	30.6
2021-04-05 23:02:50	1.77	30.6
2021-04-05 23:03:00	1.25	30.5
2021-04-05 23:03:10	1.09	30.5
2021-04-05 23:03:20	0.93	30.5
2021-04-05 23:03:30	1.02	30.7
2021-04-05 23:03:40	1.77	30.7
2021-04-05 23:03:50	1.73	30.6
2021-04-05 23:04:00	1.35	30.6
2021-04-05 23:04:10	1.06	30.5
2021-04-05 23:04:20	1.18	30.6
2021-04-05 23:04:30	1.21	30.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 23:04:40	1.22	30.7
2021-04-05 23:04:50	1.12	31.9
2021-04-05 23:05:00	1.10	30.9
2021-04-05 23:05:10	0.59	30.5
2021-04-05 23:05:20	0.87	30.6
2021-04-05 23:05:30	1.65	30.5
2021-04-05 23:05:40	1.24	30.6
2021-04-05 23:05:50	1.12	30.5
2021-04-05 23:06:00	1.03	30.6
2021-04-05 23:06:10	0.96	30.6
2021-04-05 23:06:20	0.71	30.5
2021-04-05 23:06:30	0.85	30.6
2021-04-05 23:06:40	1.40	30.4
2021-04-05 23:06:50	1.42	30.4
2021-04-05 23:07:00	1.32	30.4
2021-04-05 23:07:10	0.91	30.4
2021-04-05 23:07:20	1.00	30.4
2021-04-05 23:07:30	1.13	30.4
2021-04-05 23:07:40	1.21	30.4
2021-04-05 23:07:50	1.12	30.4
2021-04-05 23:08:00	0.62	30.4
2021-04-05 23:08:10	0.54	30.5
2021-04-05 23:08:20	0.86	30.5
2021-04-05 23:08:30	1.04	30.3
2021-04-05 23:08:40	0.90	30.5
2021-04-05 23:08:50	0.97	30.6
2021-04-05 23:09:00	0.90	30.7
2021-04-05 23:09:10	1.03	30.8
2021-04-05 23:09:20	1.37	31.4
2021-04-05 23:09:30	1.25	31.9
2021-04-05 23:09:40	0.69	33.5
2021-04-05 23:09:50	1.20	35.3
2021-04-05 23:11:10	1.12	32.4
2021-04-05 23:11:20	1.07	31.0
2021-04-05 23:11:30	0.83	30.8
2021-04-05 23:11:40	1.14	30.5
2021-04-05 23:11:50	1.00	30.5
2021-04-05 23:12:00	0.86	30.5
2021-04-05 23:12:10	1.14	30.5
2021-04-05 23:12:20	0.94	30.6
2021-04-05 23:12:30	1.12	30.6
2021-04-05 23:12:40	1.07	30.5
2021-04-05 23:12:50	1.12	30.3
2021-04-05 23:13:00	1.13	30.4
2021-04-05 23:13:10	0.99	30.5
2021-04-05 23:13:20	1.17	30.8
2021-04-05 23:13:30	0.95	32.3
2021-04-05 23:14:40	1.15	34.7
2021-04-05 23:14:50	1.24	32.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 23:15:00	1.02	33.0
2021-04-05 23:15:10	1.03	31.9
2021-04-05 23:15:20	0.77	30.8
2021-04-05 23:15:30	0.92	30.7
2021-04-05 23:15:40	1.17	30.6
2021-04-05 23:15:50	0.96	30.6
2021-04-05 23:16:00	0.82	30.5
2021-04-05 23:16:10	1.36	30.6
2021-04-05 23:16:20	1.31	30.6
2021-04-05 23:16:30	0.97	30.7
2021-04-05 23:16:40	1.53	30.5
2021-04-05 23:16:50	1.09	30.5
2021-04-05 23:17:00	0.95	30.5
2021-04-05 23:17:10	1.21	30.5
2021-04-05 23:17:20	1.23	30.6
2021-04-05 23:17:30	1.26	30.4
2021-04-05 23:17:40	0.84	30.5
2021-04-05 23:17:50	0.80	30.8
2021-04-05 23:18:00	1.23	30.5
2021-04-05 23:18:10	1.32	31.1
2021-04-05 23:18:20	0.95	30.5
2021-04-05 23:18:30	0.78	30.6
2021-04-05 23:18:40	1.22	30.6
2021-04-05 23:18:50	1.05	30.5
2021-04-05 23:19:00	0.75	30.4
2021-04-05 23:19:10	1.03	30.8
2021-04-05 23:19:20	0.93	30.5
2021-04-05 23:19:30	1.04	30.8
2021-04-05 23:19:40	0.78	30.5
2021-04-05 23:19:50	0.62	30.7
2021-04-05 23:20:00	0.74	31.2
2021-04-05 23:21:40	1.05	33.8
2021-04-05 23:23:20	0.67	34.9
2021-04-05 23:23:30	0.79	32.8
2021-04-05 23:23:40	0.66	31.8
2021-04-05 23:23:50	0.74	31.1
2021-04-05 23:24:00	0.61	30.7
2021-04-05 23:24:10	0.50	30.5
2021-04-05 23:24:20	0.66	30.4
2021-04-05 23:24:30	1.12	30.7
2021-04-05 23:24:40	0.67	30.8
2021-04-05 23:24:50	0.58	30.9
2021-04-05 23:25:00	0.87	30.6
2021-04-05 23:25:10	0.90	30.7
2021-04-05 23:25:20	0.77	31.1
2021-04-05 23:25:30	0.99	34.2
2021-04-05 23:26:50	0.89	33.2
2021-04-05 23:27:00	1.00	31.4
2021-04-05 23:27:10	0.71	31.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-05 23:27:20	1.03	31.7
2021-04-05 23:27:30	1.07	32.1
2021-04-05 23:27:40	1.16	32.8
2021-04-05 23:27:50	1.13	35.0
2021-04-05 23:29:20	1.00	33.1
2021-04-05 23:29:30	0.83	31.6
2021-04-05 23:29:40	0.55	30.5
2021-04-05 23:29:50	0.80	30.7
2021-04-05 23:30:00	1.37	30.4
2021-04-05 23:30:10	0.94	30.7
2021-04-05 23:30:20	0.97	30.5
2021-04-05 23:30:30	0.61	30.7
2021-04-06 00:02:00	1.28	30.3
2021-04-06 00:02:10	0.95	30.3
2021-04-06 00:02:20	0.62	30.3
2021-04-06 00:02:30	1.14	30.2
2021-04-06 00:02:40	1.25	30.3
2021-04-06 00:02:50	0.71	30.4
2021-04-06 00:03:00	0.53	30.6
2021-04-06 00:03:10	1.40	30.5
2021-04-06 00:03:20	1.11	30.2
2021-04-06 00:03:30	1.10	30.4
2021-04-06 00:03:40	0.61	30.4
2021-04-06 00:03:50	1.10	30.5
2021-04-06 00:04:00	1.28	30.4
2021-04-06 00:04:10	1.15	30.6
2021-04-06 00:04:20	1.53	30.3
2021-04-06 00:04:30	1.08	30.3
2021-04-06 00:04:40	1.45	30.3
2021-04-06 00:04:50	1.50	30.3
2021-04-06 00:05:00	1.25	30.4
2021-04-06 00:05:10	1.39	30.4
2021-04-06 00:05:20	1.26	30.3
2021-04-06 00:05:30	1.46	30.3
2021-04-06 00:05:40	1.20	30.4
2021-04-06 00:05:50	0.66	30.5
2021-04-06 00:06:00	0.75	30.6
2021-04-06 00:06:10	1.02	30.7
2021-04-06 00:06:20	1.10	30.2
2021-04-06 00:06:30	0.74	30.4
2021-04-06 00:06:40	0.90	30.5
2021-04-06 00:06:50	1.09	30.4
2021-04-06 00:07:00	1.16	30.7
2021-04-06 00:07:10	0.73	30.6
2021-04-06 00:07:20	0.92	30.4
2021-04-06 00:07:30	1.18	30.4
2021-04-06 00:07:40	1.08	30.7
2021-04-06 00:07:50	1.15	30.9
2021-04-06 00:08:00	1.36	30.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-06 00:08:10	1.17	31.2
2021-04-06 00:08:20	1.02	31.6
2021-04-06 00:08:30	1.49	33.1
2021-04-06 00:08:40	1.13	33.2
2021-04-06 00:08:50	1.51	32.7
2021-04-06 00:09:00	1.83	34.4
2021-04-06 00:11:00	1.35	35.4
2021-04-06 00:11:10	0.65	31.4
2021-04-06 00:11:30	0.84	30.8
2021-04-06 00:11:40	1.22	30.5
2021-04-06 00:11:50	1.40	30.4
2021-04-06 00:12:00	1.02	30.7
2021-04-06 00:12:10	1.34	30.4
2021-04-06 00:12:20	1.35	30.4
2021-04-06 00:12:30	1.10	30.4
2021-04-06 00:12:40	0.77	30.4
2021-04-06 00:12:50	0.82	30.3
2021-04-06 00:13:00	1.00	30.2
2021-04-06 00:13:10	1.04	30.3
2021-04-06 00:13:20	0.78	30.3
2021-04-06 00:13:30	1.11	30.4
2021-04-06 00:13:40	1.24	30.5
2021-04-06 00:13:50	0.98	30.7
2021-04-06 00:14:00	0.75	30.8
2021-04-06 00:14:10	1.04	31.4
2021-04-06 00:14:20	1.16	31.8
2021-04-06 00:14:30	1.22	32.4
2021-04-06 00:15:50	1.04	33.6
2021-04-06 00:16:00	0.94	31.7
2021-04-06 00:16:10	0.68	30.7
2021-04-06 00:16:20	0.92	30.5
2021-04-06 00:16:30	1.31	30.4
2021-04-06 00:16:40	1.42	30.3
2021-04-06 00:16:50	1.20	30.2
2021-04-06 00:17:00	1.14	30.2
2021-04-06 00:17:10	1.17	30.3
2021-04-06 00:17:20	0.99	30.3
2021-04-06 00:17:30	0.96	30.4
2021-04-06 00:17:40	1.18	30.1
2021-04-06 00:17:50	0.80	30.4
2021-04-06 00:18:00	1.19	30.5
2021-04-06 00:18:10	1.62	30.4
2021-04-06 00:18:20	1.24	30.1
2021-04-06 00:18:30	1.51	30.4
2021-04-06 00:18:40	1.51	30.3
2021-04-06 00:18:50	1.30	30.3
2021-04-06 00:19:00	1.07	30.4
2021-04-06 00:19:10	1.00	30.4
2021-04-06 00:19:20	1.45	30.4

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-06 00:19:30	1.25	30.2
2021-04-06 00:19:40	1.21	30.4
2021-04-06 00:19:50	1.01	30.3
2021-04-06 00:20:00	1.08	30.4
2021-04-06 00:20:10	1.02	30.6
2021-04-06 00:20:20	1.42	30.3
2021-04-06 00:20:30	1.53	30.3
2021-04-06 00:20:40	0.89	30.3
2021-04-06 00:20:50	1.88	30.2
2021-04-06 00:21:00	1.47	30.4
2021-04-06 00:21:10	1.32	30.3
2021-04-06 00:21:20	1.40	30.2
2021-04-06 00:21:30	1.48	30.1
2021-04-06 00:21:40	1.01	30.0
2021-04-06 00:21:50	1.13	30.1
2021-04-06 00:22:00	1.06	30.3
2021-04-06 00:22:10	1.48	30.2
2021-04-06 00:22:20	1.36	30.2
2021-04-06 00:22:30	1.52	30.2
2021-04-06 00:22:40	1.16	30.3
2021-04-06 00:22:50	1.06	30.2
2021-04-06 00:23:10	1.09	30.3
2021-04-06 00:23:20	1.43	30.2
2021-04-06 00:23:30	1.22	30.3
2021-04-06 00:23:40	1.92	30.3
2021-04-06 00:23:50	1.36	30.3
2021-04-06 00:24:00	1.42	30.2
2021-04-06 00:24:10	0.98	30.2
2021-04-06 00:24:20	0.77	30.3
2021-04-06 00:24:30	0.91	30.2
2021-04-06 00:24:40	1.26	30.2
2021-04-06 00:24:50	1.28	30.2
2021-04-06 00:25:00	1.66	30.1
2021-04-06 00:25:10	1.57	30.3
2021-04-06 00:25:20	1.25	30.5
2021-04-06 00:25:30	0.98	30.3
2021-04-06 00:25:40	0.83	30.4
2021-04-06 00:25:50	1.05	30.3
2021-04-06 00:26:00	1.35	30.4
2021-04-06 00:26:10	1.83	30.3
2021-04-06 00:26:20	1.73	30.4
2021-04-06 00:26:30	1.64	30.4
2021-04-06 00:26:40	1.09	30.2
2021-04-06 00:26:50	1.59	30.2
2021-04-06 00:27:00	1.29	30.2
2021-04-06 00:27:10	1.23	30.2
2021-04-06 00:27:20	1.20	30.3
2021-04-06 00:27:30	1.11	30.3
2021-04-06 00:27:40	1.14	30.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-06 00:27:50	1.63	30.3
2021-04-06 00:28:00	1.00	30.2
2021-04-06 00:28:10	1.44	30.2
2021-04-06 00:28:20	1.15	30.2
2021-04-06 00:28:30	1.24	30.3
2021-04-06 00:28:40	1.29	30.4
2021-04-06 00:28:50	1.00	30.3
2021-04-06 00:29:00	1.33	30.4
2021-04-06 00:29:10	1.19	30.6
2021-04-06 00:29:20	1.67	30.4
2021-04-06 00:29:30	0.75	30.4
2021-04-06 00:29:40	1.04	31.0
2021-04-06 00:29:50	1.14	34.6
2021-04-06 01:02:00	0.78	30.4
2021-04-06 01:02:10	1.28	30.1
2021-04-06 01:02:20	1.44	30.3
2021-04-06 01:02:30	1.20	30.3
2021-04-06 01:02:40	1.07	30.2
2021-04-06 01:02:50	0.95	30.3
2021-04-06 01:03:00	1.02	30.5
2021-04-06 01:03:10	1.06	30.3
2021-04-06 01:03:20	1.05	30.7
2021-04-06 01:03:30	1.23	30.3
2021-04-06 01:03:40	1.32	30.4
2021-04-06 01:03:50	1.22	30.4
2021-04-06 01:04:00	1.02	30.3
2021-04-06 01:04:10	1.21	30.2
2021-04-06 01:04:20	1.11	30.2
2021-04-06 01:04:30	1.28	30.2
2021-04-06 01:04:40	1.23	30.1
2021-04-06 01:04:50	1.39	30.1
2021-04-06 01:05:00	1.62	30.0
2021-04-06 01:05:10	1.37	30.2
2021-04-06 01:05:20	0.73	30.0
2021-04-06 01:05:30	1.05	29.9
2021-04-06 01:05:40	0.98	30.0
2021-04-06 01:05:50	1.39	30.1
2021-04-06 01:06:00	1.61	30.0
2021-04-06 01:06:10	1.20	30.3
2021-04-06 01:06:20	1.40	30.3
2021-04-06 01:06:30	1.48	33.7
2021-04-06 01:07:30	0.82	34.4
2021-04-06 01:07:40	1.34	33.1
2021-04-06 01:07:50	1.09	31.1
2021-04-06 01:08:00	1.04	30.6
2021-04-06 01:08:10	1.30	30.5
2021-04-06 01:08:20	1.10	30.2
2021-04-06 01:08:30	1.23	30.1
2021-04-06 01:08:40	1.23	30.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-06 01:08:50	1.19	30.0
2021-04-06 01:09:00	1.28	30.1
2021-04-06 01:09:10	1.49	30.0
2021-04-06 01:09:20	1.11	30.1
2021-04-06 01:09:30	1.31	30.0
2021-04-06 01:09:40	1.14	30.0
2021-04-06 01:09:50	1.33	30.0
2021-04-06 01:10:00	0.94	30.1
2021-04-06 01:10:10	0.81	30.0
2021-04-06 01:10:20	0.83	30.0
2021-04-06 01:10:30	0.86	30.0
2021-04-06 01:10:40	0.68	30.0
2021-04-06 01:10:50	1.01	30.0
2021-04-06 01:11:00	1.14	30.1
2021-04-06 01:11:10	1.54	30.0
2021-04-06 01:11:20	1.29	30.0
2021-04-06 01:11:30	1.37	30.1
2021-04-06 01:11:40	1.44	30.0
2021-04-06 01:11:50	1.06	30.1
2021-04-06 01:12:00	1.35	30.0
2021-04-06 01:12:10	1.14	33.8
2021-04-06 01:12:20	1.05	29.9
2021-04-06 01:12:30	0.91	33.8
2021-04-06 01:12:40	0.90	33.9
2021-04-06 01:12:50	1.53	30.0
2021-04-06 01:13:00	1.32	34.0
2021-04-06 01:13:10	1.11	30.1
2021-04-06 01:13:20	1.37	30.0
2021-04-06 01:13:30	1.78	30.0
2021-04-06 01:13:40	1.07	30.0
2021-04-06 01:13:50	1.12	30.1
2021-04-06 01:14:00	1.09	30.1
2021-04-06 01:14:10	1.42	30.2
2021-04-06 01:14:20	1.37	30.1
2021-04-06 01:14:30	1.59	30.1
2021-04-06 01:14:40	1.18	30.2
2021-04-06 01:14:50	1.12	30.1
2021-04-06 01:15:00	1.33	30.0
2021-04-06 01:15:10	1.18	30.0
2021-04-06 01:15:20	0.71	30.2
2021-04-06 01:15:30	0.71	30.1
2021-04-06 01:15:40	1.07	30.1
2021-04-06 01:15:50	1.71	30.1
2021-04-06 01:16:00	1.42	30.1
2021-04-06 01:16:10	1.09	30.2
2021-04-06 01:16:20	0.77	30.2
2021-04-06 01:16:30	1.29	30.2
2021-04-06 01:16:40	1.86	30.3
2021-04-06 01:16:50	1.77	30.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-06 01:17:00	1.41	30.1
2021-04-06 01:17:10	1.34	30.1
2021-04-06 01:17:20	1.01	30.2
2021-04-06 01:17:30	1.19	30.2
2021-04-06 01:17:40	1.75	30.2
2021-04-06 01:17:50	1.54	30.1
2021-04-06 01:18:00	1.84	30.0
2021-04-06 01:18:10	1.35	30.1
2021-04-06 01:18:20	1.43	30.1
2021-04-06 01:18:30	1.44	30.0
2021-04-06 01:18:40	1.47	30.1
2021-04-06 01:18:50	1.55	30.2
2021-04-06 01:19:00	1.51	30.2
2021-04-06 01:19:10	1.48	30.2
2021-04-06 01:19:20	1.76	30.3
2021-04-06 01:19:30	1.15	30.2
2021-04-06 01:19:40	1.19	30.1
2021-04-06 01:19:50	1.25	30.1
2021-04-06 01:20:00	1.62	30.2
2021-04-06 01:20:10	1.41	30.1
2021-04-06 01:20:20	1.75	30.1
2021-04-06 01:20:30	1.13	30.2
2021-04-06 01:20:40	0.96	30.2
2021-04-06 01:20:50	1.46	30.3
2021-04-06 01:21:00	1.46	30.5
2021-04-06 01:21:10	1.41	31.4
2021-04-06 01:21:20	1.27	31.9
2021-04-06 01:21:30	0.89	34.1
2021-04-06 01:23:00	1.22	32.1
2021-04-06 01:23:10	0.91	30.4
2021-04-06 01:23:20	1.41	30.3
2021-04-06 01:23:30	1.43	30.2
2021-04-06 01:23:40	1.28	30.5
2021-04-06 01:23:50	1.12	30.2
2021-04-06 01:24:00	1.49	30.3
2021-04-06 01:24:10	1.16	30.5
2021-04-06 01:24:20	1.49	30.2
2021-04-06 01:24:30	1.27	30.3
2021-04-06 01:24:40	1.11	30.1
2021-04-06 01:24:50	0.98	30.1
2021-04-06 01:25:00	1.21	30.2
2021-04-06 01:25:10	1.13	30.2
2021-04-06 01:25:20	1.09	30.0
2021-04-06 01:25:30	1.05	34.3
2021-04-06 01:25:40	0.92	30.1
2021-04-06 01:25:50	1.00	30.2
2021-04-06 01:26:00	0.82	30.3
2021-04-06 01:26:10	0.91	30.2
2021-04-06 01:26:20	1.19	30.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-06 01:26:30	1.25	30.2
2021-04-06 01:26:40	1.31	30.3
2021-04-06 01:26:50	1.02	30.3
2021-04-06 01:27:00	1.28	30.2
2021-04-06 01:27:10	0.87	30.1
2021-04-06 01:27:20	0.64	30.0
2021-04-06 01:27:30	0.99	30.1
2021-04-06 01:27:40	1.14	30.1
2021-04-06 01:27:50	0.98	30.2
2021-04-06 01:28:00	1.10	30.0
2021-04-06 01:28:10	1.13	30.0
2021-04-06 01:28:20	0.69	30.1
2021-04-06 01:28:30	0.71	30.2
2021-04-06 01:28:40	1.19	30.1
2021-04-06 01:28:50	1.38	30.0
2021-04-06 01:29:00	0.78	30.1
2021-04-06 01:29:10	0.97	30.3
2021-04-06 01:29:20	1.38	30.1
2021-04-06 01:29:30	1.09	30.1
2021-04-06 01:29:40	1.16	30.3
2021-04-06 01:29:50	0.84	30.4
2021-04-06 01:30:00	0.89	30.2
2021-04-06 01:30:10	0.53	30.3
2021-04-06 01:30:20	0.93	30.3
2021-04-06 01:30:30	1.36	30.3
2021-04-06 02:03:00	1.45	33.5
2021-04-06 02:03:10	0.75	33.2
2021-04-06 02:03:20	1.09	33.2
2021-04-06 02:03:30	1.53	33.8
2021-04-06 02:03:40	0.76	33.9
2021-04-06 02:04:00	1.63	37.4
2021-04-06 02:06:00	1.26	33.6
2021-04-06 02:06:10	1.15	33.3
2021-04-06 02:06:20	0.68	33.3
2021-04-06 02:06:30	0.59	33.0
2021-04-06 02:06:40	1.20	33.2
2021-04-06 02:06:50	1.36	33.4
2021-04-06 02:07:00	1.16	30.4
2021-04-06 02:07:10	0.73	33.9
2021-04-06 02:07:20	0.73	33.1
2021-04-06 02:07:30	1.49	33.5
2021-04-06 02:07:40	1.32	33.4
2021-04-06 02:07:50	1.44	33.1
2021-04-06 02:08:00	1.33	33.2
2021-04-06 02:08:10	1.31	33.2
2021-04-06 02:08:20	1.48	33.2
2021-04-06 02:08:30	1.80	32.9
2021-04-06 02:08:40	1.39	32.8
2021-04-06 02:08:50	1.25	33.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-06 02:09:00	1.38	32.8
2021-04-06 02:09:10	1.26	32.6
2021-04-06 02:09:20	1.08	32.8
2021-04-06 02:09:30	0.69	33.1
2021-04-06 02:09:40	1.55	33.5
2021-04-06 02:09:50	1.93	33.4
2021-04-06 02:10:00	1.00	32.9
2021-04-06 02:10:10	0.63	32.8
2021-04-06 02:10:20	1.01	33.1
2021-04-06 02:10:30	1.69	32.9
2021-04-06 02:10:40	1.15	33.1
2021-04-06 02:10:50	1.02	33.3
2021-04-06 02:11:00	1.00	33.0
2021-04-06 02:11:10	1.15	32.9
2021-04-06 02:11:20	1.20	33.9
2021-04-06 02:11:30	1.41	33.4
2021-04-06 02:11:40	1.74	33.3
2021-04-06 02:11:50	2.12	33.0
2021-04-06 02:12:00	1.06	33.0
2021-04-06 02:12:10	0.81	33.0
2021-04-06 02:12:20	1.24	32.9
2021-04-06 02:12:30	1.26	32.5
2021-04-06 02:12:40	0.57	32.7
2021-04-06 02:12:50	1.11	32.7
2021-04-06 02:13:00	1.16	32.9
2021-04-06 02:13:10	0.95	33.1
2021-04-06 02:13:20	1.19	33.2
2021-04-06 02:13:30	1.23	33.1
2021-04-06 02:13:40	0.97	33.4
2021-04-06 02:13:50	1.10	34.6
2021-04-06 02:15:30	1.20	34.9
2021-04-06 02:15:50	0.98	34.9
2021-04-06 02:16:00	1.35	34.2
2021-04-06 02:16:10	1.38	31.3
2021-04-06 02:16:20	1.49	30.8
2021-04-06 02:16:30	1.17	33.6
2021-04-06 02:16:40	1.07	33.6
2021-04-06 02:16:50	1.14	33.6
2021-04-06 02:17:00	1.40	31.0
2021-04-06 02:17:10	0.87	30.7
2021-04-06 02:17:20	1.91	33.2
2021-04-06 02:17:30	1.57	33.0
2021-04-06 02:17:40	1.25	33.8
2021-04-06 02:17:50	1.38	34.2
2021-04-06 02:18:00	1.88	35.1
2021-04-06 02:20:30	0.97	34.5
2021-04-06 02:20:40	0.89	33.5
2021-04-06 02:21:00	0.58	32.6
2021-04-06 02:21:10	1.54	32.4

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-06 02:21:20	1.03	32.2
2021-04-06 02:21:30	0.99	32.3
2021-04-06 02:21:40	1.67	32.2
2021-04-06 02:21:50	1.43	32.3
2021-04-06 02:22:00	1.72	32.5
2021-04-06 02:22:10	0.99	32.7
2021-04-06 02:22:20	0.97	33.3
2021-04-06 02:22:30	0.83	33.5
2021-04-06 02:22:40	0.98	33.7
2021-04-06 02:22:50	0.57	33.7
2021-04-06 02:23:00	0.87	33.9
2021-04-06 02:23:10	1.27	35.6
2021-04-06 02:24:30	0.89	33.4
2021-04-06 02:24:40	1.37	33.0
2021-04-06 02:24:50	1.93	33.3
2021-04-06 02:25:00	1.78	33.1
2021-04-06 02:25:10	1.87	33.4
2021-04-06 02:25:20	1.85	33.6
2021-04-06 02:25:30	1.70	33.3
2021-04-06 02:25:40	1.53	32.6
2021-04-06 02:25:50	0.71	32.6
2021-04-06 02:26:00	1.43	33.4
2021-04-06 02:26:10	1.71	33.0
2021-04-06 02:26:20	2.08	34.2
2021-04-06 02:26:30	1.76	34.1
2021-04-06 02:26:40	1.19	34.8
2021-04-06 02:28:00	1.05	33.1
2021-04-06 02:28:10	0.84	33.2
2021-04-06 02:28:20	1.76	33.4
2021-04-06 02:28:30	1.50	32.9
2021-04-06 02:28:40	1.02	33.2
2021-04-06 02:28:50	1.30	33.0
2021-04-06 02:29:00	2.16	32.9
2021-04-06 02:29:10	1.44	33.0
2021-04-06 02:29:20	1.19	33.4
2021-04-06 02:29:30	1.62	33.4
2021-04-06 02:29:40	1.74	33.4
2021-04-06 02:29:50	1.08	33.4
2021-04-06 02:30:00	1.31	33.1
2021-04-06 02:30:10	0.82	33.3
2021-04-06 02:30:20	1.44	33.2
2021-04-06 03:02:50	0.52	34.2
2021-04-06 03:03:00	0.69	34.0
2021-04-06 03:03:10	0.59	32.8
2021-04-06 03:03:20	0.67	32.3
2021-04-06 03:03:50	0.77	33.2
2021-04-06 03:05:30	1.13	32.4
2021-04-06 03:05:40	1.13	32.0
2021-04-06 03:05:50	0.79	31.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-06 03:06:00	0.55	31.6
2021-04-06 03:06:10	0.86	31.5
2021-04-06 03:06:20	0.95	31.5
2021-04-06 03:06:30	1.04	31.4
2021-04-06 03:06:40	1.00	31.3
2021-04-06 03:06:50	0.82	31.6
2021-04-06 03:07:00	0.52	35.1
2021-04-06 03:08:10	0.54	31.8
2021-04-06 03:08:20	0.83	31.3
2021-04-06 03:08:30	1.35	31.3
2021-04-06 03:08:40	1.23	31.7
2021-04-06 03:08:50	1.27	31.8
2021-04-06 03:09:00	1.07	32.9
2021-04-06 03:09:10	0.90	33.1
2021-04-06 03:09:20	0.91	32.4
2021-04-06 03:09:50	0.70	31.4
2021-04-06 03:10:10	0.69	31.4
2021-04-06 03:10:20	1.04	31.1
2021-04-06 03:10:30	0.66	31.4
2021-04-06 03:10:40	0.83	31.6
2021-04-06 03:10:50	0.76	31.5
2021-04-06 03:11:00	0.91	31.3
2021-04-06 03:11:10	0.98	31.2
2021-04-06 03:11:20	1.13	31.1
2021-04-06 03:11:30	0.75	31.1
2021-04-06 03:11:40	0.67	31.1
2021-04-06 03:11:50	0.60	31.1
2021-04-06 03:12:00	0.89	31.1
2021-04-06 03:12:10	1.20	31.1
2021-04-06 03:12:20	0.86	31.0
2021-04-06 03:12:30	1.13	31.1
2021-04-06 03:12:40	1.16	31.0
2021-04-06 03:12:50	1.05	30.9
2021-04-06 03:13:00	0.89	31.6
2021-04-06 03:13:10	1.12	31.7
2021-04-06 03:13:20	1.60	31.3
2021-04-06 03:13:30	1.60	31.2
2021-04-06 03:13:40	1.23	31.4
2021-04-06 03:13:50	2.04	31.3
2021-04-06 03:14:00	1.37	31.2
2021-04-06 03:14:10	0.81	31.4
2021-04-06 03:14:20	0.76	31.1
2021-04-06 03:14:30	1.00	31.1
2021-04-06 03:14:40	1.09	31.4
2021-04-06 03:14:50	1.25	31.3
2021-04-06 03:15:00	1.06	31.3
2021-04-06 03:15:10	1.35	31.4
2021-04-06 03:15:20	0.66	31.6
2021-04-06 03:15:30	0.60	31.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-06 03:15:40	1.16	31.5
2021-04-06 03:15:50	1.06	31.6
2021-04-06 03:16:00	1.36	31.6
2021-04-06 03:16:10	1.52	31.7
2021-04-06 03:16:20	0.97	31.5
2021-04-06 03:16:30	0.85	31.7
2021-04-06 03:16:40	1.13	34.0
2021-04-06 03:18:00	0.75	35.3
2021-04-06 03:18:10	0.87	33.9
2021-04-06 03:18:20	1.17	33.0
2021-04-06 03:18:30	1.19	32.6
2021-04-06 03:18:40	0.90	32.7
2021-04-06 03:18:50	1.04	32.0
2021-04-06 03:19:00	0.75	32.2
2021-04-06 03:19:10	1.28	31.7
2021-04-06 03:19:20	0.94	31.8
2021-04-06 03:19:30	0.66	31.6
2021-04-06 03:19:40	0.99	31.7
2021-04-06 03:19:50	0.75	31.7
2021-04-06 03:20:10	1.02	31.5
2021-04-06 03:20:20	1.45	31.8
2021-04-06 03:20:30	1.19	31.9
2021-04-06 03:20:40	0.86	31.7
2021-04-06 03:20:50	1.20	31.5
2021-04-06 03:21:00	1.26	31.6
2021-04-06 03:21:10	1.10	31.4
2021-04-06 03:21:20	1.24	31.3
2021-04-06 03:21:30	0.91	31.2
2021-04-06 03:21:40	0.78	31.2
2021-04-06 03:21:50	0.96	31.5
2021-04-06 03:22:00	1.15	31.4
2021-04-06 03:22:10	1.12	31.3
2021-04-06 03:22:20	1.30	31.3
2021-04-06 03:22:30	1.16	31.4
2021-04-06 03:22:40	0.97	31.4
2021-04-06 03:22:50	0.89	31.3
2021-04-06 03:23:00	0.92	31.5
2021-04-06 03:23:10	0.96	31.7
2021-04-06 03:23:20	1.01	31.7
2021-04-06 03:23:30	0.84	31.5
2021-04-06 03:23:40	1.15	31.5
2021-04-06 03:23:50	0.66	31.7
2021-04-06 03:24:00	1.29	31.6
2021-04-06 03:24:10	1.42	31.5
2021-04-06 03:24:20	1.41	31.5
2021-04-06 03:24:30	2.02	31.5
2021-04-06 03:24:40	1.52	31.5
2021-04-06 03:24:50	1.27	31.3
2021-04-06 03:25:00	1.46	31.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-06 03:25:20	0.80	31.2
2021-04-06 03:25:30	1.05	31.1
2021-04-06 03:25:40	1.22	31.0
2021-04-06 03:25:50	0.90	31.3
2021-04-06 03:26:00	0.81	31.4
2021-04-06 03:26:10	1.11	31.4
2021-04-06 03:26:20	1.51	31.7
2021-04-06 03:26:30	0.93	31.9
2021-04-06 03:26:40	0.67	32.1
2021-04-06 03:26:50	1.02	32.1
2021-04-06 03:27:00	1.13	31.8
2021-04-06 03:27:10	0.92	31.5
2021-04-06 03:27:20	0.75	31.8
2021-04-06 03:27:30	1.11	32.1
2021-04-06 03:27:40	1.04	31.7
2021-04-06 03:27:50	1.46	31.6
2021-04-06 03:28:00	1.20	31.7
2021-04-06 03:28:10	0.87	31.8
2021-04-06 03:28:20	1.14	31.5
2021-04-06 03:28:30	1.16	31.3
2021-04-06 03:28:40	1.18	31.2
2021-04-06 03:28:50	0.98	31.5
2021-04-06 03:29:00	1.25	31.4
2021-04-06 03:29:10	1.36	31.5
2021-04-06 03:29:20	1.27	31.7
2021-04-06 03:29:30	1.57	31.5
2021-04-06 03:29:40	0.96	31.8
2021-04-06 03:29:50	0.90	31.8
2021-04-06 03:30:00	1.20	33.3
2021-04-06 03:30:10	0.97	32.2
2021-04-06 03:30:20	1.18	35.1
2021-04-06 03:30:30	1.51	31.8
2021-04-06 04:03:10	1.56	35.0
2021-04-06 04:03:30	1.25	35.1
2021-04-06 04:06:30	1.15	34.8
2021-04-06 04:06:40	1.08	33.8
2021-04-06 04:06:50	1.34	33.7
2021-04-06 04:07:00	1.77	33.5
2021-04-06 04:07:10	1.44	32.9
2021-04-06 04:07:20	1.71	33.0
2021-04-06 04:07:30	0.68	33.6
2021-04-06 04:07:40	0.74	33.2
2021-04-06 04:07:50	1.77	32.4
2021-04-06 04:08:00	1.96	32.5
2021-04-06 04:08:10	1.59	33.0
2021-04-06 04:09:10	0.65	34.7
2021-04-06 04:09:20	0.56	34.4
2021-04-06 04:09:30	1.00	33.5
2021-04-06 04:09:40	1.22	32.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-06 04:09:50	1.56	32.6
2021-04-06 04:10:00	1.37	32.0
2021-04-06 04:10:10	1.97	32.0
2021-04-06 04:10:20	0.95	32.5
2021-04-06 04:10:30	0.81	32.7
2021-04-06 04:10:40	0.98	32.9
2021-04-06 04:10:50	1.21	32.1
2021-04-06 04:11:00	1.06	32.8
2021-04-06 04:11:10	0.90	32.1
2021-04-06 04:11:20	0.87	32.8
2021-04-06 04:11:50	0.77	32.8
2021-04-06 04:12:00	1.40	33.1
2021-04-06 04:12:10	1.20	33.0
2021-04-06 04:12:20	1.43	32.4
2021-04-06 04:12:30	1.21	33.3
2021-04-06 04:12:40	0.58	32.9
2021-04-06 04:12:50	0.58	31.9
2021-04-06 04:13:00	0.52	32.1
2021-04-06 04:13:50	0.64	31.8
2021-04-06 04:14:00	0.85	32.1
2021-04-06 04:14:10	0.59	31.7
2021-04-06 04:14:20	0.61	31.8
2021-04-06 04:14:30	0.81	31.8
2021-04-06 04:14:40	0.50	31.6
2021-04-06 04:15:00	0.62	31.7
2021-04-06 04:15:10	0.86	31.9
2021-04-06 04:15:20	1.39	31.9
2021-04-06 04:15:30	0.80	32.0
2021-04-06 04:16:00	0.56	34.9
2021-04-06 04:17:30	0.78	33.5
2021-04-06 04:17:40	0.74	33.3
2021-04-06 04:17:50	0.97	33.4
2021-04-06 04:22:00	0.56	32.2
2021-04-06 04:24:50	0.53	33.2
2021-04-06 04:25:00	0.66	33.7
2021-04-06 04:26:10	0.62	32.9
2021-04-06 04:27:40	0.71	35.6
2021-04-06 04:27:50	0.77	34.3
2021-04-06 04:28:00	0.52	34.4
2021-04-06 04:28:30	0.87	34.3
2021-04-06 04:28:40	0.89	33.7
2021-04-06 04:28:50	0.52	33.5
2021-04-06 04:29:00	0.94	33.9
2021-04-06 22:02:10	2.09	30.9
2021-04-06 22:02:20	1.46	30.9
2021-04-06 22:02:30	1.84	31.0
2021-04-06 22:02:40	1.72	31.2
2021-04-06 22:02:50	1.62	30.8
2021-04-06 22:03:00	1.60	30.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-06 22:03:10	1.91	30.8
2021-04-06 22:03:20	1.54	30.7
2021-04-06 22:03:30	1.21	30.9
2021-04-06 22:03:40	1.89	30.7
2021-04-06 22:03:50	1.74	30.9
2021-04-06 22:04:00	0.91	31.0
2021-04-06 22:04:10	0.74	31.0
2021-04-06 22:04:20	2.03	30.7
2021-04-06 22:04:30	1.72	30.7
2021-04-06 22:04:40	1.53	30.7
2021-04-06 22:04:50	1.75	30.8
2021-04-06 22:05:00	2.11	30.9
2021-04-06 22:05:10	2.01	30.9
2021-04-06 22:05:20	1.74	30.8
2021-04-06 22:05:30	1.85	30.9
2021-04-06 22:05:40	1.41	30.9
2021-04-06 22:05:50	2.03	31.0
2021-04-06 22:06:00	2.46	30.9
2021-04-06 22:06:10	2.29	31.0
2021-04-06 22:06:20	1.34	31.0
2021-04-06 22:06:30	1.87	31.1
2021-04-06 22:06:40	1.84	31.3
2021-04-06 22:06:50	1.68	31.4
2021-04-06 22:07:00	1.58	31.4
2021-04-06 22:07:10	2.13	31.1
2021-04-06 22:07:20	3.05	31.0
2021-04-06 22:07:30	2.09	31.2
2021-04-06 22:07:40	2.45	31.1
2021-04-06 22:07:50	2.31	31.2
2021-04-06 22:08:00	1.64	31.2
2021-04-06 22:08:10	1.62	31.1
2021-04-06 22:08:20	1.82	31.2
2021-04-06 22:08:30	2.09	31.2
2021-04-06 22:08:40	2.13	31.5
2021-04-06 22:08:50	1.71	32.3
2021-04-06 22:09:00	2.57	31.7
2021-04-06 22:09:10	1.86	32.7
2021-04-06 22:09:20	1.72	31.7
2021-04-06 22:09:30	1.07	32.5
2021-04-06 22:09:40	0.90	32.5
2021-04-06 22:09:50	1.75	32.2
2021-04-06 22:10:00	1.85	31.6
2021-04-06 22:10:10	1.09	31.4
2021-04-06 22:10:20	1.43	31.4
2021-04-06 22:10:30	1.74	31.6
2021-04-06 22:10:40	1.66	31.6
2021-04-06 22:10:50	1.81	32.6
2021-04-06 22:11:00	2.95	32.1
2021-04-06 22:11:10	2.73	32.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-06 22:11:20	2.11	33.1
2021-04-06 22:12:50	2.01	31.6
2021-04-06 22:13:00	0.66	32.1
2021-04-06 22:13:10	1.11	32.1
2021-04-06 22:13:20	2.04	31.6
2021-04-06 22:13:30	1.84	31.5
2021-04-06 22:13:40	1.98	31.6
2021-04-06 22:13:50	1.83	32.0
2021-04-06 22:14:00	1.20	32.1
2021-04-06 22:14:10	1.28	32.8
2021-04-06 22:14:20	1.48	33.1
2021-04-06 22:14:30	3.16	32.7
2021-04-06 22:14:40	2.18	32.6
2021-04-06 22:14:50	0.88	32.3
2021-04-06 22:15:00	1.39	32.1
2021-04-06 22:15:10	0.61	31.7
2021-04-06 22:15:20	0.77	31.8
2021-04-06 22:15:30	1.52	31.8
2021-04-06 22:15:40	1.37	32.0
2021-04-06 22:15:50	0.88	31.7
2021-04-06 22:16:00	1.03	31.8
2021-04-06 22:16:10	1.82	32.5
2021-04-06 22:16:20	2.72	32.2
2021-04-06 22:16:30	2.25	32.4
2021-04-06 22:16:40	1.85	32.3
2021-04-06 22:16:50	2.90	31.9
2021-04-06 22:17:00	1.71	31.2
2021-04-06 22:17:10	1.39	31.2
2021-04-06 22:17:20	2.79	31.4
2021-04-06 22:17:30	1.56	31.5
2021-04-06 22:17:40	1.73	32.1
2021-04-06 22:17:50	1.28	31.9
2021-04-06 22:18:00	0.69	32.5
2021-04-06 22:18:10	0.68	33.9
2021-04-06 22:19:50	1.52	35.6
2021-04-06 22:20:00	1.55	31.6
2021-04-06 22:20:10	2.01	31.6
2021-04-06 22:20:20	3.31	31.4
2021-04-06 22:20:30	2.05	31.5
2021-04-06 22:20:40	1.98	36.0
2021-04-06 22:21:40	1.20	34.7
2021-04-06 22:21:50	1.37	33.7
2021-04-06 22:22:00	1.68	34.8
2021-04-06 22:22:10	2.27	36.9
2021-04-06 22:22:30	2.57	38.9
2021-04-06 22:23:20	2.02	31.0
2021-04-06 22:23:30	1.99	31.0
2021-04-06 22:23:40	1.74	31.1
2021-04-06 22:23:50	1.32	31.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-06 22:24:00	1.55	31.2
2021-04-06 22:24:10	0.95	31.6
2021-04-06 22:24:20	1.62	31.6
2021-04-06 22:24:30	1.18	32.2
2021-04-06 22:24:40	2.03	32.2
2021-04-06 22:24:50	2.44	31.3
2021-04-06 22:25:00	1.63	31.0
2021-04-06 22:25:10	1.19	31.3
2021-04-06 22:25:20	0.92	31.2
2021-04-06 22:25:30	0.67	31.0
2021-04-06 22:25:40	1.56	30.9
2021-04-06 22:25:50	2.08	31.6
2021-04-06 22:26:00	1.72	32.4
2021-04-06 22:26:10	1.95	33.0
2021-04-06 22:26:20	1.15	34.5
2021-04-06 22:27:50	1.30	32.4
2021-04-06 22:28:00	1.38	31.0
2021-04-06 22:28:10	1.40	31.0
2021-04-06 22:29:10	0.65	35.6
2021-04-06 22:29:20	0.61	32.8
2021-04-06 22:29:30	0.67	32.0
2021-04-06 22:29:40	0.58	31.4
2021-04-06 22:29:50	1.08	31.4
2021-04-06 22:30:10	0.67	31.2
2021-04-06 22:30:20	0.71	31.0
2021-04-06 22:30:30	0.56	31.1
2021-04-06 23:02:20	0.59	34.2
2021-04-06 23:02:30	0.60	34.1
2021-04-06 23:03:00	1.23	34.3
2021-04-06 23:03:10	0.80	33.9
2021-04-06 23:03:20	0.79	34.4
2021-04-06 23:03:50	0.94	33.7
2021-04-06 23:04:40	0.88	34.2
2021-04-06 23:04:50	0.54	34.2
2021-04-06 23:05:00	0.69	34.2
2021-04-06 23:05:10	0.63	34.4
2021-04-06 23:05:20	0.64	34.2
2021-04-06 23:05:30	0.90	34.5
2021-04-06 23:05:50	0.71	35.0
2021-04-06 23:06:00	0.86	35.5
2021-04-06 23:07:30	1.19	34.7
2021-04-06 23:07:40	0.91	34.7
2021-04-06 23:07:50	1.36	35.1
2021-04-06 23:08:00	1.42	35.0
2021-04-06 23:08:10	1.41	34.5
2021-04-06 23:08:20	1.24	34.8
2021-04-06 23:08:30	0.77	34.7
2021-04-06 23:08:40	0.86	34.5
2021-04-06 23:08:50	0.90	34.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-06 23:10:50	0.86	35.0
2021-04-06 23:11:00	1.45	35.6
2021-04-06 23:11:10	1.18	35.3
2021-04-06 23:11:20	1.18	35.1
2021-04-06 23:11:30	1.05	35.1
2021-04-06 23:11:40	1.22	35.4
2021-04-06 23:11:50	1.35	35.2
2021-04-06 23:12:00	1.06	35.3
2021-04-06 23:12:10	0.80	34.9
2021-04-06 23:12:20	1.04	35.0
2021-04-06 23:12:30	1.38	35.5
2021-04-06 23:12:40	1.49	35.3
2021-04-06 23:12:50	1.47	35.7
2021-04-06 23:13:00	0.85	35.6
2021-04-06 23:13:10	0.76	35.4
2021-04-06 23:13:20	0.82	35.2
2021-04-06 23:13:40	0.71	35.0
2021-04-06 23:13:50	0.98	35.3
2021-04-06 23:14:00	1.00	35.3
2021-04-06 23:14:10	0.67	35.2
2021-04-06 23:14:20	0.85	35.1
2021-04-06 23:14:30	0.62	35.2
2021-04-06 23:14:40	0.82	35.2
2021-04-06 23:14:50	1.25	35.1
2021-04-06 23:15:10	1.09	35.4
2021-04-06 23:15:20	1.25	35.3
2021-04-06 23:15:30	1.13	34.8
2021-04-06 23:15:40	1.53	35.1
2021-04-06 23:15:50	1.44	34.6
2021-04-06 23:16:00	1.13	34.1
2021-04-06 23:16:10	0.95	34.6
2021-04-06 23:16:20	1.04	34.8
2021-04-06 23:16:30	0.81	35.3
2021-04-06 23:19:10	1.84	36.3
2021-04-06 23:19:20	2.10	35.7
2021-04-06 23:19:30	1.24	35.6
2021-04-06 23:19:50	1.23	35.4
2021-04-06 23:20:00	1.34	35.4
2021-04-06 23:20:10	1.22	35.5
2021-04-06 23:20:50	0.75	35.3
2021-04-06 23:21:00	1.16	35.3
2021-04-06 23:21:10	0.96	35.4
2021-04-06 23:21:20	0.85	35.0
2021-04-06 23:21:30	0.56	35.3
2021-04-06 23:21:40	0.71	35.2
2021-04-06 23:21:50	0.77	35.3
2021-04-06 23:22:00	0.59	35.0
2021-04-06 23:22:10	1.03	35.3
2021-04-06 23:22:30	0.64	35.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-06 23:22:40	1.53	35.5
2021-04-06 23:22:50	1.20	35.3
2021-04-06 23:23:00	2.34	35.0
2021-04-06 23:23:10	1.41	35.1
2021-04-06 23:23:20	1.69	35.1
2021-04-06 23:23:30	1.01	35.2
2021-04-06 23:23:40	1.23	35.5
2021-04-06 23:23:50	2.13	35.5
2021-04-06 23:24:00	1.80	35.3
2021-04-06 23:24:10	1.23	35.1
2021-04-06 23:24:20	1.60	35.1
2021-04-06 23:24:30	0.88	35.5
2021-04-06 23:24:40	1.10	35.2
2021-04-06 23:24:50	1.56	35.2
2021-04-06 23:25:00	1.52	35.6
2021-04-06 23:25:10	1.82	35.4
2021-04-06 23:25:20	2.51	36.0
2021-04-06 23:25:30	1.52	36.1
2021-04-06 23:25:40	1.72	37.1
2021-04-06 23:25:50	1.43	36.8
2021-04-06 23:26:10	1.24	35.6
2021-04-06 23:26:40	1.44	35.9
2021-04-06 23:26:50	1.95	35.9
2021-04-06 23:28:50	0.84	35.6
2021-04-06 23:29:10	0.61	35.6
2021-04-06 23:29:20	1.11	35.4
2021-04-06 23:29:40	0.97	35.2
2021-04-06 23:29:50	1.30	35.5
2021-04-06 23:30:10	0.75	35.2
2021-04-06 23:30:20	0.97	35.3
2021-04-06 23:30:30	0.58	35.3
2021-04-07 00:02:30	1.68	34.0
2021-04-07 00:02:50	1.48	34.6
2021-04-07 00:03:10	1.67	34.2
2021-04-07 00:03:20	1.78	34.1
2021-04-07 00:03:50	1.73	33.9
2021-04-07 00:04:00	1.62	33.9
2021-04-07 00:04:10	1.06	33.8
2021-04-07 00:04:50	1.53	35.2
2021-04-07 00:05:00	1.12	35.5
2021-04-07 00:05:10	2.15	35.3
2021-04-07 00:05:30	1.67	34.4
2021-04-07 00:06:00	1.96	34.4
2021-04-07 00:06:30	1.71	37.2
2021-04-07 00:07:50	1.92	35.2
2021-04-07 00:08:00	1.54	34.7
2021-04-07 00:08:10	1.14	34.6
2021-04-07 00:10:10	2.31	33.7
2021-04-07 00:10:20	1.95	34.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-07 00:10:30	1.30	34.0
2021-04-07 00:10:40	1.22	34.2
2021-04-07 00:10:50	0.96	34.9
2021-04-07 00:11:00	0.95	35.5
2021-04-07 00:11:20	1.35	35.3
2021-04-07 00:12:00	1.29	34.3
2021-04-07 00:12:10	1.69	34.2
2021-04-07 00:12:20	2.07	34.1
2021-04-07 00:12:40	1.57	33.7
2021-04-07 00:13:10	1.19	34.1
2021-04-07 00:13:20	1.04	34.6
2021-04-07 00:13:40	2.22	34.3
2021-04-07 00:13:50	0.83	34.4
2021-04-07 00:14:00	1.64	34.6
2021-04-07 00:14:20	0.80	34.3
2021-04-07 00:14:30	1.14	34.6
2021-04-07 00:15:00	2.01	34.6
2021-04-07 00:16:00	2.38	34.5
2021-04-07 00:19:00	2.29	37.6
2021-04-07 00:19:30	1.66	36.3
2021-04-07 01:02:30	1.38	35.2
2021-04-07 01:02:40	1.77	35.2
2021-04-07 01:02:50	0.99	35.2
2021-04-07 01:03:10	1.53	34.9
2021-04-07 01:03:20	1.41	35.1
2021-04-07 01:03:50	1.78	35.0
2021-04-07 01:05:00	0.84	34.8
2021-04-07 01:05:20	0.85	35.2
2021-04-07 01:05:30	1.17	35.1
2021-04-07 01:05:50	2.24	34.9
2021-04-07 01:06:00	1.15	35.1
2021-04-07 01:06:20	1.42	35.3
2021-04-07 01:06:40	0.78	34.9
2021-04-07 01:06:50	0.81	34.7
2021-04-07 01:07:40	1.67	34.8
2021-04-07 01:08:00	1.75	35.0
2021-04-07 01:08:10	1.30	34.8
2021-04-07 01:08:20	1.39	34.9
2021-04-07 01:08:30	1.99	35.0
2021-04-07 01:08:40	1.74	35.6
2021-04-07 01:09:00	1.83	35.4
2021-04-07 01:10:30	0.73	35.1
2021-04-07 01:10:50	1.35	34.5
2021-04-07 01:11:00	1.11	34.8
2021-04-07 01:11:30	1.44	35.2
2021-04-07 01:11:40	1.61	35.3
2021-04-07 01:11:50	1.03	34.7
2021-04-07 01:12:10	1.48	34.4
2021-04-07 01:12:20	1.40	34.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-07 01:13:20	1.48	34.6
2021-04-07 01:13:40	2.00	34.5
2021-04-07 01:13:50	2.04	35.1
2021-04-07 01:14:20	0.75	34.5
2021-04-07 01:14:40	1.69	34.5
2021-04-07 01:14:50	1.97	34.1
2021-04-07 01:15:20	1.53	34.8
2021-04-07 01:15:30	1.49	34.4
2021-04-07 01:15:50	0.82	34.2
2021-04-07 01:16:00	0.96	34.4
2021-04-07 01:16:30	1.66	34.4
2021-04-07 01:17:00	1.26	35.0
2021-04-07 01:17:10	1.68	34.8
2021-04-07 01:17:30	1.26	34.9
2021-04-07 01:19:20	2.18	34.7
2021-04-07 01:20:00	1.71	37.4
2021-04-07 01:20:30	2.52	35.9
2021-04-07 01:23:20	1.15	34.6
2021-04-07 01:23:40	3.16	34.4
2021-04-07 01:24:10	1.93	34.6
2021-04-07 01:24:20	1.97	34.8
2021-04-07 01:24:30	1.35	34.3
2021-04-07 01:25:10	2.18	34.3
2021-04-07 01:25:30	0.84	34.6
2021-04-07 01:26:00	2.13	34.6
2021-04-07 01:26:10	2.06	34.6
2021-04-07 01:26:40	1.96	34.0
2021-04-07 01:27:20	1.53	35.2
2021-04-07 01:27:30	2.17	34.9
2021-04-07 01:27:40	1.90	34.6
2021-04-07 01:27:50	1.53	34.2
2021-04-07 01:28:20	1.47	35.1
2021-04-07 01:28:50	1.63	34.3
2021-04-07 01:29:00	2.05	34.5
2021-04-07 01:29:10	2.93	34.6
2021-04-07 01:29:20	3.37	34.5
2021-04-07 01:29:30	1.92	34.6
2021-04-07 01:29:40	2.77	34.6
2021-04-07 01:29:50	2.10	34.7
2021-04-07 01:30:30	2.20	34.2
2021-04-07 02:07:20	2.41	34.7
2021-04-07 02:07:30	2.83	36.3
2021-04-07 02:12:20	1.54	34.0
2021-04-07 02:12:30	2.12	34.0
2021-04-07 02:12:40	2.35	34.4
2021-04-07 02:13:10	2.33	34.6
2021-04-07 02:13:40	2.19	34.4
2021-04-07 02:13:50	1.80	34.8
2021-04-07 02:15:50	2.95	34.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-07 02:20:40	2.52	38.8
2021-04-07 02:22:20	2.09	34.4
2021-04-07 02:28:40	2.13	35.1
2021-04-07 02:28:50	1.37	34.8
2021-04-07 02:29:50	1.72	34.8
2021-04-07 02:30:00	1.85	35.0
2021-04-07 03:02:30	2.75	33.6
2021-04-07 03:02:40	2.22	34.1
2021-04-07 03:02:50	2.23	34.7
2021-04-07 03:03:00	2.35	34.3
2021-04-07 03:03:10	2.75	34.0
2021-04-07 03:03:20	2.53	34.0
2021-04-07 03:03:30	2.14	34.5
2021-04-07 03:03:40	1.44	33.7
2021-04-07 03:03:50	1.37	33.5
2021-04-07 03:04:00	1.74	34.0
2021-04-07 03:04:10	1.19	33.8
2021-04-07 03:04:20	1.76	33.8
2021-04-07 03:04:30	2.69	33.7
2021-04-07 03:04:40	2.45	33.8
2021-04-07 03:04:50	2.98	34.1
2021-04-07 03:05:10	2.13	33.6
2021-04-07 03:05:20	1.64	33.8
2021-04-07 03:05:30	2.47	34.3
2021-04-07 03:05:40	3.08	34.2
2021-04-07 03:05:50	2.29	34.7
2021-04-07 03:06:00	1.71	34.3
2021-04-07 03:06:10	2.26	33.8
2021-04-07 03:06:20	2.42	33.6
2021-04-07 03:06:30	3.02	33.8
2021-04-07 03:06:40	2.83	34.2
2021-04-07 03:06:50	3.95	34.9
2021-04-07 03:07:00	3.23	34.8
2021-04-07 03:07:10	3.88	36.4
2021-04-07 03:07:20	2.94	39.2
2021-04-07 03:08:10	2.29	35.2
2021-04-07 03:08:20	2.63	34.3
2021-04-07 03:08:30	2.85	34.3
2021-04-07 03:08:40	2.96	34.6
2021-04-07 03:09:00	2.73	35.2
2021-04-07 03:09:10	3.56	35.3
2021-04-07 03:09:30	3.07	34.4
2021-04-07 03:09:40	3.10	35.0
2021-04-07 03:09:50	2.52	34.8
2021-04-07 03:10:10	2.46	34.7
2021-04-07 03:10:20	2.11	34.1
2021-04-07 03:10:40	2.96	34.6
2021-04-07 03:10:50	2.24	34.1
2021-04-07 03:11:00	1.83	34.4

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-07 03:11:20	2.25	35.0
2021-04-07 03:11:30	2.84	34.5
2021-04-07 03:12:00	2.46	34.3
2021-04-07 03:12:20	2.37	34.3
2021-04-07 03:12:40	2.09	33.7
2021-04-07 03:13:00	2.95	35.0
2021-04-07 03:13:30	2.10	37.1
2021-04-07 03:14:00	2.72	35.3
2021-04-07 03:14:10	2.52	34.7
2021-04-07 03:14:40	3.15	34.6
2021-04-07 03:14:50	2.26	34.6
2021-04-07 03:15:00	1.95	34.9
2021-04-07 03:15:10	2.41	34.4
2021-04-07 03:15:20	1.75	34.2
2021-04-07 03:15:40	2.73	34.1
2021-04-07 03:16:10	1.61	34.3
2021-04-07 03:16:20	1.96	34.1
2021-04-07 03:16:40	2.56	34.3
2021-04-07 03:16:50	3.47	34.2
2021-04-07 03:17:10	1.83	34.0
2021-04-07 03:17:20	2.38	33.7
2021-04-07 03:17:40	2.47	33.6
2021-04-07 03:17:50	2.08	34.0
2021-04-07 03:18:00	1.75	33.9
2021-04-07 03:18:20	1.60	33.7
2021-04-07 03:18:30	2.30	33.9
2021-04-07 03:18:50	2.09	34.9
2021-04-07 03:19:00	3.11	34.3
2021-04-07 03:19:20	2.41	34.0
2021-04-07 03:19:30	2.65	34.1
2021-04-07 03:19:40	1.93	34.7
2021-04-07 03:20:00	2.73	33.8
2021-04-07 03:20:30	3.30	34.5
2021-04-07 03:20:40	2.23	34.3
2021-04-07 03:20:50	3.03	34.6
2021-04-07 03:21:10	2.62	34.4
2021-04-07 03:21:20	2.20	34.6
2021-04-07 03:22:00	2.73	37.1
2021-04-07 03:22:50	2.62	36.9
2021-04-07 03:23:00	2.38	37.4
2021-04-07 03:23:10	2.92	39.2
2021-04-07 03:23:50	3.68	39.5
2021-04-07 03:24:20	2.32	37.5
2021-04-07 03:26:00	2.51	38.7
2021-04-07 03:26:10	2.65	39.2
2021-04-07 03:26:20	3.03	37.8
2021-04-07 03:26:30	2.19	35.5
2021-04-07 03:26:50	2.70	35.3
2021-04-07 03:27:00	2.70	35.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-07 03:27:10	2.76	34.9
2021-04-07 03:27:30	2.73	34.6
2021-04-07 03:27:40	2.53	34.9
2021-04-07 03:27:50	3.02	34.3
2021-04-07 03:28:00	2.67	34.3
2021-04-07 03:28:10	2.50	34.6
2021-04-07 03:28:20	2.35	34.5
2021-04-07 03:28:50	1.96	34.8
2021-04-07 03:29:00	2.08	34.6
2021-04-07 03:29:10	2.60	34.5
2021-04-07 03:29:30	2.53	34.8
2021-04-07 03:29:40	2.73	34.7
2021-04-07 03:29:50	2.24	35.2
2021-04-07 03:30:00	2.79	34.5
2021-04-07 03:30:30	3.70	35.3
2021-04-07 04:02:30	1.78	36.4
2021-04-07 04:02:50	1.80	34.6
2021-04-07 04:03:10	1.65	34.7
2021-04-07 04:03:20	1.73	35.0
2021-04-07 04:03:30	2.02	35.7
2021-04-07 04:03:40	2.53	36.9
2021-04-07 04:04:00	2.40	35.4
2021-04-07 04:04:10	2.23	34.6
2021-04-07 04:04:20	1.84	34.8
2021-04-07 04:07:00	2.09	36.5
2021-04-07 04:07:10	2.07	35.4
2021-04-07 04:07:20	2.35	35.0
2021-04-07 04:07:30	2.14	34.5
2021-04-07 04:07:50	2.20	34.0
2021-04-07 04:08:00	1.28	33.9
2021-04-07 04:08:10	1.29	33.6
2021-04-07 04:08:20	3.21	34.4
2021-04-07 04:08:30	2.58	34.3
2021-04-07 04:08:40	1.89	34.3
2021-04-07 04:08:50	1.76	33.9
2021-04-07 04:09:00	1.50	33.8
2021-04-07 04:09:10	2.05	34.1
2021-04-07 04:09:20	1.63	34.4
2021-04-07 04:09:30	1.62	34.4
2021-04-07 04:09:40	1.90	34.5
2021-04-07 04:09:50	1.84	34.4
2021-04-07 04:10:00	2.34	34.7
2021-04-07 04:10:20	1.08	34.3
2021-04-07 04:10:30	1.69	34.7
2021-04-07 04:10:40	1.80	34.3
2021-04-07 04:10:50	2.34	34.9
2021-04-07 04:11:10	1.23	34.6
2021-04-07 04:11:20	2.44	35.1
2021-04-07 04:11:30	2.45	35.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-07 04:11:40	1.74	36.3
2021-04-07 04:13:00	1.74	35.3
2021-04-07 04:14:10	2.05	37.1
2021-04-07 04:14:30	1.85	35.0
2021-04-07 04:14:40	2.06	34.8
2021-04-07 04:14:50	3.33	35.0
2021-04-07 04:15:00	2.42	34.9
2021-04-07 04:15:10	2.67	34.7
2021-04-07 04:15:20	1.89	34.7
2021-04-07 04:15:50	1.85	35.6
2021-04-07 04:16:00	2.47	37.2
2021-04-07 04:16:10	2.03	37.4
2021-04-07 04:16:40	1.06	34.8
2021-04-07 04:16:50	1.95	34.3
2021-04-07 04:18:50	2.10	35.3
2021-04-07 04:19:00	2.18	35.5
2021-04-07 04:19:30	0.62	35.3
2021-04-07 04:23:50	2.71	35.4
2021-04-07 04:24:00	2.26	36.1
2021-04-07 04:24:10	2.16	35.7
2021-04-07 04:24:20	2.05	35.6
2021-04-07 04:24:30	2.14	35.7
2021-04-07 04:26:10	2.23	34.8
2021-04-07 04:27:00	2.70	35.8
2021-04-07 04:27:10	1.83	35.3
2021-04-07 04:27:30	1.97	34.7
2021-04-07 04:27:40	1.51	34.3
2021-04-07 04:27:50	1.41	34.1
2021-04-07 04:28:00	2.00	34.7
2021-04-07 04:28:30	2.30	34.4
2021-04-07 04:28:40	1.45	34.9
2021-04-07 04:28:50	1.63	34.0
2021-04-07 04:29:00	2.18	34.0
2021-04-07 04:29:10	1.62	33.7
2021-04-07 04:29:40	1.88	34.5
2021-04-07 04:29:50	2.77	34.3
2021-04-07 04:30:00	1.55	34.1
2021-04-07 04:30:10	1.33	34.0
2021-04-07 04:30:20	1.70	34.1
2021-04-07 22:03:30	2.29	37.0
2021-04-07 22:03:40	1.91	36.3
2021-04-07 22:03:50	2.43	36.2
2021-04-07 22:04:00	1.97	37.4
2021-04-07 22:04:10	1.51	37.7
2021-04-07 22:04:20	3.45	37.5
2021-04-07 22:04:30	2.19	36.9
2021-04-07 22:04:40	2.05	36.5
2021-04-07 22:04:50	1.97	37.1
2021-04-07 22:05:00	2.62	37.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-07 22:06:30	3.14	39.8
2021-04-07 22:07:40	2.89	36.9
2021-04-07 22:08:00	2.09	35.9
2021-04-07 22:08:10	3.02	36.6
2021-04-07 22:08:30	2.09	36.8
2021-04-07 22:08:40	2.57	38.5
2021-04-07 22:10:00	1.80	37.6
2021-04-07 22:10:10	1.91	36.5
2021-04-07 22:10:30	2.22	38.3
2021-04-07 22:10:40	3.46	36.6
2021-04-07 22:10:50	3.15	36.2
2021-04-07 22:11:00	2.73	36.0
2021-04-07 22:11:10	2.67	38.0
2021-04-07 22:11:20	4.27	39.3
2021-04-07 22:12:30	4.29	41.8
2021-04-07 22:12:50	3.67	36.8
2021-04-07 22:13:00	2.89	36.1
2021-04-07 22:13:10	3.04	37.2
2021-04-07 22:13:20	2.99	37.4
2021-04-07 22:13:30	2.79	37.4
2021-04-07 22:13:40	2.68	36.5
2021-04-07 22:13:50	2.27	35.4
2021-04-07 22:14:00	1.51	35.7
2021-04-07 22:14:10	3.12	36.4
2021-04-07 22:14:20	2.57	37.2
2021-04-07 22:14:30	2.38	36.1
2021-04-07 22:14:40	1.84	37.2
2021-04-07 22:15:40	2.18	37.8
2021-04-07 22:15:50	2.32	37.9
2021-04-07 22:16:10	3.27	36.5
2021-04-07 22:16:20	3.02	36.6
2021-04-07 22:16:30	2.68	36.8
2021-04-07 22:16:40	2.85	36.4
2021-04-07 22:16:50	2.43	36.2
2021-04-07 22:17:00	2.33	36.9
2021-04-07 22:17:10	2.25	36.3
2021-04-07 22:17:20	2.39	36.0
2021-04-07 22:17:30	2.48	35.9
2021-04-07 22:17:50	4.32	37.0
2021-04-07 22:18:00	3.42	36.8
2021-04-07 22:18:10	2.28	36.2
2021-04-07 22:18:20	3.79	36.5
2021-04-07 22:19:20	2.09	38.2
2021-04-07 22:19:30	2.31	36.4
2021-04-07 22:19:40	2.34	37.0
2021-04-07 22:20:00	2.10	35.4
2021-04-07 22:20:10	2.43	35.4
2021-04-07 22:20:30	2.36	35.8
2021-04-07 22:20:40	2.23	35.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-07 22:20:50	2.91	35.8
2021-04-07 22:21:00	2.05	35.5
2021-04-07 22:21:10	1.90	35.4
2021-04-07 22:21:20	3.02	36.4
2021-04-07 22:21:30	3.16	35.2
2021-04-07 22:21:40	2.28	36.1
2021-04-07 22:22:00	1.94	35.7
2021-04-07 22:22:20	2.04	36.4
2021-04-07 22:22:30	2.40	35.9
2021-04-07 22:22:40	2.85	38.4
2021-04-07 22:22:50	3.52	38.0
2021-04-07 22:23:00	2.78	35.4
2021-04-07 22:23:10	1.72	36.8
2021-04-07 22:24:40	3.69	38.4
2021-04-07 22:24:50	3.68	37.8
2021-04-07 22:25:00	2.70	38.6
2021-04-07 22:26:30	1.74	37.8
2021-04-07 22:26:40	2.32	37.8
2021-04-07 22:27:00	2.67	36.1
2021-04-07 22:27:10	2.94	35.4
2021-04-07 22:27:30	1.97	35.2
2021-04-07 22:29:10	1.53	38.1
2021-04-07 23:03:30	1.78	36.9
2021-04-07 23:03:40	3.10	35.9
2021-04-07 23:03:50	2.15	36.7
2021-04-07 23:04:10	1.98	36.1
2021-04-07 23:04:20	2.14	35.5
2021-04-07 23:04:30	3.95	35.1
2021-04-07 23:04:40	3.62	35.2
2021-04-07 23:04:50	3.08	34.5
2021-04-07 23:05:10	2.71	35.5
2021-04-07 23:05:20	1.83	34.8
2021-04-07 23:05:30	2.38	34.6
2021-04-07 23:05:40	2.33	36.0
2021-04-07 23:05:50	2.23	35.9
2021-04-07 23:06:00	1.83	36.6
2021-04-07 23:06:10	2.61	35.6
2021-04-07 23:06:20	1.96	34.3
2021-04-07 23:06:30	1.07	35.2
2021-04-07 23:06:40	0.94	35.4
2021-04-07 23:06:50	1.39	35.6
2021-04-07 23:07:00	1.85	36.1
2021-04-07 23:07:10	1.59	36.3
2021-04-07 23:07:30	2.24	35.8
2021-04-07 23:07:40	2.05	35.7
2021-04-07 23:07:50	1.93	35.3
2021-04-07 23:08:00	1.74	34.8
2021-04-07 23:08:10	2.07	34.3
2021-04-07 23:08:20	2.69	34.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-07 23:08:50	1.57	35.1
2021-04-07 23:09:00	2.64	34.4
2021-04-07 23:09:30	2.13	35.3
2021-04-07 23:09:40	1.45	35.5
2021-04-07 23:10:10	1.81	35.7
2021-04-07 23:10:20	1.95	36.3
2021-04-07 23:10:30	1.60	35.6
2021-04-07 23:10:40	1.35	35.6
2021-04-07 23:10:50	1.97	34.6
2021-04-07 23:11:10	2.09	36.8
2021-04-07 23:11:30	2.03	35.6
2021-04-07 23:11:50	1.37	35.7
2021-04-07 23:12:00	1.97	35.7
2021-04-07 23:12:10	3.55	35.3
2021-04-07 23:12:20	2.81	35.9
2021-04-07 23:12:30	2.47	35.7
2021-04-07 23:12:50	2.26	34.9
2021-04-07 23:13:00	2.03	35.3
2021-04-07 23:13:30	2.36	34.4
2021-04-07 23:13:50	2.30	36.0
2021-04-07 23:14:10	1.45	35.6
2021-04-07 23:14:20	0.59	34.9
2021-04-07 23:14:40	1.70	35.4
2021-04-07 23:16:10	2.24	35.6
2021-04-07 23:16:20	1.56	35.3
2021-04-07 23:16:30	1.64	35.0
2021-04-07 23:16:50	1.26	35.2
2021-04-07 23:17:00	1.82	36.4
2021-04-07 23:17:20	1.97	35.3
2021-04-07 23:18:00	2.35	35.7
2021-04-07 23:18:10	0.66	35.5
2021-04-07 23:18:30	2.98	36.4
2021-04-07 23:19:30	1.58	37.5
2021-04-07 23:19:40	1.52	37.0
2021-04-07 23:20:20	2.93	36.8
2021-04-07 23:20:30	4.13	35.4
2021-04-07 23:20:40	1.54	35.7
2021-04-07 23:21:30	0.99	35.4
2021-04-07 23:21:40	0.79	36.4
2021-04-07 23:22:30	2.76	35.8
2021-04-07 23:23:00	3.16	36.1
2021-04-07 23:23:10	3.02	35.8
2021-04-07 23:23:30	2.14	35.8
2021-04-07 23:23:40	2.09	36.7
2021-04-07 23:24:00	2.79	38.2
2021-04-07 23:25:40	2.40	36.0
2021-04-07 23:25:50	2.71	37.9
2021-04-07 23:26:00	3.10	37.4
2021-04-07 23:26:20	2.45	36.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-07 23:29:00	2.88	38.5
2021-04-07 23:29:10	1.95	37.2
2021-04-07 23:29:20	1.51	36.7
2021-04-07 23:29:30	1.52	36.4
2021-04-07 23:30:10	1.22	35.6
2021-04-07 23:30:30	2.56	36.6
2021-04-07 23:52:00	1.55	36.8
2021-04-07 23:52:30	2.76	36.2
2021-04-07 23:52:40	3.70	36.2
2021-04-07 23:54:00	2.33	38.5
2021-04-07 23:54:10	2.68	38.7
2021-04-07 23:54:30	2.76	39.2
2021-04-07 23:54:40	3.04	36.6
2021-04-07 23:54:50	2.49	37.8
2021-04-07 23:55:00	3.13	39.2
2021-04-07 23:55:20	3.35	37.1
2021-04-07 23:55:40	2.12	36.7
2021-04-07 23:55:50	2.16	37.0
2021-04-07 23:56:10	2.13	36.3
2021-04-07 23:56:20	1.62	36.9
2021-04-07 23:57:00	2.83	35.9
2021-04-07 23:58:30	1.62	35.9
2021-04-07 23:58:40	1.68	36.7
2021-04-07 23:58:50	2.12	37.1
2021-04-07 23:59:30	2.11	36.7
2021-04-07 23:59:40	1.84	36.2
2021-04-07 23:59:50	1.63	37.1
2021-04-08 00:00:00	2.14	37.0
2021-04-08 00:00:30	1.54	37.8
2021-04-08 00:01:00	2.20	37.8
2021-04-08 00:01:10	3.68	38.1
2021-04-08 00:01:30	3.43	39.7
2021-04-08 00:02:40	2.00	36.8
2021-04-08 00:02:50	2.67	36.8
2021-04-08 00:03:00	1.70	36.9
2021-04-08 00:03:10	2.30	36.5
2021-04-08 00:03:20	2.57	36.6
2021-04-08 00:03:30	2.38	37.2
2021-04-08 00:03:40	3.75	36.9
2021-04-08 00:04:00	2.22	37.1
2021-04-08 00:04:10	2.83	37.2
2021-04-08 00:04:30	3.55	37.5
2021-04-08 00:04:50	3.28	37.1
2021-04-08 00:05:00	1.70	36.7
2021-04-08 00:05:30	2.96	36.7
2021-04-08 00:06:00	1.74	36.7
2021-04-08 00:06:10	1.65	36.7
2021-04-08 00:06:40	2.24	37.5
2021-04-08 00:06:50	2.44	37.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-08 00:08:40	3.10	38.9
2021-04-08 00:08:50	2.82	38.0
2021-04-08 00:10:50	2.98	37.4
2021-04-08 00:11:00	2.21	36.8
2021-04-08 00:11:10	2.28	37.6
2021-04-08 00:12:30	2.01	36.7
2021-04-08 00:12:40	1.93	36.8
2021-04-08 00:13:10	3.18	36.7
2021-04-08 00:14:00	3.47	38.1
2021-04-08 00:14:20	3.47	38.2
2021-04-08 00:14:30	3.41	39.7
2021-04-08 00:17:10	3.32	39.5
2021-04-08 00:18:00	3.84	38.1
2021-04-08 00:18:20	5.44	37.6
2021-04-08 00:18:50	3.65	38.1
2021-04-08 00:19:10	3.19	38.2
2021-04-08 00:19:20	2.91	38.8
2021-04-08 00:19:50	1.98	37.7
2021-04-08 00:20:00	3.50	37.4
2021-04-08 00:20:10	3.54	38.0
2021-04-08 00:20:30	3.54	37.2
2021-04-08 00:20:40	2.37	36.5
2021-04-08 00:21:10	2.94	37.3
2021-04-08 00:21:20	3.28	36.2
2021-04-08 00:21:40	3.24	38.0
2021-04-08 00:22:00	2.32	37.4
2021-04-08 00:22:20	3.89	37.1
2021-04-08 00:23:00	2.52	38.0
2021-04-08 00:23:20	3.97	39.0
2021-04-08 00:23:30	4.29	38.7
2021-04-08 00:24:00	3.67	37.2
2021-04-08 00:24:20	3.56	38.5
2021-04-08 00:24:30	3.97	37.5
2021-04-08 00:25:00	3.28	37.5
2021-04-08 00:25:10	2.27	37.7
2021-04-08 00:25:30	3.46	37.7
2021-04-08 00:27:20	2.73	39.9
2021-04-08 00:28:40	2.59	37.6
2021-04-08 00:28:50	2.67	38.5
2021-04-08 00:29:00	3.54	41.4
2021-04-08 01:02:50	2.27	37.5
2021-04-08 01:03:00	2.05	38.2
2021-04-08 01:04:20	2.94	36.7
2021-04-08 01:04:50	0.56	38.4
2021-04-08 01:05:10	3.32	39.8
2021-04-08 01:05:20	1.44	38.6
2021-04-08 01:05:50	1.58	37.6
2021-04-08 01:06:50	2.42	38.6
2021-04-08 01:07:30	2.52	36.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-08 01:07:50	2.67	39.4
2021-04-08 01:08:00	3.20	37.6
2021-04-08 01:08:10	2.55	36.8
2021-04-08 01:08:50	3.59	39.4
2021-04-08 01:09:00	2.53	38.1
2021-04-08 01:10:30	3.62	38.8
2021-04-08 01:11:00	3.87	36.5
2021-04-08 01:11:10	2.80	36.6
2021-04-08 01:11:20	3.48	36.8
2021-04-08 01:11:30	4.00	37.6
2021-04-08 01:12:30	3.86	42.3
2021-04-08 01:13:40	1.67	37.3
2021-04-08 01:14:20	1.94	37.0
2021-04-08 01:14:40	1.89	36.1
2021-04-08 01:15:20	2.18	38.0
2021-04-08 01:15:30	2.30	37.2
2021-04-08 01:15:50	1.59	36.4
2021-04-08 01:16:00	2.12	35.7
2021-04-08 01:16:50	3.36	39.9
2021-04-08 01:17:20	3.94	41.5
2021-04-08 01:18:20	3.16	38.4
2021-04-08 01:18:40	2.18	37.8
2021-04-08 01:18:50	3.27	37.6
2021-04-08 01:19:00	3.68	37.0
2021-04-08 01:19:10	2.67	36.6
2021-04-08 01:19:30	1.92	37.8
2021-04-08 01:19:40	3.25	37.3
2021-04-08 01:19:50	3.64	36.5
2021-04-08 01:20:00	1.82	37.2
2021-04-08 01:20:10	3.12	37.8
2021-04-08 01:20:20	2.25	37.1
2021-04-08 01:20:30	3.65	37.5
2021-04-08 01:20:40	3.46	38.7
2021-04-08 01:21:00	3.24	38.4
2021-04-08 01:21:10	3.94	36.6
2021-04-08 01:21:30	2.10	36.5
2021-04-08 01:22:00	1.58	37.8
2021-04-08 01:22:20	2.49	38.5
2021-04-08 01:22:30	3.10	38.9
2021-04-08 01:22:40	2.59	37.0
2021-04-08 01:23:20	2.27	38.6
2021-04-08 01:24:10	1.85	36.0
2021-04-08 01:24:20	1.89	36.3
2021-04-08 01:25:20	1.83	36.7
2021-04-08 01:25:30	2.18	37.1
2021-04-08 01:25:50	3.41	36.1
2021-04-08 01:26:00	2.78	36.9
2021-04-08 01:26:10	2.52	37.0
2021-04-08 01:27:00	4.06	36.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-08 01:27:30	2.62	36.0
2021-04-08 01:27:40	1.93	36.9
2021-04-08 01:28:00	2.18	36.9
2021-04-08 01:28:10	2.28	37.0
2021-04-08 01:28:50	2.21	38.0
2021-04-08 01:29:20	2.67	37.7
2021-04-08 01:29:30	2.39	38.2
2021-04-08 01:30:00	5.27	36.8
2021-04-08 01:30:20	2.15	36.6
2021-04-08 01:30:30	3.46	37.7
2021-04-08 02:02:30	2.22	35.1
2021-04-08 02:04:40	1.62	36.6
2021-04-08 02:04:50	2.14	36.7
2021-04-08 02:05:10	1.89	36.3
2021-04-08 02:05:20	0.77	34.9
2021-04-08 02:05:30	2.44	35.1
2021-04-08 02:06:00	1.82	35.2
2021-04-08 02:06:30	0.99	35.4
2021-04-08 02:07:10	3.45	37.0
2021-04-08 02:07:20	2.70	37.9
2021-04-08 02:09:30	2.47	36.7
2021-04-08 02:10:00	3.49	38.0
2021-04-08 02:10:10	2.12	37.9
2021-04-08 02:11:20	4.80	36.3
2021-04-08 02:11:30	3.38	35.8
2021-04-08 02:11:40	1.69	35.3
2021-04-08 02:12:00	1.50	35.3
2021-04-08 02:12:10	2.14	36.4
2021-04-08 02:12:20	2.16	36.7
2021-04-08 02:12:40	3.28	36.8
2021-04-08 02:13:10	1.61	36.1
2021-04-08 02:13:20	2.82	35.8
2021-04-08 02:13:30	2.29	35.9
2021-04-08 02:13:40	2.02	36.0
2021-04-08 02:14:50	2.42	37.7
2021-04-08 02:15:00	2.07	36.9
2021-04-08 02:15:10	3.07	37.0
2021-04-08 02:15:20	2.08	37.0
2021-04-08 02:15:30	2.50	36.4
2021-04-08 02:15:50	2.56	36.2
2021-04-08 02:16:00	1.62	35.7
2021-04-08 02:16:10	1.92	36.1
2021-04-08 02:16:20	2.67	35.6
2021-04-08 02:16:30	1.57	36.1
2021-04-08 02:16:40	2.13	37.0
2021-04-08 02:17:00	2.36	37.2
2021-04-08 02:17:10	2.45	37.0
2021-04-08 02:17:20	3.08	35.7
2021-04-08 02:17:40	2.24	37.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-08 02:18:20	2.47	35.3
2021-04-08 02:18:30	1.80	35.7
2021-04-08 02:18:40	2.63	35.0
2021-04-08 02:18:50	2.33	36.6
2021-04-08 02:19:00	1.85	35.8
2021-04-08 02:19:30	0.50	35.4
2021-04-08 02:19:40	2.14	35.9
2021-04-08 02:19:50	2.20	36.5
2021-04-08 02:20:00	2.87	36.7
2021-04-08 02:20:10	1.88	36.9
2021-04-08 02:20:20	1.56	36.2
2021-04-08 02:20:40	2.38	36.9
2021-04-08 02:20:50	3.93	37.1
2021-04-08 02:21:10	1.80	36.6
2021-04-08 02:21:20	2.74	35.8
2021-04-08 02:21:50	2.02	37.2
2021-04-08 02:22:00	2.14	38.1
2021-04-08 02:22:10	3.86	37.7
2021-04-08 02:22:20	2.53	37.3
2021-04-08 02:22:30	1.69	37.7
2021-04-08 02:22:50	4.03	39.4
2021-04-08 02:23:50	1.75	37.5
2021-04-08 02:24:00	2.10	36.5
2021-04-08 02:25:00	2.27	37.2
2021-04-08 02:25:10	1.75	37.3
2021-04-08 02:25:20	2.99	37.3
2021-04-08 02:25:30	2.37	37.2
2021-04-08 02:25:50	3.00	36.8
2021-04-08 02:26:00	0.85	37.2
2021-04-08 02:26:30	1.64	36.4
2021-04-08 02:26:40	1.57	36.8
2021-04-08 02:27:00	1.86	36.6
2021-04-08 02:27:20	1.60	36.7
2021-04-08 02:27:40	1.97	36.3
2021-04-08 02:27:50	2.29	36.7
2021-04-08 02:28:00	3.13	35.9
2021-04-08 02:28:10	1.70	35.7
2021-04-08 02:28:20	2.24	36.6
2021-04-08 02:28:40	2.11	36.1
2021-04-08 02:29:30	3.51	35.5
2021-04-08 02:29:50	3.27	36.2
2021-04-08 02:30:10	2.79	37.1
2021-04-08 02:30:20	2.76	37.3
2021-04-08 03:02:30	2.01	36.9
2021-04-08 03:02:40	3.65	37.6
2021-04-08 03:02:50	2.50	36.8
2021-04-08 03:03:20	1.76	36.7
2021-04-08 03:03:30	2.62	35.8
2021-04-08 03:03:40	2.64	35.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-08 03:03:50	2.74	36.2
2021-04-08 03:04:00	1.67	36.2
2021-04-08 03:05:00	3.15	35.8
2021-04-08 03:05:10	2.93	35.8
2021-04-08 03:05:20	2.65	36.1
2021-04-08 03:05:30	2.44	35.9
2021-04-08 03:05:40	1.33	35.6
2021-04-08 03:06:00	2.37	35.0
2021-04-08 03:06:10	2.07	36.6
2021-04-08 03:06:30	1.08	35.7
2021-04-08 03:06:40	4.10	36.7
2021-04-08 03:06:50	2.27	36.5
2021-04-08 03:07:00	1.75	36.6
2021-04-08 03:07:10	2.09	37.4
2021-04-08 03:07:20	3.88	37.6
2021-04-08 03:07:30	2.90	36.7
2021-04-08 03:07:40	2.74	36.3
2021-04-08 03:07:50	1.78	35.7
2021-04-08 03:08:10	1.67	36.2
2021-04-08 03:08:20	2.49	36.5
2021-04-08 03:08:30	1.97	35.5
2021-04-08 03:09:10	2.34	38.1
2021-04-08 03:09:20	4.61	36.4
2021-04-08 03:09:30	3.51	37.1
2021-04-08 03:09:40	1.93	37.5
2021-04-08 03:09:50	1.66	36.5
2021-04-08 03:10:00	2.49	36.3
2021-04-08 03:10:10	1.87	36.4
2021-04-08 03:10:30	3.74	37.9
2021-04-08 03:10:40	2.64	37.8
2021-04-08 03:10:50	2.95	38.3
2021-04-08 03:11:30	1.95	36.5
2021-04-08 03:11:50	3.58	35.7
2021-04-08 03:12:00	2.65	35.9
2021-04-08 03:12:10	2.76	36.7
2021-04-08 03:12:20	1.88	37.2
2021-04-08 03:13:00	2.55	37.0
2021-04-08 03:13:10	2.32	36.1
2021-04-08 03:13:20	2.59	36.7
2021-04-08 03:13:30	2.12	37.1
2021-04-08 03:13:40	2.44	36.8
2021-04-08 03:13:50	2.31	37.0
2021-04-08 03:14:30	2.79	35.9
2021-04-08 03:14:40	2.18	37.0
2021-04-08 03:14:50	2.16	37.7
2021-04-08 03:15:00	2.91	36.8
2021-04-08 03:15:10	4.32	36.2
2021-04-08 03:15:20	2.14	37.6
2021-04-08 03:15:50	2.05	36.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-08 03:16:30	2.76	39.5
2021-04-08 03:18:00	3.08	36.5
2021-04-08 03:18:10	2.02	36.5
2021-04-08 03:18:50	3.12	37.3
2021-04-08 03:19:00	3.10	38.6
2021-04-08 03:19:20	3.83	37.8
2021-04-08 03:19:40	3.76	37.0
2021-04-08 03:19:50	3.39	37.9
2021-04-08 03:20:30	2.28	37.6
2021-04-08 03:21:00	2.15	37.0
2021-04-08 03:21:10	1.72	36.9
2021-04-08 03:21:40	2.64	36.7
2021-04-08 03:21:50	1.73	37.3
2021-04-08 03:22:00	1.99	36.1
2021-04-08 03:22:10	2.15	37.7
2021-04-08 03:22:20	2.87	37.9
2021-04-08 03:22:30	3.31	38.2
2021-04-08 03:22:50	1.87	36.9
2021-04-08 03:23:20	2.32	36.9
2021-04-08 03:23:30	1.99	36.9
2021-04-08 03:23:40	2.40	36.2
2021-04-08 03:24:10	1.73	37.4
2021-04-08 03:24:20	2.69	37.6
2021-04-08 03:24:40	3.41	38.7
2021-04-08 03:24:50	2.87	38.7
2021-04-08 03:25:10	2.41	38.1
2021-04-08 03:25:20	2.89	37.3
2021-04-08 03:25:30	3.56	38.3
2021-04-08 03:25:50	3.58	36.7
2021-04-08 03:26:00	1.83	37.1
2021-04-08 03:26:10	1.58	36.6
2021-04-08 03:26:20	2.21	37.6
2021-04-08 03:26:30	1.83	36.2
2021-04-08 03:26:40	2.28	36.2
2021-04-08 03:27:00	1.87	36.1
2021-04-08 03:27:30	1.52	36.5
2021-04-08 03:27:40	1.60	37.7
2021-04-08 03:28:00	2.38	37.0
2021-04-08 03:28:10	3.60	36.9
2021-04-08 03:28:20	2.49	35.9
2021-04-08 03:28:30	2.74	36.6
2021-04-08 03:28:40	3.13	36.4
2021-04-08 03:28:50	2.87	36.2
2021-04-08 03:29:20	1.65	38.1
2021-04-08 03:29:40	2.15	37.0
2021-04-08 03:30:00	3.80	38.3
2021-04-08 03:30:10	2.63	37.0
2021-04-08 03:30:30	2.24	36.3
2021-04-08 03:30:40	1.78	37.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-08 04:02:50	2.25	38.6
2021-04-08 04:03:00	2.14	36.8
2021-04-08 04:03:10	3.03	38.3
2021-04-08 04:03:20	2.78	37.1
2021-04-08 04:03:30	2.40	36.5
2021-04-08 04:03:40	2.06	35.6
2021-04-08 04:03:50	1.40	35.6
2021-04-08 04:04:00	2.20	36.1
2021-04-08 04:04:10	2.34	36.0
2021-04-08 04:04:20	2.64	34.5
2021-04-08 04:04:30	1.92	34.6
2021-04-08 04:05:00	1.55	35.4
2021-04-08 04:05:10	2.24	36.9
2021-04-08 04:05:20	3.17	34.9
2021-04-08 04:05:30	3.04	34.5
2021-04-08 04:05:50	1.47	35.2
2021-04-08 04:06:00	2.41	34.4
2021-04-08 04:06:40	1.79	35.2
2021-04-08 04:07:00	1.99	36.1
2021-04-08 04:07:10	1.93	35.0
2021-04-08 04:07:20	2.68	34.9
2021-04-08 04:07:30	2.41	36.7
2021-04-08 04:08:40	2.51	36.9
2021-04-08 04:08:50	2.75	36.5
2021-04-08 04:09:00	2.59	35.5
2021-04-08 04:09:10	2.84	35.6
2021-04-08 04:09:30	1.54	35.6
2021-04-08 04:10:00	2.90	35.4
2021-04-08 04:10:30	2.07	34.6
2021-04-08 04:10:40	3.03	35.3
2021-04-08 04:11:00	2.11	35.3
2021-04-08 04:11:40	2.24	36.8
2021-04-08 04:12:00	2.03	38.2
2021-04-08 04:13:20	2.53	36.9
2021-04-08 04:13:30	1.62	35.2
2021-04-08 04:14:00	2.67	34.7
2021-04-08 04:14:10	1.45	34.8
2021-04-08 04:14:20	1.28	35.1
2021-04-08 04:14:30	1.22	35.2
2021-04-08 04:14:50	2.02	34.6
2021-04-08 04:15:00	1.66	36.2
2021-04-08 04:15:10	2.44	35.3
2021-04-08 04:15:20	1.69	35.4
2021-04-08 04:15:40	2.40	36.4
2021-04-08 04:15:50	2.67	36.7
2021-04-08 04:16:00	2.84	36.1
2021-04-08 04:16:10	2.68	36.2
2021-04-08 04:16:20	3.34	35.8
2021-04-08 04:16:30	2.31	35.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-08 04:16:50	2.36	36.0
2021-04-08 04:17:30	1.98	35.7
2021-04-08 04:19:00	1.98	36.8
2021-04-08 04:19:10	2.11	36.7
2021-04-08 04:19:20	2.76	38.0
2021-04-08 04:19:50	2.59	35.2
2021-04-08 04:20:30	1.99	35.4
2021-04-08 04:20:40	2.29	35.3
2021-04-08 04:21:00	2.92	35.9
2021-04-08 04:21:10	2.81	36.4
2021-04-08 04:21:20	2.28	35.9
2021-04-08 04:21:40	1.57	35.6
2021-04-08 04:21:50	2.23	36.6
2021-04-08 04:22:00	3.20	37.7
2021-04-08 04:22:10	2.66	37.4
2021-04-08 04:22:20	1.77	35.9
2021-04-08 04:22:30	1.65	36.0
2021-04-08 04:22:40	1.54	35.0
2021-04-08 04:22:50	2.91	35.2
2021-04-08 04:23:10	2.54	35.4
2021-04-08 04:23:20	2.84	36.3
2021-04-08 04:23:50	2.60	34.8
2021-04-08 04:24:00	2.29	35.8
2021-04-08 04:24:10	2.38	35.8
2021-04-08 04:24:20	2.05	35.7
2021-04-08 04:24:30	1.70	35.4
2021-04-08 04:24:40	2.82	35.9
2021-04-08 04:24:50	2.36	37.1
2021-04-08 04:25:00	3.21	37.3
2021-04-08 04:25:10	2.71	37.4
2021-04-08 04:25:20	2.66	36.8
2021-04-08 04:25:30	2.20	36.4
2021-04-08 04:25:40	2.72	35.8
2021-04-08 04:25:50	3.26	35.9
2021-04-08 04:26:00	2.61	35.7
2021-04-08 04:26:10	2.37	35.6
2021-04-08 04:26:20	1.36	36.1
2021-04-08 04:26:30	2.64	35.8
2021-04-08 04:26:40	3.10	36.3
2021-04-08 04:27:10	2.15	36.0
2021-04-08 04:27:20	2.70	35.8
2021-04-08 04:27:30	1.57	36.1
2021-04-08 04:27:50	2.11	36.3
2021-04-08 04:28:00	2.08	36.3
2021-04-08 04:28:10	2.55	36.5
2021-04-08 04:28:30	3.03	35.9
2021-04-08 04:28:40	1.61	36.2
2021-04-08 04:29:00	3.02	36.2
2021-04-08 04:29:10	2.76	36.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-08 04:29:20	2.40	37.1
2021-04-08 04:40:00	0.64	38.3
2021-04-08 04:40:40	0.92	34.8
2021-04-08 04:40:50	1.79	36.1
2021-04-08 04:41:00	2.99	35.9
2021-04-08 04:41:10	2.09	34.7
2021-04-08 04:41:20	2.00	35.7
2021-04-08 04:41:30	1.53	35.6
2021-04-08 04:41:40	1.79	35.2
2021-04-08 04:41:50	1.80	35.2
2021-04-08 04:42:00	2.43	35.5
2021-04-08 04:42:10	1.62	36.6
2021-04-08 04:42:20	1.32	34.9
2021-04-08 04:42:30	1.50	35.6
2021-04-08 04:42:40	2.39	35.4
2021-04-08 04:42:50	1.46	34.9
2021-04-08 04:43:00	1.61	34.4
2021-04-08 04:43:10	2.23	36.2
2021-04-08 04:43:20	1.47	35.7
2021-04-08 04:43:30	1.10	35.5
2021-04-08 04:43:40	0.94	35.4
2021-04-08 04:44:00	0.79	35.0
2021-04-08 04:44:10	0.98	35.2
2021-04-08 04:44:40	1.06	35.1
2021-04-08 04:44:50	1.64	35.2
2021-04-08 04:45:00	2.05	35.9
2021-04-08 04:45:20	2.11	35.4
2021-04-08 04:45:30	1.78	35.4
2021-04-08 04:45:40	2.27	35.0
2021-04-08 04:45:50	1.79	35.8
2021-04-08 04:46:10	1.08	34.4
2021-04-08 04:46:30	1.45	35.3
2021-04-08 04:46:50	1.66	35.0
2021-04-08 04:47:00	2.09	36.0
2021-04-08 04:47:10	1.71	35.8
2021-04-08 04:47:40	1.06	35.5
2021-04-08 04:47:50	1.70	35.6
2021-04-08 04:49:20	1.21	35.7
2021-04-08 04:49:30	0.91	35.2
2021-04-08 04:49:40	2.28	36.8
2021-04-08 04:51:50	2.64	37.8
2021-04-08 04:52:00	2.05	36.9
2021-04-08 04:53:00	1.90	36.6
2021-04-08 04:53:10	1.67	36.3
2021-04-08 04:53:20	2.17	35.6
2021-04-08 04:53:30	1.36	35.1
2021-04-08 04:53:40	1.63	34.4
2021-04-08 04:53:50	1.41	35.3
2021-04-08 04:54:00	1.82	34.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-08 04:54:10	2.29	35.6
2021-04-08 04:54:30	2.51	35.7
2021-04-08 04:54:50	1.84	37.1
2021-04-08 04:55:40	1.87	37.4
2021-04-08 04:55:50	2.59	38.0
2021-04-08 04:56:00	1.75	35.6
2021-04-08 04:56:10	1.85	35.2
2021-04-08 04:56:20	1.25	35.4
2021-04-08 04:56:30	1.06	35.7
2021-04-08 04:56:50	1.72	34.5
2021-04-08 22:03:00	4.61	41.2
2021-04-08 22:03:10	5.05	40.3
2021-04-08 22:03:50	4.66	42.1
2021-04-08 22:05:40	5.72	40.9
2021-04-08 22:07:40	2.34	38.7
2021-04-08 22:09:00	4.13	39.4
2021-04-08 22:09:10	4.99	40.2
2021-04-08 22:09:20	3.67	40.2
2021-04-08 22:09:30	2.48	41.2
2021-04-08 22:09:40	2.71	40.9
2021-04-08 22:12:00	4.36	39.0
2021-04-08 22:12:10	3.88	38.5
2021-04-08 22:12:20	4.16	40.4
2021-04-08 22:14:50	4.71	40.8
2021-04-08 22:15:00	4.23	38.9
2021-04-08 22:15:10	3.92	40.5
2021-04-08 22:15:30	4.11	39.2
2021-04-08 22:16:00	5.46	40.2
2021-04-08 22:16:10	3.59	39.1
2021-04-08 22:16:20	2.47	39.4
2021-04-08 22:16:30	3.75	39.9
2021-04-08 22:16:40	4.82	39.5
2021-04-08 22:16:50	4.91	39.1
2021-04-08 22:17:00	5.68	39.5
2021-04-08 22:17:30	3.84	39.6
2021-04-08 22:18:20	4.81	41.0
2021-04-08 22:18:40	1.85	40.8
2021-04-08 22:20:30	5.36	39.4
2021-04-08 22:21:30	6.29	38.7
2021-04-08 22:21:40	3.77	38.4
2021-04-08 22:21:50	2.48	37.7
2021-04-08 22:23:00	5.16	39.8
2021-04-08 22:23:10	3.03	40.4
2021-04-08 22:23:20	4.04	41.2
2021-04-08 22:23:30	4.79	42.2
2021-04-08 22:25:10	3.12	40.5
2021-04-08 22:25:20	2.38	39.4
2021-04-08 22:25:30	3.05	39.4
2021-04-08 22:25:50	1.71	39.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-08 22:26:00	2.25	39.9
2021-04-08 22:26:10	2.64	38.8
2021-04-08 22:26:20	3.28	37.6
2021-04-08 22:27:00	3.68	41.1
2021-04-08 22:27:10	5.81	39.9
2021-04-08 22:27:20	3.91	37.6
2021-04-08 22:27:30	4.22	41.1
2021-04-08 22:28:20	2.99	39.6
2021-04-08 22:28:40	3.91	39.8
2021-04-08 22:28:50	3.78	38.8
2021-04-08 22:29:00	3.61	40.3
2021-04-08 22:30:00	3.86	40.5
2021-04-08 22:30:10	2.75	40.1
2021-04-08 22:30:30	7.37	42.1
2021-04-08 22:30:40	5.40	37.6
2021-04-08 23:02:20	0.83	32.4
2021-04-08 23:02:30	1.71	33.4
2021-04-08 23:02:40	1.19	33.3
2021-04-08 23:02:50	2.07	32.8
2021-04-08 23:03:00	2.91	33.7
2021-04-08 23:03:10	2.07	33.7
2021-04-08 23:03:20	1.61	34.2
2021-04-08 23:03:40	3.37	34.2
2021-04-08 23:03:50	4.24	36.7
2021-04-08 23:04:00	5.16	40.5
2021-04-08 23:04:10	4.20	38.5
2021-04-08 23:04:20	3.46	39.5
2021-04-08 23:04:30	3.97	37.7
2021-04-08 23:04:50	4.70	41.5
2021-04-08 23:05:00	5.68	35.5
2021-04-08 23:05:10	3.98	33.6
2021-04-08 23:05:50	2.64	34.0
2021-04-08 23:06:00	2.35	34.6
2021-04-08 23:06:10	1.14	36.3
2021-04-08 23:06:20	2.41	34.2
2021-04-08 23:06:30	1.89	34.5
2021-04-08 23:06:50	0.75	33.6
2021-04-08 23:07:00	2.19	33.3
2021-04-08 23:07:10	2.66	36.0
2021-04-08 23:08:10	2.83	36.7
2021-04-08 23:08:20	1.66	34.0
2021-04-08 23:08:30	1.25	34.6
2021-04-08 23:08:40	1.10	34.5
2021-04-08 23:09:00	1.58	38.4
2021-04-08 23:10:10	1.11	35.3
2021-04-08 23:10:30	0.59	33.3
2021-04-08 23:10:40	0.71	33.1
2021-04-08 23:10:50	2.08	33.1
2021-04-08 23:11:00	1.96	32.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-08 23:11:10	1.03	32.1
2021-04-08 23:11:20	1.57	32.7
2021-04-08 23:11:30	2.32	33.3
2021-04-08 23:11:40	1.14	33.0
2021-04-08 23:11:50	1.81	33.4
2021-04-08 23:12:00	0.63	33.3
2021-04-08 23:12:10	0.85	34.5
2021-04-08 23:12:20	1.48	33.1
2021-04-08 23:12:50	1.67	31.9
2021-04-08 23:13:00	2.15	32.0
2021-04-08 23:13:10	1.39	31.5
2021-04-08 23:13:20	1.16	31.5
2021-04-08 23:13:30	1.25	31.5
2021-04-08 23:13:40	1.54	31.4
2021-04-08 23:13:50	1.97	31.4
2021-04-08 23:14:00	1.85	31.3
2021-04-08 23:14:10	1.61	31.2
2021-04-08 23:14:20	0.57	31.5
2021-04-08 23:14:50	0.74	31.7
2021-04-08 23:15:00	1.05	32.6
2021-04-08 23:15:20	1.39	33.1
2021-04-08 23:15:30	0.82	33.1
2021-04-08 23:15:40	0.90	33.2
2021-04-08 23:15:50	1.72	33.2
2021-04-08 23:16:00	0.94	33.2
2021-04-08 23:16:10	1.70	33.9
2021-04-08 23:16:20	2.35	36.9
2021-04-08 23:16:30	3.23	37.0
2021-04-08 23:16:40	2.53	33.2
2021-04-08 23:17:00	3.05	35.8
2021-04-08 23:17:10	2.86	38.4
2021-04-08 23:17:20	3.93	35.4
2021-04-08 23:17:30	4.16	37.7
2021-04-08 23:17:40	4.56	35.5
2021-04-08 23:17:50	4.18	35.4
2021-04-08 23:18:00	4.26	38.3
2021-04-08 23:18:10	4.48	39.3
2021-04-08 23:18:20	3.92	36.5
2021-04-08 23:18:30	4.24	36.7
2021-04-08 23:18:40	3.94	33.5
2021-04-08 23:18:50	3.71	33.3
2021-04-08 23:19:00	3.44	34.0
2021-04-08 23:19:10	3.30	32.0
2021-04-08 23:19:20	3.24	33.5
2021-04-08 23:19:30	3.42	32.2
2021-04-08 23:19:40	3.75	31.6
2021-04-08 23:19:50	2.84	32.0
2021-04-08 23:20:00	2.71	31.4
2021-04-08 23:20:10	2.28	31.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-08 23:20:20	2.73	34.1
2021-04-08 23:20:30	2.18	31.1
2021-04-08 23:20:40	1.63	31.2
2021-04-08 23:20:50	2.47	31.5
2021-04-08 23:21:00	2.34	31.4
2021-04-08 23:21:10	2.57	31.1
2021-04-08 23:21:20	1.38	31.4
2021-04-08 23:21:30	0.83	31.0
2021-04-08 23:21:40	1.69	31.2
2021-04-08 23:21:50	1.97	31.1
2021-04-08 23:22:00	1.46	31.0
2021-04-08 23:22:10	1.45	31.1
2021-04-08 23:22:20	1.40	31.5
2021-04-08 23:22:30	1.10	31.8
2021-04-08 23:22:40	1.56	32.3
2021-04-08 23:22:50	0.96	33.8
2021-04-08 23:23:50	0.83	34.1
2021-04-08 23:24:00	0.61	32.4
2021-04-08 23:24:40	0.76	31.3
2021-04-08 23:24:50	1.20	31.4
2021-04-08 23:25:00	0.77	31.0
2021-04-08 23:25:10	1.17	30.7
2021-04-08 23:25:20	0.89	31.0
2021-04-08 23:25:30	1.07	31.5
2021-04-08 23:25:40	0.75	31.5
2021-04-08 23:25:50	0.87	31.4
2021-04-08 23:26:30	0.96	33.4
2021-04-08 23:26:40	1.18	35.1
2021-04-08 23:27:00	0.98	34.6
2021-04-08 23:27:30	1.19	31.8
2021-04-08 23:27:40	1.49	31.2
2021-04-08 23:27:50	0.95	32.0
2021-04-08 23:28:00	1.01	31.1
2021-04-08 23:28:20	0.80	31.3
2021-04-08 23:28:30	1.37	31.9
2021-04-08 23:28:40	0.81	31.8
2021-04-08 23:28:50	1.20	32.4
2021-04-08 23:29:00	2.41	33.2
2021-04-08 23:29:10	2.59	32.1
2021-04-08 23:29:20	2.01	32.5
2021-04-08 23:29:30	1.78	33.4
2021-04-08 23:29:40	2.88	33.4
2021-04-08 23:29:50	3.04	35.0
2021-04-08 23:30:40	2.21	32.8
2021-04-08 23:30:50	1.74	33.1
2021-04-09 00:02:00	0.73	31.2
2021-04-09 00:02:10	0.76	31.0
2021-04-09 00:02:20	0.76	30.8
2021-04-09 00:02:30	0.97	31.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-09 00:02:40	0.95	31.2
2021-04-09 00:02:50	0.86	31.0
2021-04-09 00:03:00	0.58	31.0
2021-04-09 00:03:10	0.59	31.1
2021-04-09 00:03:30	0.93	31.2
2021-04-09 00:03:40	0.74	31.3
2021-04-09 00:04:10	0.57	31.2
2021-04-09 00:04:20	0.90	31.3
2021-04-09 00:04:30	0.71	31.0
2021-04-09 00:05:50	0.65	30.7
2021-04-09 00:06:00	0.73	30.8
2021-04-09 00:06:10	1.03	30.8
2021-04-09 00:06:20	1.53	30.9
2021-04-09 00:06:30	1.15	30.7
2021-04-09 00:06:40	0.89	30.7
2021-04-09 00:06:50	0.69	31.0
2021-04-09 00:07:00	1.29	30.9
2021-04-09 00:07:10	1.29	30.9
2021-04-09 00:07:20	1.18	30.9
2021-04-09 00:07:30	1.25	30.8
2021-04-09 00:07:40	0.61	30.8
2021-04-09 00:07:50	0.94	30.9
2021-04-09 00:08:00	1.09	30.9
2021-04-09 00:08:10	1.28	30.9
2021-04-09 00:08:20	0.94	30.8
2021-04-09 00:08:30	0.60	30.9
2021-04-09 00:08:40	0.54	30.8
2021-04-09 00:08:50	0.61	30.7
2021-04-09 00:09:00	0.76	30.8
2021-04-09 00:09:10	0.94	31.0
2021-04-09 00:09:20	0.64	30.9
2021-04-09 00:10:10	0.87	30.6
2021-04-09 00:10:20	0.92	30.7
2021-04-09 00:10:30	0.61	30.7
2021-04-09 00:10:40	0.53	30.9
2021-04-09 00:10:50	0.62	30.9
2021-04-09 00:11:40	0.58	31.4
2021-04-09 00:13:00	0.52	34.4
2021-04-09 00:13:10	0.75	32.3
2021-04-09 00:13:20	0.69	31.7
2021-04-09 00:13:30	0.59	32.7
2021-04-09 00:14:00	0.59	32.3
2021-04-09 00:14:10	0.66	32.8
2021-04-09 00:14:20	0.51	31.3
2021-04-09 00:14:40	0.50	31.1
2021-04-09 00:17:00	0.57	32.7
2021-04-09 00:17:10	0.66	32.7
2021-04-09 00:17:20	0.60	31.8
2021-04-09 00:17:30	0.62	31.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-09 00:17:40	0.60	31.4
2021-04-09 00:18:10	0.70	31.7
2021-04-09 00:18:20	0.73	31.7
2021-04-09 00:19:10	0.63	32.0
2021-04-09 00:19:50	0.52	30.9
2021-04-09 00:20:20	0.65	30.8
2021-04-09 00:20:30	0.50	31.0
2021-04-09 00:20:50	0.67	31.1
2021-04-09 00:21:00	0.54	31.1
2021-04-09 00:21:10	0.56	31.4
2021-04-09 00:21:40	0.67	31.2
2021-04-09 00:21:50	0.60	31.1
2021-04-09 00:22:20	0.62	30.9
2021-04-09 00:22:30	0.63	30.8
2021-04-09 00:22:40	0.56	31.0
2021-04-09 00:22:50	0.68	31.1
2021-04-09 00:23:00	0.70	30.9
2021-04-09 00:23:10	0.69	31.2
2021-04-09 00:23:20	0.81	31.2
2021-04-09 00:23:30	0.50	31.0
2021-04-09 00:23:40	0.59	30.8
2021-04-09 00:23:50	0.64	30.8
2021-04-09 00:24:00	0.54	30.9
2021-04-09 00:24:10	0.53	30.9
2021-04-09 00:24:30	0.90	30.9
2021-04-09 00:24:40	0.64	31.1
2021-04-09 00:26:00	0.50	30.7
2021-04-09 00:26:10	0.69	31.2
2021-04-09 00:26:20	0.59	31.6
2021-04-09 00:26:30	0.66	32.1
2021-04-09 00:26:40	0.51	32.1
2021-04-09 00:29:00	0.64	32.2
2021-04-09 00:29:10	0.55	31.5
2021-04-09 00:29:30	0.50	31.2
2021-04-09 00:29:50	0.64	31.0
2021-04-09 00:30:10	0.64	31.1
2021-04-09 00:30:20	0.60	31.1
2021-04-09 00:30:40	0.68	31.0
2021-04-09 00:30:50	0.53	33.1
2021-04-09 01:02:10	0.79	32.1
2021-04-09 01:02:20	1.01	32.2
2021-04-09 01:02:30	1.22	33.1
2021-04-09 01:02:40	0.93	32.8
2021-04-09 01:02:50	0.85	34.2
2021-04-09 01:03:30	1.05	35.0
2021-04-09 01:03:40	0.95	35.1
2021-04-09 01:05:10	1.23	35.0
2021-04-09 01:05:20	0.80	33.0
2021-04-09 01:05:30	0.75	33.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-09 01:05:40	0.68	31.9
2021-04-09 01:05:50	0.77	31.6
2021-04-09 01:06:00	0.78	31.3
2021-04-09 01:06:10	0.56	31.2
2021-04-09 01:06:30	0.52	30.8
2021-04-09 01:07:00	0.61	31.0
2021-04-09 01:07:10	0.75	30.9
2021-04-09 01:07:20	1.32	30.9
2021-04-09 01:07:30	0.67	31.0
2021-04-09 01:07:40	0.63	31.0
2021-04-09 01:07:50	0.66	30.9
2021-04-09 01:08:00	0.71	32.1
2021-04-09 01:08:10	1.04	32.2
2021-04-09 01:08:20	1.29	30.8
2021-04-09 01:08:30	0.88	30.9
2021-04-09 01:08:40	0.94	30.8
2021-04-09 01:08:50	0.91	30.8
2021-04-09 01:09:20	0.51	30.9
2021-04-09 01:09:30	0.68	31.0
2021-04-09 01:09:40	0.68	31.1
2021-04-09 01:09:50	0.60	31.2
2021-04-09 01:10:00	0.52	31.1
2021-04-09 01:10:10	0.62	32.2
2021-04-09 01:10:20	0.99	32.4
2021-04-09 01:10:30	2.03	31.7
2021-04-09 01:10:40	1.30	31.8
2021-04-09 01:10:50	1.01	33.0
2021-04-09 01:11:00	0.95	32.3
2021-04-09 01:11:10	1.28	32.7
2021-04-09 01:11:20	0.66	31.3
2021-04-09 01:11:40	0.68	31.3
2021-04-09 01:11:50	0.84	33.1
2021-04-09 01:12:50	0.62	35.3
2021-04-09 01:13:00	0.78	33.3
2021-04-09 01:14:10	0.90	32.4
2021-04-09 01:14:20	1.68	33.2
2021-04-09 01:14:30	1.18	31.1
2021-04-09 01:14:40	0.85	31.0
2021-04-09 01:14:50	0.56	31.4
2021-04-09 01:15:00	0.51	31.9
2021-04-09 01:15:20	0.55	32.4
2021-04-09 01:15:30	0.91	31.5
2021-04-09 01:15:40	0.91	31.3
2021-04-09 01:15:50	0.87	31.7
2021-04-09 01:16:00	0.85	30.9
2021-04-09 01:16:20	0.65	31.0
2021-04-09 01:16:30	0.96	31.1
2021-04-09 01:16:40	1.48	31.4
2021-04-09 01:16:50	0.81	31.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-09 01:17:00	1.68	30.9
2021-04-09 01:17:10	0.75	32.0
2021-04-09 01:17:20	0.71	32.2
2021-04-09 01:17:30	0.55	30.9
2021-04-09 01:17:40	0.71	31.3
2021-04-09 01:17:50	0.92	32.2
2021-04-09 01:18:00	0.90	31.1
2021-04-09 01:18:10	0.82	31.0
2021-04-09 01:18:20	0.61	31.3
2021-04-09 01:18:30	0.74	31.2
2021-04-09 01:18:40	0.52	30.9
2021-04-09 01:18:50	1.01	30.9
2021-04-09 01:19:00	0.78	31.1
2021-04-09 01:19:10	0.64	31.2
2021-04-09 01:19:20	0.65	31.1
2021-04-09 01:19:30	0.75	31.0
2021-04-09 01:19:40	1.06	32.5
2021-04-09 01:19:50	0.68	33.1
2021-04-09 01:20:20	0.89	31.4
2021-04-09 01:20:30	0.75	31.5
2021-04-09 01:20:40	0.92	31.9
2021-04-09 01:20:50	1.10	32.4
2021-04-09 01:21:00	1.08	32.8
2021-04-09 01:21:10	1.00	33.3
2021-04-09 01:21:20	0.77	35.5
2021-04-09 01:23:10	0.81	34.0
2021-04-09 01:23:20	1.11	32.5
2021-04-09 01:23:30	1.27	32.6
2021-04-09 01:23:40	1.25	32.0
2021-04-09 01:23:50	1.03	30.9
2021-04-09 01:24:00	0.67	31.3
2021-04-09 01:24:10	0.84	32.7
2021-04-09 01:25:30	1.15	38.3
2021-04-09 01:26:30	0.55	32.7
2021-04-09 01:26:50	0.76	31.3
2021-04-09 01:27:00	0.89	32.4
2021-04-09 01:27:10	1.08	32.0
2021-04-09 01:27:20	1.20	31.9
2021-04-09 01:27:30	0.90	32.2
2021-04-09 01:29:40	0.69	33.8
2021-04-09 01:29:50	0.88	34.4
2021-04-09 01:30:00	0.60	32.5
2021-04-09 01:30:20	0.55	32.6
2021-04-09 01:30:30	0.76	32.7
2021-04-09 02:03:50	1.40	34.1
2021-04-09 02:04:00	1.37	32.9
2021-04-09 02:04:10	1.17	32.8
2021-04-09 02:04:20	1.30	32.7
2021-04-09 02:04:30	1.69	33.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-09 02:07:10	1.01	33.6
2021-04-09 02:07:40	1.23	35.0
2021-04-09 02:07:50	0.80	34.1
2021-04-09 02:08:00	0.51	32.6
2021-04-09 02:08:10	1.19	32.2
2021-04-09 02:08:20	1.08	31.6
2021-04-09 02:08:30	0.75	31.6
2021-04-09 02:08:40	0.95	31.5
2021-04-09 02:08:50	1.01	32.1
2021-04-09 02:09:00	0.92	34.4
2021-04-09 02:09:10	1.18	35.3
2021-04-09 02:09:20	0.92	35.6
2021-04-09 02:10:10	0.63	34.0
2021-04-09 02:10:20	0.53	32.7
2021-04-09 02:10:30	0.53	35.5
2021-04-09 02:10:50	1.03	34.9
2021-04-09 02:11:00	0.61	33.0
2021-04-09 02:11:10	0.64	32.9
2021-04-09 02:11:20	0.68	33.3
2021-04-09 02:11:30	0.60	34.7
2021-04-09 02:13:40	0.68	34.6
2021-04-09 02:13:50	0.91	35.5
2021-04-09 02:14:00	1.06	34.6
2021-04-09 02:14:10	1.14	32.1
2021-04-09 02:14:20	0.96	32.1
2021-04-09 02:14:30	1.12	31.9
2021-04-09 02:14:40	1.41	31.7
2021-04-09 02:14:50	0.96	31.4
2021-04-09 02:15:00	1.17	31.3
2021-04-09 02:15:10	0.97	31.4
2021-04-09 02:15:20	1.19	31.4
2021-04-09 02:15:30	1.02	31.7
2021-04-09 02:15:40	1.07	32.5
2021-04-09 02:15:50	1.49	32.5
2021-04-09 02:16:00	1.05	30.4
2021-04-09 02:16:10	1.50	30.3
2021-04-09 02:16:20	1.22	32.4
2021-04-09 02:16:30	0.75	30.3
2021-04-09 02:16:40	1.35	31.1
2021-04-09 02:16:50	1.14	31.2
2021-04-09 02:17:00	0.86	31.2
2021-04-09 02:17:10	1.51	31.3
2021-04-09 02:17:20	1.31	31.5
2021-04-09 02:17:30	1.15	31.9
2021-04-09 02:17:40	0.95	30.4
2021-04-09 02:17:50	0.93	30.4
2021-04-09 02:18:00	1.00	30.3
2021-04-09 02:18:10	1.20	32.0
2021-04-09 02:18:20	1.38	31.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-09 02:18:30	1.05	31.9
2021-04-09 02:18:40	1.28	31.3
2021-04-09 02:18:50	1.48	31.2
2021-04-09 02:19:00	0.91	31.2
2021-04-09 02:19:10	0.95	31.1
2021-04-09 02:19:20	1.19	31.2
2021-04-09 02:19:30	1.92	31.4
2021-04-09 02:19:40	1.40	31.7
2021-04-09 02:19:50	1.65	30.3
2021-04-09 02:20:00	1.40	30.3
2021-04-09 02:20:10	0.82	30.2
2021-04-09 02:20:20	1.02	30.3
2021-04-09 02:20:30	1.46	30.3
2021-04-09 02:20:40	1.25	30.3
2021-04-09 02:20:50	1.35	32.2
2021-04-09 02:21:00	1.56	31.9
2021-04-09 02:21:10	1.25	31.6
2021-04-09 02:21:20	1.38	31.4
2021-04-09 02:21:30	1.31	32.0
2021-04-09 02:21:40	1.32	32.1
2021-04-09 02:21:50	1.37	32.3
2021-04-09 02:22:00	0.97	30.3
2021-04-09 02:22:10	0.59	30.3
2021-04-09 02:22:20	1.25	31.4
2021-04-09 02:22:30	1.38	31.4
2021-04-09 02:22:40	1.08	30.8
2021-04-09 02:22:50	1.48	30.5
2021-04-09 02:23:00	1.01	31.0
2021-04-09 02:23:10	1.38	30.8
2021-04-09 02:23:20	1.43	30.6
2021-04-09 02:23:30	1.08	32.1
2021-04-09 02:23:40	1.00	31.6
2021-04-09 02:23:50	1.24	31.5
2021-04-09 02:24:00	1.18	31.7
2021-04-09 02:24:10	0.73	31.9
2021-04-09 02:24:20	1.17	32.3
2021-04-09 02:24:30	1.17	30.3
2021-04-09 02:24:50	1.15	32.1
2021-04-09 02:25:00	1.07	31.5
2021-04-09 02:25:10	1.16	31.7
2021-04-09 02:25:20	0.89	31.6
2021-04-09 02:25:30	0.97	31.7
2021-04-09 02:25:40	0.93	31.6
2021-04-09 02:25:50	1.18	31.4
2021-04-09 02:26:00	0.88	31.5
2021-04-09 02:26:10	1.15	31.6
2021-04-09 02:26:20	0.87	31.4
2021-04-09 02:26:30	0.78	31.1
2021-04-09 02:26:40	1.03	31.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-09 02:26:50	1.17	31.2
2021-04-09 02:27:00	1.47	31.4
2021-04-09 02:27:10	1.10	31.5
2021-04-09 02:27:20	1.03	31.5
2021-04-09 02:27:30	0.77	31.7
2021-04-09 02:27:40	1.02	32.1
2021-04-09 02:27:50	0.97	32.0
2021-04-09 02:28:00	1.59	30.6
2021-04-09 02:28:10	1.20	30.5
2021-04-09 02:28:20	0.93	32.2
2021-04-09 02:28:30	1.10	30.4
2021-04-09 02:28:40	0.69	32.4
2021-04-09 02:28:50	0.96	31.6
2021-04-09 02:29:00	1.25	31.3
2021-04-09 02:29:10	0.86	31.3
2021-04-09 02:29:20	0.67	31.4
2021-04-09 02:29:30	1.12	31.7
2021-04-09 02:29:40	1.20	31.5
2021-04-09 02:29:50	1.02	31.6
2021-04-09 02:30:00	1.03	31.5
2021-04-09 02:30:10	1.27	31.5
2021-04-09 02:30:20	1.04	31.9
2021-04-09 02:30:30	0.93	32.0
2021-04-09 02:30:40	0.60	32.4
2021-04-09 03:02:20	1.48	31.3
2021-04-09 03:02:30	1.17	31.3
2021-04-09 03:02:40	1.01	31.1
2021-04-09 03:02:50	0.79	31.3
2021-04-09 03:03:00	0.95	32.3
2021-04-09 03:03:10	0.59	31.5
2021-04-09 03:03:20	0.57	32.2
2021-04-09 03:03:30	0.54	31.9
2021-04-09 03:03:40	0.59	32.6
2021-04-09 03:03:50	0.87	32.3
2021-04-09 03:04:00	0.79	32.4
2021-04-09 03:04:10	1.25	32.7
2021-04-09 03:04:20	0.84	32.1
2021-04-09 03:04:30	0.56	32.3
2021-04-09 03:04:40	0.76	31.7
2021-04-09 03:04:50	0.70	32.4
2021-04-09 03:05:10	0.52	34.9
2021-04-09 03:05:20	0.67	35.1
2021-04-09 03:05:30	0.60	33.7
2021-04-09 03:06:20	0.92	31.7
2021-04-09 03:06:30	0.78	32.0
2021-04-09 03:06:40	1.08	31.0
2021-04-09 03:06:50	0.75	30.8
2021-04-09 03:07:10	1.26	32.4
2021-04-09 03:07:20	0.78	32.4

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-09 03:07:30	0.63	32.3
2021-04-09 03:07:40	0.74	32.6
2021-04-09 03:07:50	0.64	32.5
2021-04-09 03:08:00	0.61	31.2
2021-04-09 03:08:20	1.05	31.4
2021-04-09 03:08:30	0.81	32.6
2021-04-09 03:09:00	0.55	32.8
2021-04-09 03:09:10	0.82	31.7
2021-04-09 03:09:20	0.69	31.7
2021-04-09 03:09:30	0.54	32.7
2021-04-09 03:09:40	0.54	32.5
2021-04-09 03:10:00	0.65	33.6
2021-04-09 03:10:10	1.02	33.7
2021-04-09 03:10:20	0.93	33.4
2021-04-09 03:10:30	0.75	32.6
2021-04-09 03:10:40	1.53	32.9
2021-04-09 03:10:50	0.86	33.2
2021-04-09 03:11:00	1.28	33.6
2021-04-09 03:11:10	0.97	33.2
2021-04-09 03:11:20	1.11	33.0
2021-04-09 03:11:30	0.74	31.8
2021-04-09 03:11:40	1.00	32.3
2021-04-09 03:11:50	1.52	31.8
2021-04-09 03:12:00	0.82	32.3
2021-04-09 03:12:10	1.10	34.1
2021-04-09 03:12:20	0.70	33.8
2021-04-09 03:12:30	0.97	32.1
2021-04-09 03:12:40	0.94	33.7
2021-04-09 03:12:50	1.02	34.5
2021-04-09 03:13:10	0.55	34.7
2021-04-09 03:13:20	0.54	35.0
2021-04-09 03:13:30	0.58	32.6
2021-04-09 03:13:40	0.84	32.4
2021-04-09 03:13:50	0.73	32.9
2021-04-09 03:14:00	0.57	33.0
2021-04-09 03:14:20	0.64	32.3
2021-04-09 03:14:30	0.54	32.1
2021-04-09 03:14:40	0.71	31.9
2021-04-09 03:14:50	0.95	32.0
2021-04-09 03:15:00	0.71	32.3
2021-04-09 03:15:10	0.65	32.1
2021-04-09 03:16:00	0.87	33.0
2021-04-09 03:16:10	1.08	33.1
2021-04-09 03:16:20	0.75	33.1
2021-04-09 03:16:30	0.69	33.1
2021-04-09 03:16:40	0.69	33.0
2021-04-09 03:16:50	1.05	33.2
2021-04-09 03:17:00	0.71	33.0
2021-04-09 03:17:10	0.71	32.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-09 03:17:20	0.70	33.1
2021-04-09 03:17:50	0.65	33.2
2021-04-09 03:18:00	0.73	32.9
2021-04-09 03:18:10	0.89	32.9
2021-04-09 03:18:20	0.97	33.2
2021-04-09 03:18:30	0.70	32.3
2021-04-09 03:19:40	0.75	32.9
2021-04-09 03:20:30	0.52	32.1
2021-04-09 03:20:40	0.75	32.0
2021-04-09 03:20:50	0.62	32.3
2021-04-09 03:22:10	0.84	32.8
2021-04-09 03:22:40	0.76	33.4
2021-04-09 03:22:50	0.91	33.6
2021-04-09 03:23:00	0.92	33.4
2021-04-09 03:23:20	1.66	32.3
2021-04-09 03:23:50	0.81	32.8
2021-04-09 03:24:10	0.90	32.6
2021-04-09 03:24:20	0.84	33.4
2021-04-09 03:24:50	0.77	33.3
2021-04-09 03:25:00	1.06	33.2
2021-04-09 03:25:10	0.71	33.2
2021-04-09 03:25:20	0.59	32.5
2021-04-09 03:26:00	0.59	33.0
2021-04-09 03:26:10	0.66	32.8
2021-04-09 03:26:20	0.65	33.0
2021-04-09 03:26:30	0.75	33.2
2021-04-09 03:26:40	0.55	32.3
2021-04-09 03:26:50	0.70	32.6
2021-04-09 03:27:00	0.90	32.9
2021-04-09 03:27:10	1.49	33.3
2021-04-09 03:27:20	0.55	33.6
2021-04-09 03:27:30	0.78	33.8
2021-04-09 03:28:00	0.84	33.2
2021-04-09 03:28:10	0.91	33.4
2021-04-09 03:28:20	0.60	32.6
2021-04-09 03:28:30	0.82	33.1
2021-04-09 03:28:50	0.53	33.0
2021-04-09 03:29:20	0.63	32.7
2021-04-09 03:29:40	0.52	32.8
2021-04-09 03:30:10	0.84	32.9
2021-04-09 03:30:20	0.70	33.1
2021-04-09 04:02:30	1.37	32.8
2021-04-09 04:02:40	0.90	32.5
2021-04-09 04:03:10	0.91	32.7
2021-04-09 04:03:20	1.08	31.8
2021-04-09 04:03:30	0.79	32.4
2021-04-09 04:03:40	0.73	32.1
2021-04-09 04:03:50	0.60	31.9
2021-04-09 04:04:00	0.81	31.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-09 04:04:10	0.83	32.4
2021-04-09 04:04:20	1.78	32.4
2021-04-09 04:04:30	1.32	32.7
2021-04-09 04:04:40	1.41	32.4
2021-04-09 04:04:50	0.95	32.6
2021-04-09 04:05:00	0.54	32.6
2021-04-09 04:05:10	1.09	32.8
2021-04-09 04:05:50	1.40	33.3
2021-04-09 04:06:00	1.62	34.6
2021-04-09 04:06:10	1.31	35.3
2021-04-09 04:07:00	1.02	33.3
2021-04-09 04:07:10	0.50	32.7
2021-04-09 04:07:20	0.58	32.5
2021-04-09 04:07:30	0.76	32.5
2021-04-09 04:07:40	0.57	32.4
2021-04-09 04:07:50	1.32	33.0
2021-04-09 04:08:00	2.13	33.0
2021-04-09 04:08:10	1.54	32.4
2021-04-09 04:08:20	0.74	32.5
2021-04-09 04:08:50	0.62	32.9
2021-04-09 04:09:00	1.91	33.0
2021-04-09 04:09:10	2.51	32.9
2021-04-09 04:09:20	0.92	32.8
2021-04-09 04:09:30	0.80	33.0
2021-04-09 04:09:40	0.69	32.8
2021-04-09 04:09:50	0.67	32.3
2021-04-09 04:10:00	2.16	32.3
2021-04-09 04:10:10	1.84	32.5
2021-04-09 04:10:50	0.64	33.8
2021-04-09 04:11:00	0.60	34.2
2021-04-09 04:12:00	0.66	34.5
2021-04-09 04:12:10	0.60	33.3
2021-04-09 04:12:20	0.53	33.1
2021-04-09 04:12:30	0.52	33.0
2021-04-09 04:13:10	0.75	33.6
2021-04-09 04:13:20	0.79	32.2
2021-04-09 04:13:40	1.62	32.6
2021-04-09 04:13:50	1.57	33.6
2021-04-09 04:14:00	0.51	33.1
2021-04-09 04:14:10	1.47	33.6
2021-04-09 04:14:20	1.92	33.0
2021-04-09 04:14:30	2.72	33.3
2021-04-09 04:14:40	2.31	33.1
2021-04-09 04:14:50	1.12	34.0
2021-04-09 04:15:00	0.71	35.3
2021-04-09 04:15:50	0.81	35.6
2021-04-09 04:16:00	0.51	33.6
2021-04-09 04:16:40	0.50	33.6
2021-04-09 04:16:50	1.21	32.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-09 04:17:20	0.66	33.0
2021-04-09 04:17:30	0.74	32.9
2021-04-09 04:17:40	1.22	34.1
2021-04-09 04:17:50	0.69	35.4
2021-04-09 04:19:10	1.03	35.2
2021-04-09 04:19:20	1.47	34.2
2021-04-09 04:19:30	1.16	32.6
2021-04-09 04:19:40	1.26	32.6
2021-04-09 04:19:50	0.52	32.3
2021-04-09 04:20:10	0.52	32.6
2021-04-09 04:20:20	0.61	33.0
2021-04-09 04:20:30	0.75	32.4
2021-04-09 04:20:40	0.66	33.0
2021-04-09 04:20:50	0.81	33.4
2021-04-09 04:21:00	1.84	33.7
2021-04-09 04:21:10	1.57	34.6
2021-04-09 04:23:50	1.43	32.9
2021-04-09 04:24:00	1.18	33.7
2021-04-09 04:24:10	0.60	33.8
2021-04-09 04:24:50	0.96	35.1
2021-04-09 04:25:20	2.03	37.6
2021-04-09 04:25:30	2.53	39.8
2021-04-09 04:26:50	2.09	37.9
2021-04-09 04:28:00	0.56	34.9
2021-04-09 04:28:10	0.52	34.9
2021-04-09 04:28:20	2.19	34.2
2021-04-09 04:28:30	2.39	33.3
2021-04-09 04:28:40	2.44	33.3
2021-04-09 04:28:50	2.20	34.0
2021-04-09 04:29:00	1.60	34.4
2021-04-09 04:29:10	1.38	33.4
2021-04-09 04:29:20	1.80	33.0
2021-04-09 04:29:30	1.78	33.1
2021-04-09 04:29:40	0.96	33.3
2021-04-09 04:29:50	1.32	33.3
2021-04-09 04:30:00	2.24	35.0
2021-04-09 04:30:10	1.32	34.3
2021-04-09 04:30:20	2.12	35.0
2021-04-09 04:30:30	1.25	35.5
2021-04-09 22:05:30	3.03	37.0
2021-04-09 22:05:40	2.94	36.3
2021-04-09 22:05:50	2.28	36.8
2021-04-09 22:06:00	1.60	36.7
2021-04-09 22:06:10	1.68	36.6
2021-04-09 22:06:50	2.55	37.6
2021-04-09 22:07:00	1.55	37.4
2021-04-09 22:07:20	3.36	37.6
2021-04-09 22:10:00	2.87	37.2
2021-04-09 22:10:10	2.11	36.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-09 22:10:20	1.93	35.8
2021-04-09 22:10:30	1.15	36.0
2021-04-09 22:10:40	0.59	37.0
2021-04-09 22:11:00	1.65	37.7
2021-04-09 22:11:30	2.34	39.7
2021-04-09 22:12:10	3.08	37.4
2021-04-09 22:12:30	2.24	37.4
2021-04-09 22:13:20	2.22	37.4
2021-04-09 22:14:30	1.94	36.2
2021-04-09 22:14:50	0.80	36.5
2021-04-09 22:15:20	4.18	36.8
2021-04-09 22:16:40	2.22	40.5
2021-04-09 22:16:50	1.94	40.9
2021-04-09 22:19:30	1.74	38.6
2021-04-09 22:20:10	1.28	37.2
2021-04-09 22:20:20	1.63	37.2
2021-04-09 22:25:40	1.42	38.4
2021-04-09 22:30:00	1.12	37.0
2021-04-09 22:30:10	0.92	37.2
2021-04-09 22:30:40	1.79	37.6
2021-04-09 23:04:00	0.70	35.6
2021-04-09 23:04:10	0.83	35.5
2021-04-09 23:04:20	2.07	35.9
2021-04-09 23:05:10	0.62	35.7
2021-04-09 23:05:20	0.80	35.6
2021-04-09 23:06:10	0.75	35.6
2021-04-09 23:06:30	1.46	35.3
2021-04-09 23:06:40	0.71	35.5
2021-04-09 23:07:50	3.19	40.2
2021-04-09 23:09:10	1.19	35.5
2021-04-09 23:09:20	2.23	36.0
2021-04-09 23:09:30	2.02	37.8
2021-04-09 23:10:20	2.65	36.2
2021-04-09 23:10:50	2.42	38.4
2021-04-09 23:13:10	2.89	37.2
2021-04-09 23:13:20	1.90	36.7
2021-04-09 23:13:30	1.49	35.9
2021-04-09 23:13:50	1.73	36.1
2021-04-09 23:14:00	1.10	35.6
2021-04-09 23:14:10	1.89	36.3
2021-04-09 23:14:20	1.10	36.8
2021-04-09 23:14:30	2.88	35.8
2021-04-09 23:14:40	1.89	35.1
2021-04-09 23:15:00	2.28	35.5
2021-04-09 23:15:10	1.94	36.5
2021-04-09 23:15:50	0.55	35.3
2021-04-09 23:16:30	0.97	34.7
2021-04-09 23:16:40	1.79	35.3
2021-04-09 23:16:50	1.14	34.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-09 23:17:00	0.53	34.2
2021-04-09 23:17:10	1.17	34.9
2021-04-09 23:17:20	1.77	34.9
2021-04-09 23:18:30	1.13	35.0
2021-04-09 23:18:40	1.63	35.6
2021-04-09 23:18:50	1.09	35.6
2021-04-09 23:19:00	1.73	36.8
2021-04-09 23:19:10	1.39	36.3
2021-04-09 23:19:30	0.60	35.5
2021-04-09 23:19:40	2.45	34.7
2021-04-09 23:19:50	3.41	35.1
2021-04-09 23:20:20	2.29	38.4
2021-04-09 23:20:30	3.73	37.4
2021-04-09 23:20:40	3.07	37.5
2021-04-09 23:20:50	1.73	37.5
2021-04-09 23:21:00	2.95	35.6
2021-04-09 23:21:10	2.75	34.3
2021-04-09 23:21:20	1.46	34.6
2021-04-09 23:21:30	1.25	34.5
2021-04-09 23:21:40	0.50	34.8
2021-04-09 23:21:50	1.63	34.7
2021-04-09 23:22:00	1.90	35.8
2021-04-09 23:22:10	2.33	36.4
2021-04-09 23:22:20	2.05	35.7
2021-04-09 23:22:30	1.73	37.1
2021-04-09 23:22:40	1.57	36.0
2021-04-09 23:22:50	1.53	34.7
2021-04-09 23:23:00	2.08	35.9
2021-04-09 23:23:40	0.58	36.7
2021-04-09 23:24:10	1.87	36.2
2021-04-09 23:24:20	3.65	34.5
2021-04-09 23:24:30	2.18	35.1
2021-04-09 23:24:40	2.08	35.6
2021-04-09 23:24:50	2.08	35.7
2021-04-09 23:25:10	0.92	35.6
2021-04-09 23:25:30	3.16	37.2
2021-04-09 23:26:50	2.31	36.0
2021-04-09 23:27:00	2.45	35.5
2021-04-09 23:27:10	1.89	34.8
2021-04-09 23:27:20	1.42	34.7
2021-04-09 23:27:30	0.70	35.6
2021-04-09 23:27:50	1.56	37.1
2021-04-09 23:28:10	3.47	35.8
2021-04-09 23:28:20	2.83	35.5
2021-04-09 23:28:30	2.68	36.3
2021-04-09 23:28:40	1.12	36.0
2021-04-09 23:29:50	1.90	35.9
2021-04-09 23:30:00	2.78	36.0
2021-04-09 23:30:40	3.34	37.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-10 00:03:10	0.91	37.0
2021-04-10 00:03:30	2.85	36.0
2021-04-10 00:03:40	2.98	35.7
2021-04-10 00:03:50	2.05	37.2
2021-04-10 00:04:00	1.05	36.0
2021-04-10 00:04:30	1.18	35.1
2021-04-10 00:04:50	0.71	36.0
2021-04-10 00:05:00	1.86	36.5
2021-04-10 00:05:10	1.04	36.3
2021-04-10 00:05:20	1.19	35.2
2021-04-10 00:05:30	0.97	38.1
2021-04-10 00:05:50	4.06	38.2
2021-04-10 00:06:00	3.15	36.8
2021-04-10 00:06:10	1.67	35.3
2021-04-10 00:06:30	0.67	35.1
2021-04-10 00:06:50	1.48	39.6
2021-04-10 00:07:40	2.28	36.5
2021-04-10 00:07:50	1.27	35.8
2021-04-10 00:10:00	2.58	36.3
2021-04-10 00:10:40	1.71	37.3
2021-04-10 00:11:00	2.32	37.8
2021-04-10 00:11:30	2.32	37.5
2021-04-10 00:13:00	2.29	37.0
2021-04-10 00:13:10	1.81	37.5
2021-04-10 00:13:20	1.14	37.4
2021-04-10 00:15:00	0.59	35.7
2021-04-10 00:15:10	1.05	35.1
2021-04-10 00:15:30	0.57	36.1
2021-04-10 00:15:40	1.79	36.2
2021-04-10 00:15:50	1.63	35.6
2021-04-10 00:16:20	1.22	35.9
2021-04-10 00:16:30	1.75	36.1
2021-04-10 00:16:40	2.43	36.6
2021-04-10 00:16:50	1.90	39.6
2021-04-10 00:17:10	1.54	40.4
2021-04-10 00:19:20	2.24	36.6
2021-04-10 00:20:00	0.62	37.4
2021-04-10 00:20:20	1.38	35.2
2021-04-10 00:20:40	1.93	36.2
2021-04-10 00:20:50	1.74	36.6
2021-04-10 00:21:00	1.60	36.6
2021-04-10 00:21:10	4.07	39.0
2021-04-10 00:21:20	2.08	37.5
2021-04-10 00:22:10	1.32	37.1
2021-04-10 00:22:20	2.93	38.0
2021-04-10 00:22:30	1.63	38.3
2021-04-10 00:22:40	2.17	37.1
2021-04-10 00:22:50	3.37	37.0
2021-04-10 00:23:00	1.86	37.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-10 00:24:10	2.72	37.6
2021-04-10 00:24:30	1.57	36.2
2021-04-10 00:24:40	2.40	36.3
2021-04-10 00:24:50	2.53	40.6
2021-04-10 00:25:00	2.28	40.4
2021-04-10 00:25:10	1.97	38.4
2021-04-10 00:25:20	3.22	40.1
2021-04-10 00:25:30	1.77	36.7
2021-04-10 00:25:40	1.59	35.7
2021-04-10 00:25:50	1.48	35.5
2021-04-10 00:26:10	2.49	35.9
2021-04-10 00:26:20	1.19	35.5
2021-04-10 00:26:30	1.22	35.0
2021-04-10 00:29:00	1.96	37.3
2021-04-10 01:02:50	1.67	39.1
2021-04-10 01:03:20	1.03	34.8
2021-04-10 01:03:30	1.05	35.3
2021-04-10 01:04:20	1.74	35.8
2021-04-10 01:07:10	2.51	35.1
2021-04-10 01:07:40	1.25	35.6
2021-04-10 01:07:50	0.89	34.2
2021-04-10 01:08:10	1.68	34.0
2021-04-10 01:09:10	0.64	34.5
2021-04-10 01:09:30	1.10	34.1
2021-04-10 01:10:00	0.91	35.6
2021-04-10 01:10:10	2.06	35.7
2021-04-10 01:10:30	1.80	34.8
2021-04-10 01:10:40	1.87	34.0
2021-04-10 01:11:00	1.38	34.7
2021-04-10 01:11:10	1.64	35.1
2021-04-10 01:11:30	1.49	35.4
2021-04-10 01:12:00	1.36	34.4
2021-04-10 01:12:20	1.20	33.9
2021-04-10 01:12:40	1.33	34.9
2021-04-10 01:13:00	1.53	36.0
2021-04-10 01:13:10	2.45	35.4
2021-04-10 01:13:20	4.39	35.3
2021-04-10 01:13:30	2.39	34.8
2021-04-10 01:14:30	1.26	34.1
2021-04-10 01:14:40	0.81	34.3
2021-04-10 01:14:50	1.55	33.8
2021-04-10 01:15:00	1.20	34.1
2021-04-10 01:16:00	1.03	35.0
2021-04-10 01:16:10	1.45	34.7
2021-04-10 01:16:20	0.75	35.8
2021-04-10 01:16:50	2.47	35.6
2021-04-10 01:17:00	2.57	36.0
2021-04-10 01:17:20	2.24	34.9
2021-04-10 01:17:30	1.48	34.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-10 01:17:40	3.11	34.8
2021-04-10 01:18:00	2.18	33.8
2021-04-10 01:18:20	1.31	34.6
2021-04-10 01:18:30	1.60	34.8
2021-04-10 01:18:40	0.70	34.1
2021-04-10 01:18:50	0.88	34.4
2021-04-10 01:19:00	1.51	34.3
2021-04-10 01:19:10	2.54	34.6
2021-04-10 01:20:50	1.12	34.2
2021-04-10 01:21:00	0.63	34.1
2021-04-10 01:21:10	1.74	34.1
2021-04-10 01:21:20	1.59	34.1
2021-04-10 01:21:30	1.44	34.7
2021-04-10 01:22:00	1.04	35.1
2021-04-10 01:27:20	0.89	34.9
2021-04-10 01:27:50	0.85	34.4
2021-04-10 01:28:00	1.33	34.3
2021-04-10 01:28:20	0.76	34.5
2021-04-10 01:28:30	0.63	34.5
2021-04-10 01:28:40	0.88	33.8
2021-04-10 01:28:50	1.06	35.2
2021-04-10 01:29:20	3.47	36.1
2021-04-10 01:29:30	2.80	35.3
2021-04-10 01:29:40	1.21	35.1
2021-04-10 01:29:50	1.08	35.5
2021-04-10 01:30:00	2.18	35.5
2021-04-10 01:30:10	1.27	35.3
2021-04-10 01:30:30	1.49	35.7
2021-04-10 02:02:40	1.91	35.0
2021-04-10 02:02:50	2.72	34.6
2021-04-10 02:03:00	1.59	34.4
2021-04-10 02:05:30	0.75	34.9
2021-04-10 02:05:50	0.93	34.4
2021-04-10 02:06:10	3.23	35.8
2021-04-10 02:06:20	2.75	34.6
2021-04-10 02:07:00	3.85	36.0
2021-04-10 02:07:20	1.88	35.7
2021-04-10 02:08:10	1.89	34.9
2021-04-10 02:08:30	3.05	35.8
2021-04-10 02:09:20	2.27	35.5
2021-04-10 02:09:30	1.88	35.2
2021-04-10 02:09:40	1.04	35.0
2021-04-10 02:09:50	2.57	35.9
2021-04-10 02:10:00	1.32	34.9
2021-04-10 02:10:20	2.31	35.8
2021-04-10 02:10:30	1.59	33.7
2021-04-10 02:11:10	2.31	35.2
2021-04-10 02:12:00	2.91	36.2
2021-04-10 02:12:10	2.84	35.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-10 02:12:20	1.14	35.7
2021-04-10 02:12:30	1.41	34.8
2021-04-10 02:15:40	3.20	36.9
2021-04-10 02:16:50	1.59	37.3
2021-04-10 02:17:20	1.44	35.7
2021-04-10 02:17:30	0.75	35.5
2021-04-10 02:17:50	1.65	34.7
2021-04-10 02:18:00	1.39	34.3
2021-04-10 02:18:10	0.50	34.4
2021-04-10 02:18:20	0.97	34.8
2021-04-10 02:18:30	1.90	35.0
2021-04-10 02:18:40	1.86	34.9
2021-04-10 02:21:10	2.09	34.8
2021-04-10 02:21:30	1.49	34.5
2021-04-10 02:21:40	2.32	35.4
2021-04-10 02:22:10	1.69	34.2
2021-04-10 02:23:50	2.15	34.2
2021-04-10 02:24:00	0.87	34.5
2021-04-10 02:24:10	1.76	34.1
2021-04-10 02:24:20	1.67	34.0
2021-04-10 02:24:40	2.57	33.5
2021-04-10 02:25:00	1.26	34.4
2021-04-10 02:25:10	1.50	34.2
2021-04-10 02:25:30	1.57	33.8
2021-04-10 02:25:40	0.60	32.9
2021-04-10 02:25:50	0.75	33.8
2021-04-10 02:26:00	2.80	32.6
2021-04-10 02:26:10	1.80	32.4
2021-04-10 02:26:20	0.51	32.6
2021-04-10 02:26:40	0.50	33.7
2021-04-10 02:26:50	0.61	34.1
2021-04-10 02:27:10	1.44	34.6
2021-04-10 02:27:20	2.21	34.0
2021-04-10 02:27:30	1.68	34.0
2021-04-10 02:27:40	1.61	34.0
2021-04-10 02:27:50	1.20	33.5
2021-04-10 02:28:30	2.01	33.4
2021-04-10 02:28:40	2.86	32.8
2021-04-10 02:28:50	1.93	32.8
2021-04-10 02:29:20	1.10	33.8
2021-04-10 02:29:30	1.17	35.3
2021-04-10 02:30:00	0.93	34.1
2021-04-10 02:30:10	1.25	33.9
2021-04-10 02:30:20	1.13	33.3
2021-04-10 02:30:30	0.90	33.2
2021-04-10 02:30:40	0.51	33.0
2021-04-10 03:02:40	2.01	34.5
2021-04-10 03:02:50	1.17	33.8
2021-04-10 03:03:00	2.21	34.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-10 03:03:10	1.37	35.4
2021-04-10 03:03:30	1.24	34.0
2021-04-10 03:03:40	1.14	34.0
2021-04-10 03:03:50	1.10	34.5
2021-04-10 03:04:00	1.04	34.8
2021-04-10 03:04:10	1.64	35.9
2021-04-10 03:04:20	0.82	35.7
2021-04-10 03:04:30	1.35	34.9
2021-04-10 03:04:40	0.71	34.7
2021-04-10 03:04:50	0.77	34.1
2021-04-10 03:05:00	0.55	34.4
2021-04-10 03:05:10	0.94	33.9
2021-04-10 03:05:20	1.95	34.1
2021-04-10 03:05:30	1.84	34.9
2021-04-10 03:05:40	1.50	34.6
2021-04-10 03:05:50	0.52	33.9
2021-04-10 03:06:00	1.02	33.6
2021-04-10 03:06:10	1.23	33.9
2021-04-10 03:06:20	2.04	32.4
2021-04-10 03:06:30	1.96	32.4
2021-04-10 03:06:40	0.85	33.2
2021-04-10 03:06:50	1.55	32.1
2021-04-10 03:07:00	1.30	32.5
2021-04-10 03:07:10	1.25	32.7
2021-04-10 03:07:20	0.79	33.1
2021-04-10 03:07:30	1.09	32.8
2021-04-10 03:07:40	0.51	32.5
2021-04-10 03:07:50	0.50	33.7
2021-04-10 03:08:00	1.66	32.3
2021-04-10 03:08:10	1.33	32.6
2021-04-10 03:08:20	2.10	32.2
2021-04-10 03:08:30	1.80	32.2
2021-04-10 03:09:00	0.57	34.1
2021-04-10 03:09:10	0.76	33.7
2021-04-10 03:09:20	1.60	33.1
2021-04-10 03:09:30	2.63	33.6
2021-04-10 03:09:40	2.11	33.5
2021-04-10 03:10:00	1.49	33.2
2021-04-10 03:10:20	1.55	34.0
2021-04-10 03:10:30	0.64	33.1
2021-04-10 03:10:40	1.16	33.4
2021-04-10 03:10:50	1.32	33.0
2021-04-10 03:11:00	1.10	32.7
2021-04-10 03:11:10	0.58	33.4
2021-04-10 03:11:20	1.06	33.1
2021-04-10 03:11:30	1.02	33.7
2021-04-10 03:11:40	0.96	33.5
2021-04-10 03:11:50	1.00	32.7
2021-04-10 03:12:00	1.08	33.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-10 03:12:10	1.30	33.2
2021-04-10 03:12:20	0.82	32.8
2021-04-10 03:12:30	1.17	33.0
2021-04-10 03:12:40	1.02	33.4
2021-04-10 03:12:50	0.75	33.3
2021-04-10 03:13:00	0.96	33.2
2021-04-10 03:13:10	0.95	33.2
2021-04-10 03:13:20	0.87	33.2
2021-04-10 03:13:30	0.56	32.7
2021-04-10 03:13:50	0.59	32.5
2021-04-10 03:14:00	0.68	32.8
2021-04-10 03:14:10	0.54	32.5
2021-04-10 03:14:20	0.58	32.4
2021-04-10 03:14:30	0.77	33.5
2021-04-10 03:14:40	1.39	33.6
2021-04-10 03:14:50	0.71	33.2
2021-04-10 03:15:00	1.08	34.2
2021-04-10 03:15:10	1.12	33.6
2021-04-10 03:15:20	1.55	33.6
2021-04-10 03:15:40	0.84	33.9
2021-04-10 03:16:00	0.70	33.9
2021-04-10 03:16:10	1.20	34.2
2021-04-10 03:16:20	1.13	34.5
2021-04-10 03:16:30	1.15	35.2
2021-04-10 03:16:50	0.75	34.3
2021-04-10 03:17:00	1.06	33.3
2021-04-10 03:17:10	1.79	33.3
2021-04-10 03:17:30	0.71	33.2
2021-04-10 03:17:40	1.46	33.6
2021-04-10 03:17:50	0.95	32.8
2021-04-10 03:18:00	0.82	35.1
2021-04-10 03:18:10	1.40	32.8
2021-04-10 03:18:20	1.89	33.2
2021-04-10 03:18:30	2.13	33.8
2021-04-10 03:18:40	2.10	32.9
2021-04-10 03:18:50	1.62	33.6
2021-04-10 03:19:00	1.84	32.6
2021-04-10 03:19:20	1.13	34.6
2021-04-10 03:19:30	1.35	34.7
2021-04-10 03:19:40	0.68	33.9
2021-04-10 03:19:50	1.02	33.4
2021-04-10 03:20:00	2.22	33.2
2021-04-10 03:20:10	2.83	34.5
2021-04-10 03:20:20	1.78	34.7
2021-04-10 03:20:30	1.01	33.6
2021-04-10 03:20:40	0.95	34.7
2021-04-10 03:20:50	1.95	35.1
2021-04-10 03:21:00	1.34	34.0
2021-04-10 03:21:10	1.57	33.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-10 03:21:20	1.22	34.4
2021-04-10 03:21:30	0.53	33.5
2021-04-10 03:21:40	1.02	35.5
2021-04-10 03:21:50	0.64	33.7
2021-04-10 03:22:00	0.97	34.1
2021-04-10 03:22:10	0.97	33.7
2021-04-10 03:22:20	1.25	32.9
2021-04-10 03:22:30	0.94	32.7
2021-04-10 03:22:40	0.81	33.1
2021-04-10 03:22:50	1.99	33.1
2021-04-10 03:23:00	0.85	34.0
2021-04-10 03:23:10	0.90	33.8
2021-04-10 03:23:20	0.71	34.9
2021-04-10 03:23:40	2.19	34.7
2021-04-10 03:23:50	2.67	34.2
2021-04-10 03:24:00	3.20	34.8
2021-04-10 03:24:10	2.94	35.1
2021-04-10 03:24:20	1.65	36.2
2021-04-10 03:25:10	2.27	35.3
2021-04-10 03:25:20	3.40	34.1
2021-04-10 03:25:30	1.24	33.4
2021-04-10 03:25:40	2.06	33.5
2021-04-10 03:25:50	1.77	35.3
2021-04-10 03:26:00	1.37	35.0
2021-04-10 03:26:30	1.88	35.0
2021-04-10 03:26:40	2.22	33.7
2021-04-10 03:26:50	0.90	35.5
2021-04-10 03:27:00	1.46	35.7
2021-04-10 03:27:10	1.56	34.9
2021-04-10 03:27:20	1.97	34.0
2021-04-10 03:27:30	2.87	34.3
2021-04-10 03:27:40	1.65	34.8
2021-04-10 03:27:50	0.75	35.4
2021-04-10 03:28:00	1.00	35.1
2021-04-10 03:28:10	0.71	33.8
2021-04-10 03:28:40	1.42	34.1
2021-04-10 03:28:50	1.78	33.4
2021-04-10 03:29:00	1.17	34.2
2021-04-10 03:29:10	1.60	33.5
2021-04-10 03:29:20	1.40	35.4
2021-04-10 03:29:30	2.26	33.8
2021-04-10 03:30:00	0.93	33.8
2021-04-10 03:30:10	1.47	34.9
2021-04-10 03:30:30	2.64	35.1
2021-04-10 03:30:40	2.23	35.3
2021-04-10 04:08:20	2.67	36.2
2021-04-10 04:10:00	1.60	34.7
2021-04-10 04:10:40	1.32	35.5
2021-04-10 04:10:50	2.22	35.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-10 04:11:00	2.84	34.9
2021-04-10 04:11:10	1.54	34.2
2021-04-10 04:11:20	1.53	34.4
2021-04-10 04:11:30	1.76	34.0
2021-04-10 04:12:00	1.07	35.0
2021-04-10 04:12:10	1.34	34.7
2021-04-10 04:12:30	1.97	35.4
2021-04-10 04:12:50	3.47	35.8
2021-04-10 04:13:10	2.44	36.1
2021-04-10 04:13:20	3.07	35.1
2021-04-10 04:13:30	2.70	34.8
2021-04-10 04:13:40	2.09	35.6
2021-04-10 04:13:50	2.41	35.0
2021-04-10 04:14:00	2.44	35.1
2021-04-10 04:14:10	2.87	35.0
2021-04-10 04:14:20	1.64	35.2
2021-04-10 04:14:30	1.24	35.0
2021-04-10 04:15:00	3.00	35.3
2021-04-10 04:15:10	1.96	36.0
2021-04-10 04:15:40	1.81	34.2
2021-04-10 04:15:50	1.70	34.4
2021-04-10 04:16:10	0.93	35.7
2021-04-10 04:16:20	2.91	35.6
2021-04-10 04:19:00	2.01	36.1
2021-04-10 04:19:10	2.77	36.2
2021-04-10 04:19:20	1.32	33.9
2021-04-10 04:19:30	1.42	34.0
2021-04-10 04:19:40	1.31	33.7
2021-04-10 04:19:50	1.93	34.7
2021-04-10 04:20:00	1.57	34.3
2021-04-10 04:20:10	1.02	34.0
2021-04-10 04:20:20	0.97	33.1
2021-04-10 04:20:30	2.12	33.7
2021-04-10 04:20:40	1.74	34.4
2021-04-10 04:21:00	2.46	33.9
2021-04-10 04:21:10	1.93	33.9
2021-04-10 04:21:20	1.01	33.2
2021-04-10 04:21:30	1.30	33.3
2021-04-10 04:21:40	1.14	33.1
2021-04-10 04:21:50	1.32	33.4
2021-04-10 04:22:00	1.23	33.5
2021-04-10 04:22:10	1.13	35.5
2021-04-10 04:22:20	0.87	34.6
2021-04-10 04:22:40	1.04	35.5
2021-04-10 04:22:50	2.03	35.4
2021-04-10 04:23:10	0.55	34.2
2021-04-10 04:25:00	3.27	35.0
2021-04-10 04:25:10	1.15	34.8
2021-04-10 04:25:30	0.83	34.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-10 04:25:50	0.68	34.8
2021-04-10 04:26:30	1.93	34.7
2021-04-10 04:26:40	1.55	34.6
2021-04-10 04:26:50	2.14	34.3
2021-04-10 04:27:00	1.97	33.4
2021-04-10 04:27:10	1.75	33.9
2021-04-10 04:27:20	2.06	33.5
2021-04-10 04:27:30	1.51	33.4
2021-04-10 04:27:40	1.61	33.6
2021-04-10 04:27:50	1.02	33.9
2021-04-10 04:28:00	1.21	35.6
2021-04-10 04:28:10	1.69	35.4
2021-04-10 04:28:20	1.61	35.8
2021-04-10 04:28:30	2.17	34.6
2021-04-10 04:28:40	2.40	33.7
2021-04-10 04:28:50	2.63	34.1
2021-04-10 04:29:00	2.18	34.1
2021-04-10 04:29:10	0.87	34.0
2021-04-10 04:29:30	1.46	32.8
2021-04-10 04:29:50	2.41	34.5
2021-04-10 04:30:00	1.74	33.8
2021-04-10 04:30:10	2.28	33.9
2021-04-10 04:30:20	1.58	34.3
2021-04-10 04:30:30	1.38	34.3
2021-04-10 04:30:40	2.56	34.7
2021-04-10 22:02:40	3.85	36.3
2021-04-10 22:02:50	3.72	36.3
2021-04-10 22:03:50	3.05	37.2
2021-04-10 22:05:10	3.01	35.8
2021-04-10 22:05:20	3.10	35.1
2021-04-10 22:05:30	2.55	35.0
2021-04-10 22:05:40	1.51	34.9
2021-04-10 22:05:50	3.03	35.4
2021-04-10 22:06:20	3.96	36.3
2021-04-10 22:06:30	3.61	36.1
2021-04-10 22:06:40	3.96	36.6
2021-04-10 22:07:00	3.11	36.0
2021-04-10 22:07:10	2.97	34.9
2021-04-10 22:07:30	2.63	36.1
2021-04-10 22:07:40	1.86	36.0
2021-04-10 22:07:50	1.84	35.0
2021-04-10 22:08:00	3.09	35.8
2021-04-10 22:08:10	2.51	36.0
2021-04-10 22:08:20	3.74	35.2
2021-04-10 22:08:30	4.41	35.5
2021-04-10 22:08:40	3.47	36.4
2021-04-10 22:08:50	3.74	35.4
2021-04-10 22:09:00	2.82	35.4
2021-04-10 22:09:10	3.85	35.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-10 22:09:20	3.15	34.9
2021-04-10 22:09:30	1.81	35.3
2021-04-10 22:10:00	2.92	34.4
2021-04-10 22:10:10	3.13	34.7
2021-04-10 22:10:30	4.09	35.5
2021-04-10 22:10:40	4.14	34.7
2021-04-10 22:10:50	3.07	35.2
2021-04-10 22:11:00	3.19	35.5
2021-04-10 22:11:10	2.73	35.1
2021-04-10 22:11:20	2.69	35.5
2021-04-10 22:11:30	3.33	35.3
2021-04-10 22:11:50	3.19	35.5
2021-04-10 22:12:40	2.57	39.1
2021-04-10 22:12:50	2.98	37.2
2021-04-10 22:13:00	3.88	35.4
2021-04-10 22:13:10	3.64	35.1
2021-04-10 22:13:20	3.36	35.1
2021-04-10 22:13:30	3.63	35.6
2021-04-10 22:13:50	3.39	34.5
2021-04-10 22:14:00	3.16	34.8
2021-04-10 22:14:20	4.05	35.1
2021-04-10 22:14:30	2.93	35.0
2021-04-10 22:14:40	3.17	34.3
2021-04-10 22:15:40	3.37	38.3
2021-04-10 22:15:50	2.73	37.5
2021-04-10 22:17:10	3.84	34.9
2021-04-10 22:17:20	2.63	35.0
2021-04-10 22:18:40	2.24	35.9
2021-04-10 22:18:50	3.54	36.2
2021-04-10 22:19:00	2.55	37.3
2021-04-10 22:19:20	3.77	40.8
2021-04-10 22:20:20	1.72	36.0
2021-04-10 22:20:30	3.21	35.0
2021-04-10 22:20:40	3.17	34.9
2021-04-10 22:20:50	3.88	34.5
2021-04-10 22:21:00	3.13	37.8
2021-04-10 22:21:50	2.93	36.7
2021-04-10 22:22:00	3.64	36.0
2021-04-10 22:22:10	2.38	36.1
2021-04-10 22:22:20	1.55	35.3
2021-04-10 22:22:30	1.58	35.7
2021-04-10 22:22:40	3.36	35.4
2021-04-10 22:22:50	3.04	34.7
2021-04-10 22:23:00	1.46	35.6
2021-04-10 22:23:10	2.92	36.9
2021-04-10 22:23:20	2.52	37.2
2021-04-10 22:23:30	2.71	38.0
2021-04-10 22:24:30	2.99	36.4
2021-04-10 22:24:40	1.39	33.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-10 22:24:50	2.51	33.4
2021-04-10 22:25:00	2.03	34.7
2021-04-10 22:25:10	3.01	34.3
2021-04-10 22:25:20	2.40	35.1
2021-04-10 22:25:40	3.68	35.2
2021-04-10 22:25:50	3.51	35.1
2021-04-10 22:26:00	2.89	35.0
2021-04-10 22:26:10	2.41	35.2
2021-04-10 22:26:20	2.44	34.8
2021-04-10 22:26:40	2.92	35.0
2021-04-10 22:28:10	3.90	36.9
2021-04-10 22:28:20	2.91	35.4
2021-04-10 22:28:30	2.53	35.6
2021-04-10 22:28:40	2.46	35.7
2021-04-10 22:28:50	2.95	35.4
2021-04-10 22:29:00	3.24	34.8
2021-04-10 22:29:10	1.74	35.1
2021-04-10 22:29:20	3.87	34.9
2021-04-10 22:29:30	2.08	35.6
2021-04-10 22:30:30	2.55	38.7
2021-04-10 22:30:40	3.23	37.2
2021-04-10 23:02:50	1.36	34.0
2021-04-10 23:03:00	1.74	34.0
2021-04-10 23:03:10	2.06	34.1
2021-04-10 23:03:20	2.94	33.3
2021-04-10 23:03:30	1.89	33.1
2021-04-10 23:03:40	1.07	34.5
2021-04-10 23:04:00	1.74	33.3
2021-04-10 23:04:10	1.92	33.8
2021-04-10 23:04:20	1.75	35.4
2021-04-10 23:06:40	2.34	34.2
2021-04-10 23:06:50	2.53	33.7
2021-04-10 23:07:00	2.55	34.4
2021-04-10 23:07:10	2.30	34.9
2021-04-10 23:08:20	2.46	34.1
2021-04-10 23:08:30	2.07	33.0
2021-04-10 23:08:40	1.47	34.3
2021-04-10 23:08:50	1.62	35.3
2021-04-10 23:09:00	2.24	34.6
2021-04-10 23:09:10	3.04	34.7
2021-04-10 23:09:20	2.34	33.6
2021-04-10 23:09:30	1.87	32.9
2021-04-10 23:09:40	1.83	33.0
2021-04-10 23:09:50	2.56	32.7
2021-04-10 23:10:00	1.86	32.5
2021-04-10 23:10:10	2.85	32.9
2021-04-10 23:10:30	2.68	32.5
2021-04-10 23:10:40	2.34	32.4
2021-04-10 23:10:50	2.43	32.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-10 23:11:00	1.88	33.4
2021-04-10 23:11:10	1.83	35.9
2021-04-10 23:11:20	0.93	34.2
2021-04-10 23:11:30	1.43	34.6
2021-04-10 23:11:50	4.51	36.1
2021-04-10 23:12:00	3.42	32.6
2021-04-10 23:12:20	3.59	35.2
2021-04-10 23:13:20	1.95	37.7
2021-04-10 23:13:30	1.82	36.6
2021-04-10 23:13:40	1.64	34.2
2021-04-10 23:14:00	2.11	33.9
2021-04-10 23:14:10	2.91	36.7
2021-04-10 23:14:20	3.65	34.9
2021-04-10 23:14:30	3.29	36.7
2021-04-10 23:14:40	1.86	37.1
2021-04-10 23:15:50	2.30	37.9
2021-04-10 23:17:00	3.11	34.1
2021-04-10 23:17:10	2.81	32.8
2021-04-10 23:17:20	2.28	32.9
2021-04-10 23:17:30	1.77	33.1
2021-04-10 23:17:40	1.97	33.8
2021-04-10 23:18:00	1.81	34.8
2021-04-10 23:18:10	2.63	34.7
2021-04-10 23:18:20	1.88	35.9
2021-04-10 23:21:20	2.79	33.7
2021-04-10 23:21:30	2.02	33.9
2021-04-10 23:21:40	2.01	33.9
2021-04-10 23:21:50	1.98	33.8
2021-04-10 23:22:00	3.37	35.0
2021-04-10 23:22:30	4.64	41.0
2021-04-10 23:23:30	2.70	36.9
2021-04-10 23:23:40	2.97	36.5
2021-04-10 23:23:50	2.32	36.9
2021-04-10 23:24:00	1.79	35.2
2021-04-10 23:25:30	2.76	39.5
2021-04-10 23:25:40	3.20	38.2
2021-04-10 23:25:50	2.58	34.3
2021-04-10 23:26:00	2.62	34.2
2021-04-10 23:26:20	1.42	33.3
2021-04-10 23:26:30	2.80	33.3
2021-04-10 23:26:50	2.38	33.9
2021-04-10 23:27:00	3.55	34.3
2021-04-10 23:27:10	3.05	34.7
2021-04-10 23:27:20	2.32	34.3
2021-04-10 23:27:40	3.20	37.0
2021-04-10 23:27:50	3.78	33.9
2021-04-10 23:28:00	2.96	35.4
2021-04-10 23:28:10	2.85	34.0
2021-04-10 23:28:20	2.03	33.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-10 23:28:40	2.63	34.1
2021-04-10 23:28:50	3.03	33.8
2021-04-10 23:29:00	3.43	33.9
2021-04-10 23:29:20	1.90	32.6
2021-04-10 23:29:30	1.59	32.4
2021-04-10 23:29:40	1.64	33.6
2021-04-10 23:30:00	2.25	34.1
2021-04-10 23:30:10	1.85	33.7
2021-04-10 23:30:20	1.30	32.6
2021-04-10 23:30:30	1.45	32.7
2021-04-10 23:30:40	1.10	33.2
2021-04-11 00:02:30	1.99	32.7
2021-04-11 00:02:40	1.93	33.3
2021-04-11 00:02:50	2.57	34.4
2021-04-11 00:03:00	2.61	39.3
2021-04-11 00:03:50	2.19	36.5
2021-04-11 00:05:10	2.86	37.9
2021-04-11 00:05:30	3.61	35.6
2021-04-11 00:05:40	2.45	34.2
2021-04-11 00:05:50	1.60	34.0
2021-04-11 00:06:00	2.81	34.1
2021-04-11 00:06:10	2.68	33.3
2021-04-11 00:06:20	2.82	33.1
2021-04-11 00:06:30	2.46	34.3
2021-04-11 00:06:40	1.97	33.6
2021-04-11 00:06:50	2.05	33.3
2021-04-11 00:07:00	1.57	33.7
2021-04-11 00:07:10	2.53	33.0
2021-04-11 00:07:20	1.53	32.9
2021-04-11 00:07:40	3.16	32.8
2021-04-11 00:08:00	1.89	33.1
2021-04-11 00:08:20	2.30	32.8
2021-04-11 00:08:30	2.24	33.5
2021-04-11 00:08:40	2.59	32.6
2021-04-11 00:08:50	2.77	33.6
2021-04-11 00:09:00	2.13	33.2
2021-04-11 00:09:20	2.68	33.0
2021-04-11 00:09:30	2.75	33.0
2021-04-11 00:09:40	2.16	33.4
2021-04-11 00:09:50	2.73	32.4
2021-04-11 00:10:00	2.83	33.3
2021-04-11 00:10:10	2.14	32.8
2021-04-11 00:10:20	2.60	32.4
2021-04-11 00:10:30	2.36	32.4
2021-04-11 00:10:40	2.64	33.0
2021-04-11 00:10:50	2.52	34.9
2021-04-11 00:11:50	2.76	35.9
2021-04-11 00:12:00	2.45	35.1
2021-04-11 00:12:10	3.16	32.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-11 00:12:20	2.71	33.0
2021-04-11 00:12:30	2.27	33.3
2021-04-11 00:12:40	2.28	32.7
2021-04-11 00:13:00	1.87	34.1
2021-04-11 00:13:10	1.73	32.9
2021-04-11 00:13:30	2.26	32.1
2021-04-11 00:13:40	1.42	32.4
2021-04-11 00:13:50	1.72	33.5
2021-04-11 00:14:00	3.62	32.7
2021-04-11 00:14:10	2.67	33.0
2021-04-11 00:14:20	2.18	32.9
2021-04-11 00:14:30	2.93	32.9
2021-04-11 00:14:40	3.16	33.9
2021-04-11 00:14:50	3.73	33.2
2021-04-11 00:15:20	2.89	32.8
2021-04-11 00:15:30	3.12	33.1
2021-04-11 00:15:40	2.86	32.5
2021-04-11 00:16:10	2.09	32.6
2021-04-11 00:16:20	1.95	32.4
2021-04-11 00:16:30	2.28	32.1
2021-04-11 00:16:40	1.32	32.2
2021-04-11 00:16:50	2.00	32.6
2021-04-11 00:17:00	2.17	32.7
2021-04-11 00:17:30	2.95	32.5
2021-04-11 00:17:50	1.93	32.0
2021-04-11 00:18:00	2.23	32.1
2021-04-11 00:18:20	2.74	32.7
2021-04-11 00:18:30	3.73	33.4
2021-04-11 00:18:40	2.72	33.1
2021-04-11 00:18:50	1.40	32.9
2021-04-11 00:19:00	1.48	33.3
2021-04-11 00:19:20	2.94	32.4
2021-04-11 00:19:30	3.11	32.2
2021-04-11 00:19:40	2.23	32.5
2021-04-11 00:19:50	2.34	33.2
2021-04-11 00:20:00	3.06	32.4
2021-04-11 00:20:10	3.46	32.6
2021-04-11 00:20:20	1.31	32.9
2021-04-11 00:20:30	2.67	32.7
2021-04-11 00:20:50	3.96	32.9
2021-04-11 00:21:00	3.84	32.5
2021-04-11 00:21:10	3.84	32.9
2021-04-11 00:21:20	3.64	33.2
2021-04-11 00:21:30	2.51	34.0
2021-04-11 00:21:40	2.82	37.6
2021-04-11 00:22:50	2.18	35.7
2021-04-11 00:23:00	2.31	33.2
2021-04-11 00:23:10	2.53	33.7
2021-04-11 00:23:20	2.80	33.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-11 00:23:30	2.78	33.4
2021-04-11 00:23:40	2.24	32.8
2021-04-11 00:23:50	2.65	33.0
2021-04-11 00:24:00	2.52	32.4
2021-04-11 00:24:10	1.45	32.4
2021-04-11 00:24:30	3.41	32.4
2021-04-11 00:24:40	2.15	32.5
2021-04-11 00:24:50	3.90	32.7
2021-04-11 00:25:00	3.34	33.3
2021-04-11 00:25:20	3.14	31.8
2021-04-11 00:25:30	2.60	31.9
2021-04-11 00:25:40	1.74	32.7
2021-04-11 00:25:50	2.31	32.5
2021-04-11 00:26:20	2.36	31.8
2021-04-11 00:26:30	1.65	32.1
2021-04-11 00:26:50	1.55	32.3
2021-04-11 00:27:00	3.16	33.0
2021-04-11 00:27:10	2.44	32.9
2021-04-11 00:27:20	1.88	32.5
2021-04-11 00:27:40	1.73	32.2
2021-04-11 00:27:50	2.80	32.3
2021-04-11 00:28:00	3.83	32.8
2021-04-11 00:28:10	3.60	32.3
2021-04-11 00:28:20	2.27	32.6
2021-04-11 00:28:40	2.18	32.5
2021-04-11 00:28:50	2.12	33.1
2021-04-11 00:29:00	2.65	32.5
2021-04-11 00:29:10	2.56	32.9
2021-04-11 00:29:20	3.22	32.5
2021-04-11 00:29:30	2.40	32.4
2021-04-11 00:29:40	2.86	32.5
2021-04-11 00:29:50	2.18	32.3
2021-04-11 00:30:00	1.55	33.4
2021-04-11 00:30:10	0.97	33.9
2021-04-11 00:30:30	2.70	32.4
2021-04-11 00:30:40	2.88	32.2
2021-04-11 01:03:50	1.97	33.2
2021-04-11 01:04:00	2.53	33.0
2021-04-11 01:04:10	2.30	33.0
2021-04-11 01:04:20	1.61	33.1
2021-04-11 01:04:30	1.30	33.4
2021-04-11 01:04:50	1.50	32.9
2021-04-11 01:05:00	0.71	32.7
2021-04-11 01:05:10	1.90	32.9
2021-04-11 01:05:20	2.67	33.0
2021-04-11 01:05:30	1.73	33.2
2021-04-11 01:05:40	2.02	33.2
2021-04-11 01:06:00	2.33	34.8
2021-04-11 01:06:10	2.30	33.9

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-11 01:06:20	3.23	32.7
2021-04-11 01:06:30	2.22	33.5
2021-04-11 01:07:00	2.03	33.0
2021-04-11 01:07:10	0.82	32.3
2021-04-11 01:07:20	1.12	32.5
2021-04-11 01:07:30	1.25	33.0
2021-04-11 01:07:40	1.06	33.3
2021-04-11 01:07:50	1.07	32.4
2021-04-11 01:08:00	1.60	32.8
2021-04-11 01:08:10	1.67	33.1
2021-04-11 01:08:20	1.74	33.0
2021-04-11 01:08:30	1.08	33.2
2021-04-11 01:09:00	0.80	33.3
2021-04-11 01:09:50	1.40	32.9
2021-04-11 01:10:10	3.05	33.3
2021-04-11 01:11:20	1.96	36.3
2021-04-11 01:11:30	2.92	34.4
2021-04-11 01:11:40	3.01	34.3
2021-04-11 01:12:30	1.48	34.9
2021-04-11 01:12:40	2.48	35.0
2021-04-11 01:14:00	1.60	35.8
2021-04-11 01:14:30	3.16	34.7
2021-04-11 01:16:40	3.56	35.6
2021-04-11 01:16:50	1.66	33.8
2021-04-11 01:17:00	1.25	34.7
2021-04-11 01:17:10	2.73	36.2
2021-04-11 01:17:50	4.52	34.5
2021-04-11 01:18:20	2.64	35.1
2021-04-11 01:18:30	1.99	35.2
2021-04-11 01:18:40	2.20	35.0
2021-04-11 01:18:50	2.19	34.5
2021-04-11 01:19:00	1.74	35.9
2021-04-11 01:19:10	1.71	36.0
2021-04-11 01:19:20	3.15	38.3
2021-04-11 01:19:30	2.86	35.7
2021-04-11 01:19:40	2.53	35.6
2021-04-11 01:19:50	2.12	34.6
2021-04-11 01:20:00	2.65	35.1
2021-04-11 01:20:10	3.31	34.4
2021-04-11 01:20:40	1.51	36.7
2021-04-11 01:21:00	2.75	36.5
2021-04-11 01:21:10	2.19	36.3
2021-04-11 01:22:20	3.31	37.8
2021-04-11 01:22:30	3.36	35.7
2021-04-11 01:22:40	3.83	35.0
2021-04-11 01:22:50	3.44	34.3
2021-04-11 01:23:00	1.53	34.6
2021-04-11 01:23:10	1.07	34.3
2021-04-11 01:23:20	1.29	35.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-11 01:23:30	1.46	34.7
2021-04-11 01:23:40	1.42	34.5
2021-04-11 01:23:50	2.36	33.7
2021-04-11 01:24:50	1.92	35.1
2021-04-11 01:25:00	1.02	34.9
2021-04-11 01:25:10	2.30	35.2
2021-04-11 01:25:20	2.25	36.1
2021-04-11 01:25:30	1.71	36.0
2021-04-11 01:25:40	2.69	35.2
2021-04-11 01:26:30	1.46	35.5
2021-04-11 01:26:40	1.18	34.6
2021-04-11 01:27:20	5.06	36.2
2021-04-11 01:27:30	4.27	35.0
2021-04-11 01:27:40	1.67	36.2
2021-04-11 01:27:50	2.09	37.1
2021-04-11 01:28:10	2.31	35.6
2021-04-11 01:28:20	2.17	37.4
2021-04-11 01:28:40	0.51	35.4
2021-04-11 01:28:50	1.82	37.3
2021-04-11 01:29:00	1.61	37.1
2021-04-11 01:29:30	1.66	36.5
2021-04-11 01:29:50	2.20	34.9
2021-04-11 01:30:00	1.85	34.7
2021-04-11 01:30:10	1.54	35.1
2021-04-11 01:30:20	3.30	34.7
2021-04-11 01:30:30	3.04	34.4
2021-04-11 01:30:40	3.16	35.1
2021-04-11 02:02:50	1.38	33.5
2021-04-11 02:03:00	2.11	33.7
2021-04-11 02:03:10	1.79	33.9
2021-04-11 02:03:20	3.24	38.4
2021-04-11 02:04:10	2.62	35.3
2021-04-11 02:04:20	1.97	35.9
2021-04-11 02:04:30	0.61	34.1
2021-04-11 02:04:40	1.26	33.7
2021-04-11 02:04:50	1.65	33.4
2021-04-11 02:05:00	1.42	34.4
2021-04-11 02:05:10	1.01	34.3
2021-04-11 02:05:20	0.98	34.3
2021-04-11 02:05:30	0.83	35.2
2021-04-11 02:05:40	1.32	34.5
2021-04-11 02:07:00	3.62	36.7
2021-04-11 02:07:10	3.65	36.5
2021-04-11 02:07:20	3.17	34.8
2021-04-11 02:07:30	2.45	33.7
2021-04-11 02:07:40	1.92	34.1
2021-04-11 02:07:50	0.79	34.7
2021-04-11 02:08:10	1.16	33.3
2021-04-11 02:08:20	0.82	34.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-11 02:08:30	1.64	33.7
2021-04-11 02:08:40	1.85	34.7
2021-04-11 02:09:10	2.27	33.3
2021-04-11 02:09:20	2.57	34.8
2021-04-11 02:09:30	1.43	33.6
2021-04-11 02:09:40	1.34	34.5
2021-04-11 02:09:50	1.58	33.6
2021-04-11 02:10:10	1.37	33.6
2021-04-11 02:10:20	1.05	33.2
2021-04-11 02:10:30	1.73	33.2
2021-04-11 02:10:40	1.89	33.6
2021-04-11 02:10:50	1.10	33.0
2021-04-11 02:11:00	0.82	32.9
2021-04-11 02:11:10	1.74	32.7
2021-04-11 02:11:20	1.03	32.8
2021-04-11 02:11:30	2.72	33.4
2021-04-11 02:11:40	3.09	33.7
2021-04-11 02:11:50	1.35	33.8
2021-04-11 02:12:00	1.62	34.6
2021-04-11 02:12:10	1.54	35.3
2021-04-11 02:13:30	0.77	33.2
2021-04-11 02:13:40	2.10	32.5
2021-04-11 02:13:50	1.16	32.5
2021-04-11 02:14:00	1.21	32.7
2021-04-11 02:14:10	2.41	32.9
2021-04-11 02:14:20	1.45	32.5
2021-04-11 02:14:30	1.08	33.2
2021-04-11 02:14:40	1.97	33.1
2021-04-11 02:14:50	1.35	32.9
2021-04-11 02:15:00	1.02	33.6
2021-04-11 02:15:10	1.28	34.0
2021-04-11 02:15:20	1.93	33.7
2021-04-11 02:15:30	0.98	33.3
2021-04-11 02:15:40	2.16	32.8
2021-04-11 02:15:50	3.74	36.7
2021-04-11 02:16:00	3.97	33.8
2021-04-11 02:16:10	1.96	33.6
2021-04-11 02:16:20	2.15	33.6
2021-04-11 02:16:30	1.51	33.7
2021-04-11 02:16:40	1.12	33.1
2021-04-11 02:16:50	1.01	33.0
2021-04-11 02:17:00	1.20	32.8
2021-04-11 02:17:10	1.20	33.6
2021-04-11 02:17:20	0.89	33.6
2021-04-11 02:17:40	1.68	34.8
2021-04-11 02:17:50	3.29	33.5
2021-04-11 02:18:00	2.68	33.2
2021-04-11 02:18:10	1.43	33.5
2021-04-11 02:18:20	1.27	33.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-11 02:18:30	1.54	33.1
2021-04-11 02:18:40	1.12	33.3
2021-04-11 02:18:50	2.22	32.6
2021-04-11 02:19:00	2.65	33.0
2021-04-11 02:19:10	1.40	32.7
2021-04-11 02:19:20	1.87	32.7
2021-04-11 02:19:30	1.24	32.8
2021-04-11 02:19:40	2.02	33.1
2021-04-11 02:21:30	1.97	38.0
2021-04-11 02:21:40	1.29	34.4
2021-04-11 02:21:50	1.48	34.2
2021-04-11 02:22:00	2.30	34.1
2021-04-11 02:22:10	2.81	33.1
2021-04-11 02:22:20	2.31	32.8
2021-04-11 02:22:30	2.29	34.2
2021-04-11 02:22:50	2.12	32.7
2021-04-11 02:23:10	2.17	34.7
2021-04-11 02:23:20	0.76	34.1
2021-04-11 02:24:30	1.44	33.1
2021-04-11 02:24:40	2.30	33.7
2021-04-11 02:24:50	1.37	32.8
2021-04-11 02:25:00	0.91	33.1
2021-04-11 02:25:10	0.55	32.4
2021-04-11 02:25:20	1.09	32.5
2021-04-11 02:25:30	2.03	33.0
2021-04-11 02:25:40	2.74	32.3
2021-04-11 02:25:50	1.48	32.4
2021-04-11 02:26:00	1.00	32.3
2021-04-11 02:26:20	1.52	32.7
2021-04-11 02:26:30	1.54	32.9
2021-04-11 02:26:40	1.21	33.0
2021-04-11 02:26:50	0.79	32.8
2021-04-11 02:27:00	1.56	32.9
2021-04-11 02:27:10	3.30	33.0
2021-04-11 02:27:20	2.96	32.9
2021-04-11 02:27:30	1.48	32.6
2021-04-11 02:27:40	0.86	32.1
2021-04-11 02:27:50	1.05	32.8
2021-04-11 02:28:00	1.71	33.1
2021-04-11 02:28:10	2.48	32.6
2021-04-11 02:28:20	1.14	32.2
2021-04-11 02:28:30	1.37	32.2
2021-04-11 02:28:50	0.68	31.3
2021-04-11 02:29:00	2.24	32.2
2021-04-11 02:29:10	1.60	31.5
2021-04-11 02:29:20	0.97	31.9
2021-04-11 02:29:30	1.53	32.1
2021-04-11 02:29:50	2.18	32.8
2021-04-11 02:30:00	2.49	32.6

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-11 02:30:10	1.66	32.6
2021-04-11 02:30:20	1.08	32.4
2021-04-11 02:30:40	2.08	33.4
2021-04-11 03:02:20	0.81	32.2
2021-04-11 03:02:30	1.93	32.7
2021-04-11 03:02:40	1.39	31.4
2021-04-11 03:03:00	0.56	31.8
2021-04-11 03:03:10	1.18	31.3
2021-04-11 03:03:20	0.71	31.1
2021-04-11 03:03:30	1.19	31.3
2021-04-11 03:03:40	1.38	31.5
2021-04-11 03:03:50	0.95	31.5
2021-04-11 03:04:00	0.81	32.0
2021-04-11 03:04:10	0.91	32.1
2021-04-11 03:04:20	1.54	32.0
2021-04-11 03:04:30	0.90	32.0
2021-04-11 03:04:50	1.39	31.5
2021-04-11 03:05:00	1.57	31.4
2021-04-11 03:05:10	0.92	31.9
2021-04-11 03:05:30	0.50	32.2
2021-04-11 03:05:40	1.27	32.0
2021-04-11 03:05:50	0.51	32.2
2021-04-11 03:06:00	1.02	32.0
2021-04-11 03:06:10	1.40	32.0
2021-04-11 03:06:20	0.87	31.9
2021-04-11 03:06:30	0.65	32.3
2021-04-11 03:06:40	0.77	32.0
2021-04-11 03:06:50	1.66	31.7
2021-04-11 03:07:00	1.66	31.4
2021-04-11 03:07:10	1.09	31.7
2021-04-11 03:07:30	1.56	31.7
2021-04-11 03:07:40	1.69	32.0
2021-04-11 03:07:50	1.57	31.7
2021-04-11 03:08:00	1.62	31.5
2021-04-11 03:08:30	1.31	31.6
2021-04-11 03:08:40	1.17	31.6
2021-04-11 03:08:50	0.83	31.5
2021-04-11 03:09:00	1.68	32.0
2021-04-11 03:09:10	1.11	32.7
2021-04-11 03:09:20	1.65	32.4
2021-04-11 03:09:30	0.84	32.0
2021-04-11 03:09:40	0.67	31.4
2021-04-11 03:09:50	0.86	31.5
2021-04-11 03:10:00	1.20	31.5
2021-04-11 03:10:10	1.40	31.4
2021-04-11 03:10:20	1.44	31.2
2021-04-11 03:10:30	1.03	31.6
2021-04-11 03:10:40	0.65	31.9
2021-04-11 03:11:10	1.93	31.5

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-11 03:11:20	1.28	31.6
2021-04-11 03:11:50	0.98	31.2
2021-04-11 03:12:00	1.22	31.5
2021-04-11 03:12:10	1.39	31.7
2021-04-11 03:12:20	0.85	32.0
2021-04-11 03:12:30	1.38	31.4
2021-04-11 03:12:40	1.28	31.7
2021-04-11 03:12:50	1.08	31.7
2021-04-11 03:13:00	0.67	31.7
2021-04-11 03:13:10	1.34	31.8
2021-04-11 03:13:20	2.20	31.4
2021-04-11 03:13:30	1.14	31.4
2021-04-11 03:13:40	0.54	31.6
2021-04-11 03:13:50	0.70	31.5
2021-04-11 03:14:00	0.92	31.5
2021-04-11 03:14:10	0.83	31.5
2021-04-11 03:14:20	1.29	31.6
2021-04-11 03:14:30	1.48	31.7
2021-04-11 03:14:40	1.26	31.9
2021-04-11 03:14:50	1.88	32.0
2021-04-11 03:15:00	1.38	31.7
2021-04-11 03:15:10	1.47	31.3
2021-04-11 03:15:20	0.77	31.9
2021-04-11 03:15:40	1.04	31.9
2021-04-11 03:15:50	1.87	31.7
2021-04-11 03:16:00	0.69	32.1
2021-04-11 03:16:10	1.61	31.8
2021-04-11 03:16:50	1.41	32.3
2021-04-11 03:17:00	1.59	31.8
2021-04-11 03:17:10	1.87	31.9
2021-04-11 03:17:20	0.95	31.8
2021-04-11 03:17:30	1.43	31.6
2021-04-11 03:17:40	1.28	31.4
2021-04-11 03:17:50	0.80	31.4
2021-04-11 03:18:00	1.26	31.5
2021-04-11 03:18:10	1.23	31.5
2021-04-11 03:18:20	1.04	31.5
2021-04-11 03:18:30	0.98	32.1
2021-04-11 03:18:40	1.34	31.7
2021-04-11 03:18:50	1.02	31.6
2021-04-11 03:19:10	1.22	31.7
2021-04-11 03:19:20	1.32	31.3
2021-04-11 03:19:30	0.81	31.1
2021-04-11 03:19:40	0.50	31.3
2021-04-11 03:19:50	2.47	31.2
2021-04-11 03:20:30	1.05	31.2
2021-04-11 03:20:40	0.83	31.1
2021-04-11 03:20:50	1.41	31.2
2021-04-11 03:21:00	1.36	31.4

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-11 03:21:10	1.47	31.2
2021-04-11 03:21:20	1.58	31.6
2021-04-11 03:21:30	1.18	31.5
2021-04-11 03:21:40	1.11	32.0
2021-04-11 03:21:50	1.59	31.7
2021-04-11 03:22:00	0.75	32.1
2021-04-11 03:22:10	1.67	32.1
2021-04-11 03:22:20	1.85	31.9
2021-04-11 03:22:30	1.30	31.9
2021-04-11 03:22:40	1.68	31.8
2021-04-11 03:22:50	1.28	32.1
2021-04-11 03:23:00	1.02	34.1
2021-04-11 03:23:10	0.61	33.5
2021-04-11 03:23:40	1.10	33.3
2021-04-11 03:23:50	1.24	33.1
2021-04-11 03:24:10	0.90	33.1
2021-04-11 03:24:30	0.89	32.5
2021-04-11 03:24:40	0.52	32.5
2021-04-11 03:24:50	0.70	32.5
2021-04-11 03:25:00	0.97	32.3
2021-04-11 03:26:10	0.54	32.2
2021-04-11 03:26:20	1.02	31.6
2021-04-11 03:26:30	0.54	31.7
2021-04-11 03:26:40	1.43	31.7
2021-04-11 03:26:50	0.83	32.1
2021-04-11 03:27:00	1.23	32.4
2021-04-11 03:27:10	1.40	32.1
2021-04-11 03:27:20	1.76	31.9
2021-04-11 03:27:30	1.71	31.7
2021-04-11 03:27:40	1.67	31.5
2021-04-11 03:27:50	2.79	31.6
2021-04-11 03:28:00	1.25	32.1
2021-04-11 03:28:10	0.94	32.1
2021-04-11 03:28:20	1.17	32.1
2021-04-11 03:28:30	1.17	31.9
2021-04-11 03:28:40	1.39	31.9
2021-04-11 03:28:50	0.95	31.6
2021-04-11 03:29:20	1.56	31.4
2021-04-11 03:29:30	1.16	31.6
2021-04-11 03:29:40	1.25	31.8
2021-04-11 03:29:50	2.15	31.9
2021-04-11 03:30:00	2.52	31.5
2021-04-11 03:30:10	1.29	31.8
2021-04-11 03:30:20	1.26	31.7
2021-04-11 03:30:30	1.04	32.0
2021-04-11 03:30:40	1.02	32.1
2021-04-11 04:02:20	0.79	31.6
2021-04-11 04:02:30	1.41	31.7
2021-04-11 04:02:40	1.87	31.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-11 04:02:50	1.03	31.4
2021-04-11 04:03:00	1.10	31.7
2021-04-11 04:03:10	0.94	31.2
2021-04-11 04:04:10	0.85	31.2
2021-04-11 04:04:20	1.06	31.4
2021-04-11 04:04:30	1.28	31.8
2021-04-11 04:04:40	1.11	31.8
2021-04-11 04:04:50	0.97	31.8
2021-04-11 04:05:00	1.21	31.5
2021-04-11 04:05:10	1.36	31.5
2021-04-11 04:05:20	1.18	32.1
2021-04-11 04:05:30	2.69	32.0
2021-04-11 04:05:40	2.18	31.7
2021-04-11 04:05:50	1.14	31.5
2021-04-11 04:06:00	1.74	31.6
2021-04-11 04:06:10	1.97	31.9
2021-04-11 04:06:20	2.00	32.2
2021-04-11 04:06:30	1.94	31.6
2021-04-11 04:06:40	2.57	31.5
2021-04-11 04:06:50	1.96	31.7
2021-04-11 04:07:00	1.22	31.7
2021-04-11 04:07:10	0.86	31.9
2021-04-11 04:07:20	1.32	31.7
2021-04-11 04:07:30	1.82	31.4
2021-04-11 04:07:40	2.44	31.5
2021-04-11 04:07:50	2.47	32.2
2021-04-11 04:08:00	2.98	32.9
2021-04-11 04:08:10	2.08	32.5
2021-04-11 04:08:20	1.79	32.4
2021-04-11 04:08:30	1.89	32.5
2021-04-11 04:08:40	1.31	32.2
2021-04-11 04:09:00	1.16	32.8
2021-04-11 04:09:10	1.08	32.5
2021-04-11 04:09:20	0.90	32.5
2021-04-11 04:09:30	2.28	31.9
2021-04-11 04:09:40	3.05	31.8
2021-04-11 04:09:50	2.22	32.1
2021-04-11 04:10:00	2.31	32.0
2021-04-11 04:10:10	1.84	31.7
2021-04-11 04:10:20	1.15	32.1
2021-04-11 04:10:30	1.97	32.5
2021-04-11 04:10:40	1.93	31.6
2021-04-11 04:10:50	2.37	31.7
2021-04-11 04:11:00	2.02	31.7
2021-04-11 04:11:10	1.50	30.8
2021-04-11 04:11:20	0.86	32.1
2021-04-11 04:11:30	0.78	32.3
2021-04-11 04:11:40	1.43	32.0
2021-04-11 04:11:50	0.96	32.0

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-11 04:12:00	0.99	32.1
2021-04-11 04:12:10	2.47	32.3
2021-04-11 04:12:20	1.45	31.9
2021-04-11 04:12:30	1.19	31.8
2021-04-11 04:12:40	0.78	32.4
2021-04-11 04:12:50	1.18	33.0
2021-04-11 04:13:00	2.77	32.3
2021-04-11 04:13:10	2.18	32.2
2021-04-11 04:13:20	1.95	32.3
2021-04-11 04:13:30	2.08	31.8
2021-04-11 04:13:40	2.10	31.9
2021-04-11 04:13:50	2.04	32.0
2021-04-11 04:14:00	1.08	31.7
2021-04-11 04:14:10	1.75	32.3
2021-04-11 04:14:20	2.07	31.5
2021-04-11 04:14:30	1.69	32.2
2021-04-11 04:14:40	1.30	32.2
2021-04-11 04:14:50	0.66	32.4
2021-04-11 04:15:00	1.31	31.9
2021-04-11 04:15:10	2.43	31.5
2021-04-11 04:15:20	2.63	31.7
2021-04-11 04:15:30	1.72	32.3
2021-04-11 04:15:40	1.64	31.8
2021-04-11 04:15:50	0.63	32.1
2021-04-11 04:16:00	1.32	32.3
2021-04-11 04:16:10	1.31	32.9
2021-04-11 04:16:20	0.79	33.0
2021-04-11 04:16:30	1.76	32.7
2021-04-11 04:16:40	1.80	32.7
2021-04-11 04:16:50	1.90	33.4
2021-04-11 04:17:00	2.19	37.7
2021-04-11 04:18:00	2.32	34.2
2021-04-11 04:19:20	1.35	34.2
2021-04-11 04:19:30	2.14	33.6
2021-04-11 04:19:40	1.52	33.7
2021-04-11 04:19:50	0.79	32.3
2021-04-11 04:20:00	0.77	32.2
2021-04-11 04:20:10	1.82	32.7
2021-04-11 04:20:20	1.32	32.5
2021-04-11 04:20:30	1.85	32.8
2021-04-11 04:20:40	1.74	32.3
2021-04-11 04:20:50	2.56	32.4
2021-04-11 04:21:00	2.66	33.6
2021-04-11 04:21:10	4.12	35.8
2021-04-11 04:21:20	4.30	34.5
2021-04-11 04:21:30	3.45	37.7
2021-04-11 04:21:40	3.48	32.4
2021-04-11 04:21:50	2.19	31.7
2021-04-11 04:22:00	1.61	32.4

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-11 04:22:10	1.72	31.5
2021-04-11 04:22:20	1.12	31.6
2021-04-11 04:22:30	2.23	31.7
2021-04-11 04:22:40	1.89	32.1
2021-04-11 04:22:50	1.64	32.7
2021-04-11 04:23:00	2.54	32.6
2021-04-11 22:02:20	1.98	34.2
2021-04-11 22:02:30	1.76	31.9
2021-04-11 22:02:40	1.92	32.1
2021-04-11 22:02:50	1.86	32.2
2021-04-11 22:03:00	1.57	32.2
2021-04-11 22:03:10	3.08	32.0
2021-04-11 22:03:20	2.58	31.8
2021-04-11 22:03:30	2.37	31.8
2021-04-11 22:03:40	2.41	31.9
2021-04-11 22:03:50	2.50	31.3
2021-04-11 22:04:00	1.26	31.6
2021-04-11 22:04:10	1.16	31.9
2021-04-11 22:04:20	3.11	32.8
2021-04-11 22:04:30	2.44	32.3
2021-04-11 22:04:40	1.96	32.7
2021-04-11 22:04:50	2.38	33.2
2021-04-11 22:05:00	1.74	32.9
2021-04-11 22:05:10	1.02	34.4
2021-04-11 22:05:20	1.78	34.9
2021-04-11 22:05:30	2.18	36.4
2021-04-11 22:05:40	1.65	36.8
2021-04-11 22:05:50	1.50	33.6
2021-04-11 22:06:00	1.90	32.7
2021-04-11 22:06:10	1.44	32.2
2021-04-11 22:06:20	1.38	32.6
2021-04-11 22:06:30	1.82	32.9
2021-04-11 22:06:40	1.95	32.5
2021-04-11 22:06:50	2.35	33.9
2021-04-11 22:07:00	2.42	33.1
2021-04-11 22:07:10	2.06	32.8
2021-04-11 22:07:20	1.48	33.1
2021-04-11 22:07:30	1.72	33.5
2021-04-11 22:07:40	1.11	33.7
2021-04-11 22:07:50	0.61	33.3
2021-04-11 22:08:00	1.01	33.6
2021-04-11 22:08:10	1.13	33.5
2021-04-11 22:08:20	1.42	34.6
2021-04-11 22:10:10	1.15	33.3
2021-04-11 22:10:20	1.59	32.3
2021-04-11 22:10:30	1.95	32.9
2021-04-11 22:10:40	1.76	32.2
2021-04-11 22:10:50	2.38	32.1
2021-04-11 22:11:00	1.85	32.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-11 22:11:10	2.17	31.9
2021-04-11 22:11:20	1.48	31.8
2021-04-11 22:11:30	1.39	32.1
2021-04-11 22:11:40	1.81	32.0
2021-04-11 22:11:50	1.66	32.4
2021-04-11 22:12:00	1.56	32.4
2021-04-11 22:12:10	2.03	31.8
2021-04-11 22:12:20	1.80	32.2
2021-04-11 22:12:30	2.30	32.4
2021-04-11 22:12:40	1.84	32.6
2021-04-11 22:12:50	2.41	32.5
2021-04-11 22:13:00	2.35	32.6
2021-04-11 22:13:10	2.31	32.1
2021-04-11 22:13:20	2.22	32.1
2021-04-11 22:13:30	1.88	32.5
2021-04-11 22:13:40	2.52	32.2
2021-04-11 22:13:50	1.19	32.5
2021-04-11 22:14:00	1.43	32.4
2021-04-11 22:14:10	1.90	32.1
2021-04-11 22:14:20	1.36	32.2
2021-04-11 22:14:30	2.31	32.4
2021-04-11 22:14:40	2.40	32.2
2021-04-11 22:14:50	1.71	32.1
2021-04-11 22:15:00	1.51	32.7
2021-04-11 22:15:10	2.10	33.3
2021-04-11 22:15:20	2.75	33.1
2021-04-11 22:15:30	1.89	32.9
2021-04-11 22:15:40	1.77	33.3
2021-04-11 22:15:50	1.25	33.1
2021-04-11 22:16:00	1.86	32.2
2021-04-11 22:16:10	2.39	32.0
2021-04-11 22:16:20	2.13	32.5
2021-04-11 22:16:30	2.71	32.9
2021-04-11 22:16:40	1.60	32.5
2021-04-11 22:16:50	1.85	32.8
2021-04-11 22:17:00	1.95	33.4
2021-04-11 22:17:10	2.66	33.2
2021-04-11 22:17:20	2.43	33.4
2021-04-11 22:17:30	2.22	35.0
2021-04-11 22:17:40	1.59	35.6
2021-04-11 22:17:50	2.19	37.4
2021-04-11 22:19:20	2.20	35.0
2021-04-11 22:20:40	1.62	34.9
2021-04-11 22:20:50	3.11	34.2
2021-04-11 22:22:40	2.01	34.6
2021-04-11 22:22:50	2.76	34.2
2021-04-11 22:23:00	2.18	34.2
2021-04-11 22:23:10	2.38	33.9
2021-04-11 22:23:20	2.58	35.8

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-11 22:23:40	2.60	38.5
2021-04-11 22:25:00	1.70	34.8
2021-04-11 22:25:10	0.83	32.5
2021-04-11 22:25:20	0.95	32.9
2021-04-11 22:25:30	2.02	32.7
2021-04-11 22:25:40	2.85	33.6
2021-04-11 22:26:50	2.64	37.1
2021-04-11 22:27:00	1.62	34.6
2021-04-11 22:27:10	1.88	34.2
2021-04-11 22:27:20	1.40	34.7
2021-04-11 22:27:30	1.92	34.0
2021-04-11 22:27:40	2.47	35.0
2021-04-11 22:27:50	2.21	34.2
2021-04-11 22:28:00	2.34	33.6
2021-04-11 22:28:10	1.77	33.9
2021-04-11 22:28:20	3.93	33.1
2021-04-11 22:28:30	2.95	32.6
2021-04-11 22:28:40	2.64	32.7
2021-04-11 22:28:50	3.45	32.5
2021-04-11 22:29:00	2.66	32.5
2021-04-11 22:29:10	2.95	32.1
2021-04-11 22:29:20	2.30	31.7
2021-04-11 22:29:30	2.23	32.6
2021-04-11 22:29:40	2.40	32.3
2021-04-11 22:29:50	3.30	32.1
2021-04-11 22:30:00	2.50	32.6
2021-04-11 22:30:10	1.14	33.1
2021-04-11 22:30:20	1.74	33.6
2021-04-11 22:30:30	1.54	33.9
2021-04-11 22:30:40	1.07	33.8
2021-04-11 23:02:30	2.02	31.7
2021-04-11 23:02:40	0.69	31.8
2021-04-11 23:02:50	1.75	31.9
2021-04-11 23:03:00	1.41	31.7
2021-04-11 23:03:10	0.82	31.6
2021-04-11 23:03:20	1.52	31.7
2021-04-11 23:03:30	1.80	31.5
2021-04-11 23:03:40	1.98	31.9
2021-04-11 23:03:50	1.78	32.2
2021-04-11 23:04:00	1.44	31.7
2021-04-11 23:04:10	1.54	31.9
2021-04-11 23:04:20	1.46	32.0
2021-04-11 23:04:30	1.84	32.6
2021-04-11 23:04:40	1.64	31.9
2021-04-11 23:04:50	1.62	31.6
2021-04-11 23:05:00	1.69	31.9
2021-04-11 23:05:10	2.51	32.0
2021-04-11 23:05:20	2.12	32.5
2021-04-11 23:05:30	1.55	33.2

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-11 23:05:40	1.49	33.2
2021-04-11 23:05:50	1.13	33.8
2021-04-11 23:08:20	2.65	31.8
2021-04-11 23:08:30	2.06	31.6
2021-04-11 23:08:40	1.72	31.6
2021-04-11 23:08:50	1.13	31.5
2021-04-11 23:09:00	1.76	31.7
2021-04-11 23:09:10	3.06	32.2
2021-04-11 23:09:20	3.40	32.0
2021-04-11 23:09:30	2.53	31.9
2021-04-11 23:09:40	2.74	31.8
2021-04-11 23:09:50	2.48	32.3
2021-04-11 23:10:00	3.06	31.9
2021-04-11 23:10:10	2.83	31.9
2021-04-11 23:10:20	2.18	31.7
2021-04-11 23:10:30	2.29	31.6
2021-04-11 23:10:40	2.32	31.8
2021-04-11 23:10:50	1.63	31.8
2021-04-11 23:11:00	2.17	32.3
2021-04-11 23:11:10	2.70	32.2
2021-04-11 23:11:20	1.73	31.8
2021-04-11 23:11:40	2.16	32.4
2021-04-11 23:11:50	2.41	31.9
2021-04-11 23:12:00	2.68	31.9
2021-04-11 23:12:10	2.29	31.8
2021-04-11 23:12:20	2.15	31.9
2021-04-11 23:12:30	1.42	31.6
2021-04-11 23:12:40	1.64	31.8
2021-04-11 23:12:50	2.52	31.8
2021-04-11 23:13:00	3.02	31.5
2021-04-11 23:13:10	2.28	31.8
2021-04-11 23:13:20	1.96	31.8
2021-04-11 23:13:30	1.75	31.6
2021-04-11 23:13:40	2.05	31.9
2021-04-11 23:13:50	2.12	32.2
2021-04-11 23:14:00	1.74	31.5
2021-04-11 23:14:10	2.02	31.8
2021-04-11 23:14:20	2.88	31.8
2021-04-11 23:14:30	2.10	31.9
2021-04-11 23:15:00	1.86	31.8
2021-04-11 23:15:10	1.74	32.0
2021-04-11 23:15:20	2.87	32.0
2021-04-11 23:15:30	1.38	32.7
2021-04-11 23:15:40	0.88	32.4
2021-04-11 23:15:50	1.99	32.5
2021-04-11 23:16:00	3.20	32.1
2021-04-11 23:16:10	0.73	32.1
2021-04-11 23:16:20	1.75	32.0
2021-04-11 23:16:30	2.44	31.7

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-11 23:16:40	3.17	31.4
2021-04-11 23:16:50	2.27	31.7
2021-04-11 23:17:00	2.19	31.9
2021-04-11 23:17:10	2.24	32.1
2021-04-11 23:17:20	2.03	32.2
2021-04-11 23:17:30	3.21	31.5
2021-04-11 23:17:40	1.72	31.8
2021-04-11 23:17:50	2.56	31.6
2021-04-11 23:18:00	2.43	32.2
2021-04-11 23:18:10	2.94	32.3
2021-04-11 23:18:20	2.27	32.5
2021-04-11 23:18:30	2.85	32.6
2021-04-11 23:18:40	3.11	32.4
2021-04-11 23:18:50	3.05	32.0
2021-04-11 23:19:00	2.73	31.6
2021-04-11 23:19:10	2.20	31.9
2021-04-11 23:19:40	1.74	31.5
2021-04-11 23:19:50	1.78	31.5
2021-04-11 23:20:00	1.95	31.7
2021-04-11 23:20:10	2.06	31.5
2021-04-11 23:20:20	1.65	31.5
2021-04-11 23:20:30	1.77	31.4
2021-04-11 23:20:40	1.82	31.5
2021-04-11 23:20:50	1.51	31.9
2021-04-11 23:21:00	1.61	31.7
2021-04-11 23:21:10	2.45	31.8
2021-04-11 23:21:20	1.90	31.6
2021-04-11 23:21:30	2.06	31.6
2021-04-11 23:21:40	2.51	31.8
2021-04-11 23:21:50	1.82	31.8
2021-04-11 23:22:00	2.46	31.8
2021-04-11 23:22:10	2.07	31.2
2021-04-11 23:22:20	1.98	31.3
2021-04-11 23:22:30	2.49	31.3
2021-04-11 23:22:40	1.43	31.2
2021-04-11 23:22:50	1.36	31.5
2021-04-11 23:23:00	1.94	31.5
2021-04-11 23:23:10	1.13	31.6
2021-04-11 23:23:20	2.41	32.1
2021-04-11 23:23:30	2.41	31.8
2021-04-11 23:23:40	2.67	33.5
2021-04-11 23:23:50	2.70	39.6
2021-04-11 23:24:10	1.55	37.8
2021-04-11 23:24:20	1.85	35.7
2021-04-11 23:24:30	1.82	35.9
2021-04-11 23:24:40	2.35	33.8
2021-04-11 23:24:50	2.46	34.3
2021-04-11 23:25:00	2.47	34.1
2021-04-11 23:25:10	2.28	34.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-11 23:25:20	1.87	34.4
2021-04-11 23:25:30	1.47	34.1
2021-04-11 23:25:40	2.03	34.0
2021-04-11 23:25:50	1.77	33.0
2021-04-11 23:26:00	2.21	32.1
2021-04-11 23:26:10	1.90	31.9
2021-04-11 23:26:20	2.09	31.6
2021-04-11 23:26:30	1.63	31.7
2021-04-11 23:26:40	1.63	31.9
2021-04-11 23:26:50	2.27	31.6
2021-04-11 23:27:00	1.53	32.3
2021-04-11 23:28:00	2.15	37.3
2021-04-11 23:28:10	2.32	34.6
2021-04-11 23:28:20	1.42	31.3
2021-04-11 23:28:30	2.28	31.2
2021-04-11 23:28:40	2.13	31.1
2021-04-11 23:28:50	1.88	31.1
2021-04-11 23:29:00	1.30	30.9
2021-04-11 23:29:10	1.29	31.0
2021-04-11 23:29:20	0.99	31.2
2021-04-11 23:29:30	1.61	31.2
2021-04-11 23:29:40	1.43	31.4
2021-04-11 23:29:50	1.49	31.1
2021-04-11 23:30:00	1.34	31.1
2021-04-11 23:30:10	1.17	30.9
2021-04-11 23:30:20	1.61	31.0
2021-04-11 23:30:30	1.67	31.1
2021-04-11 23:30:40	1.31	31.3
2021-04-11 23:30:50	2.01	31.9
2021-04-12 00:02:10	1.66	30.7
2021-04-12 00:02:20	1.19	30.4
2021-04-12 00:02:30	1.00	30.4
2021-04-12 00:02:40	0.71	30.3
2021-04-12 00:02:50	2.10	30.3
2021-04-12 00:03:00	1.69	30.2
2021-04-12 00:03:10	1.91	30.3
2021-04-12 00:03:20	1.64	30.3
2021-04-12 00:03:30	1.16	30.3
2021-04-12 00:03:40	0.75	30.4
2021-04-12 00:03:50	0.71	30.3
2021-04-12 00:04:00	1.19	30.4
2021-04-12 00:04:10	2.20	30.3
2021-04-12 00:04:20	0.94	30.2
2021-04-12 00:04:30	0.62	30.4
2021-04-12 00:04:40	0.69	30.3
2021-04-12 00:04:50	0.56	30.3
2021-04-12 00:05:00	0.61	30.3
2021-04-12 00:05:10	0.80	30.4
2021-04-12 00:05:20	0.77	30.3

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-12 00:05:30	0.56	30.2
2021-04-12 00:05:40	1.00	30.1
2021-04-12 00:05:50	1.01	30.1
2021-04-12 00:06:00	0.96	30.4
2021-04-12 00:06:10	1.06	30.1
2021-04-12 00:06:20	0.73	30.1
2021-04-12 00:07:00	0.62	30.1
2021-04-12 00:07:10	0.68	30.2
2021-04-12 00:07:20	0.62	30.4
2021-04-12 00:07:30	0.73	30.2
2021-04-12 00:07:50	0.60	30.1
2021-04-12 00:08:00	0.70	30.2
2021-04-12 00:08:10	0.65	30.1
2021-04-12 00:09:10	1.88	30.4
2021-04-12 00:09:20	1.70	30.2
2021-04-12 00:09:30	0.93	30.3
2021-04-12 00:09:40	0.95	30.4
2021-04-12 00:09:50	1.01	31.6
2021-04-12 00:11:30	0.55	31.8
2021-04-12 00:11:50	0.50	31.0
2021-04-12 00:12:00	0.87	30.9
2021-04-12 00:12:10	0.93	30.7
2021-04-12 00:16:30	0.60	30.4
2021-04-12 00:16:40	0.55	30.3
2021-04-12 00:18:40	0.90	30.5
2021-04-12 00:18:50	0.76	31.1
2021-04-12 00:19:10	0.61	30.4
2021-04-12 00:19:40	0.84	30.3
2021-04-12 00:19:50	0.58	30.0
2021-04-12 00:29:30	0.74	30.6
2021-04-12 00:29:50	0.52	30.3
2021-04-12 00:30:00	0.65	30.0
2021-04-12 00:30:10	0.60	30.2
2021-04-12 01:02:20	1.18	31.8
2021-04-12 01:02:30	1.46	30.6
2021-04-12 01:02:40	2.21	30.4
2021-04-12 01:02:50	2.21	30.5
2021-04-12 01:03:00	1.97	30.4
2021-04-12 01:03:10	1.95	30.4
2021-04-12 01:03:20	1.18	30.4
2021-04-12 01:03:30	1.26	30.7
2021-04-12 01:03:40	0.85	30.9
2021-04-12 01:03:50	0.93	30.8
2021-04-12 01:04:00	1.49	30.6
2021-04-12 01:04:10	1.97	31.2
2021-04-12 01:04:20	3.58	31.4
2021-04-12 01:04:30	1.29	31.0
2021-04-12 01:04:40	1.48	32.7
2021-04-12 01:04:50	2.14	35.1

Appendix G3 - Valid Ambient 10-Second Sound Data - Monitor C - Spring 2021

East Durham Wind Farm - Spring 2021 Audit, 1502606

Day and Time of Measurement	Average Wind Speed	Measured Leq
	(10-Second Average)	(dBA)
2021-04-12 01:05:00	2.26	32.2
2021-04-12 01:05:10	2.10	31.8
2021-04-12 01:05:20	2.72	31.8
2021-04-12 01:05:30	1.64	30.9
2021-04-12 01:05:40	1.22	32.0
2021-04-12 01:05:50	1.57	31.9
2021-04-12 01:06:00	1.95	32.0
2021-04-12 01:06:10	2.97	32.0
2021-04-12 01:06:20	2.69	30.8
2021-04-12 01:06:30	1.92	30.7
2021-04-12 01:06:40	1.45	30.7
2021-04-12 01:06:50	0.66	30.7
2021-04-12 01:07:00	0.65	30.8
2021-04-12 01:07:10	0.70	30.7
2021-04-12 01:07:20	0.85	31.1
2021-04-12 01:07:30	0.63	30.8
2021-04-12 01:07:40	1.64	30.9
2021-04-12 01:07:50	2.64	31.9
2021-04-12 01:08:00	3.15	30.9
2021-04-12 01:08:10	1.76	30.5
2021-04-12 01:08:20	0.73	30.7
2021-04-12 01:08:30	0.69	30.6
2021-04-12 01:08:40	1.02	30.8
2021-04-12 01:08:50	1.29	30.7
2021-04-12 01:09:00	0.77	31.9
2021-04-12 01:10:10	0.82	35.4
2021-04-12 01:10:30	1.45	33.7
2021-04-12 01:10:40	1.10	32.0
2021-04-12 01:10:50	0.50	32.3
2021-04-12 01:11:10	0.58	30.8
2021-04-12 01:11:30	1.57	31.0
2021-04-12 01:11:40	1.46	31.0
2021-04-12 01:11:50	1.35	31.3
2021-04-12 01:12:00	1.26	31.3
2021-04-12 01:12:10	1.08	31.9
2021-04-12 01:12:20	0.88	32.1
2021-04-12 01:13:10	0.57	30.2

A large decorative graphic on the left side of the page, featuring a blue triangle in the top-left corner and a large, light grey semi-circle that curves from the top-left towards the bottom-right, with a white border separating the two shapes.

APPENDIX H

Table H.1 - Summary of Tonal Audibility - Monitor C WTG0011 - East Duham Wind Farm

East Duham Wind Farm Wind Farm - Spring 2021 Audit, 1502606

Wind Bin	Minute File 1	Minute File 2	Minute File 3	Minute File 4	Minute File 5	Average
1	-5.02 dB	-5.99 dB	-5.99 dB	-8.38 dB	-4.53 dB	-5.8 dB
2	-2.75 dB	-6.57 dB	-6.62 dB	-0.69 dB	-1.4 dB	-2.93 dB

Table H.2 - Summary of Data Points Used In Tonality Analysis - Monitor C WTG0011 - East Duham Wind Farm

East Duham Wind Farm Wind Farm - Spring 2021 Audit, 1502606

Wind Bin 1	01 Minute			02 Minute			03 Minute			04 Minute			05 Minute		
	Time Stamp	Leq (dBA)	Wind Speed (m/s)	Time Stamp	Leq (dBA)	Wind Speed (m/s)	Time Stamp	Leq (dBA)	Wind Speed (m/s)	Time Stamp	Leq (dBA)	Wind Speed (m/s)	Time Stamp	Leq (dBA)	Wind Speed (m/s)
	03/22/2021 10:32:10 PM	42.3	1.000	03/23/2021 2:27:50 AM	38.4	1.000	03/23/2021 4:53:50 AM	37.8	1.000	03/22/2021 4:23:00 AM	39.4	1.009	03/22/2021 4:27:40 AM	38.5	1.009
	03/21/2021 10:06:00 PM	40.8	1.000	03/23/2021 1:18:10 AM	38.2	1.000	03/22/2021 3:39:10 AM	37.2	1.000	03/23/2021 3:52:00 AM	39.3	1.009	03/22/2021 10:30:30 PM	38.5	1.009
	03/22/2021 11:44:50 PM	39.5	1.000	03/23/2021 3:19:20 AM	38.2	1.000	03/21/2021 12:44:40 AM	36.8	1.000	03/22/2021 11:45:10 PM	39.1	1.009	03/23/2021 3:37:00 AM	38.4	1.009
	03/23/2021 12:44:20 AM	38.8	1.000	03/22/2021 4:30:50 AM	38.1	1.000	03/22/2021 3:15:40 AM	36.7	1.000	04/03/2021 10:35:50 PM	39.0	1.009	03/23/2021 4:56:50 AM	38.4	1.009
	03/23/2021 3:11:50 AM	38.7	1.000	03/23/2021 2:45:30 AM	38.1	1.000	03/21/2021 4:07:10 AM	36.4	1.000	03/22/2021 11:41:20 PM	38.7	1.009	03/22/2021 4:02:20 AM	38.2	1.009
	03/23/2021 12:07:00 AM	38.6	1.000	03/23/2021 2:34:10 AM	38.0	1.000	03/22/2021 11:58:00 PM	39.7	1.009	03/23/2021 12:41:50 AM	38.7	1.009	03/22/2021 3:21:20 AM	38.1	1.009

Wind Bin 2	01 Minute			02 Minute			03 Minute			04 Minute			05 Minute		
	Time Stamp	Leq (dBA)	Wind Speed (m/s)	Time Stamp	Leq (dBA)	Wind Speed (m/s)	Time Stamp	Leq (dBA)	Wind Speed (m/s)	Time Stamp	Leq (dBA)	Wind Speed (m/s)	Time Stamp	Leq (dBA)	Wind Speed (m/s)
	03/23/2021 12:49:20 AM	38.4	1.999	03/23/2021 2:53:40 AM	37.7	2.009	03/22/2021 3:40:40 AM	37.6	1.989	03/21/2021 12:48:50 AM	37.6	1.980	03/22/2021 4:42:50 AM	39.9	2.029
	03/23/2021 12:01:10 AM	37.7	1.999	03/22/2021 3:57:20 AM	37.5	2.009	03/21/2021 3:40:10 AM	36.4	2.019	03/22/2021 3:14:10 AM	37.5	1.980	03/22/2021 3:45:50 AM	38.2	2.029
	03/21/2021 4:42:20 AM	36.6	1.999	03/23/2021 4:41:20 AM	37.4	2.009	03/29/2021 10:39:40 PM	40.4	1.980	03/21/2021 3:48:00 AM	37.0	1.980	03/23/2021 12:26:20 AM	38.1	2.029
	03/21/2021 3:27:30 AM	36.4	1.999	03/21/2021 4:45:10 AM	36.8	2.009	03/23/2021 12:30:30 AM	38.5	1.980	03/21/2021 3:57:50 AM	37.0	1.980	03/21/2021 4:02:10 AM	36.9	2.029
	03/21/2021 4:23:40 AM	36.1	1.999	03/22/2021 4:19:20 AM	39.3	1.989	03/23/2021 2:51:00 AM	38.1	1.980	03/21/2021 3:12:50 AM	36.9	1.980	03/21/2021 3:49:40 AM	36.5	2.029
	03/23/2021 4:37:50 AM	38.3	2.009	03/23/2021 3:26:30 AM	38.6	1.989	03/23/2021 12:47:30 AM	37.8	1.980	03/21/2021 4:43:40 AM	36.2	1.980	03/21/2021 12:44:50 AM	37.2	1.970

Table H.3 - Summary of Tonal Audibility - Monitor C WTG0008 - East Duham Wind Farm

East Duham Wind Farm Wind Farm - Spring 2021 Audit, 1502606

Wind Bin	Minute File 1	Minute File 2	Minute File 3	Minute File 4	Minute File 5	Average
1	-1.75 dB	-0.13 dB	-0.57 dB	-0.39 dB	-0.04 dB	-0.53 dB
2	-1.54 dB	-1.08 dB	-6 dB	-0.02 dB	-1.24 dB	-1.57 dB

Table H.4 - Summary of Data Points Used In Tonality Analysis - Monitor C WTG0008 - East Duham Wind Farm

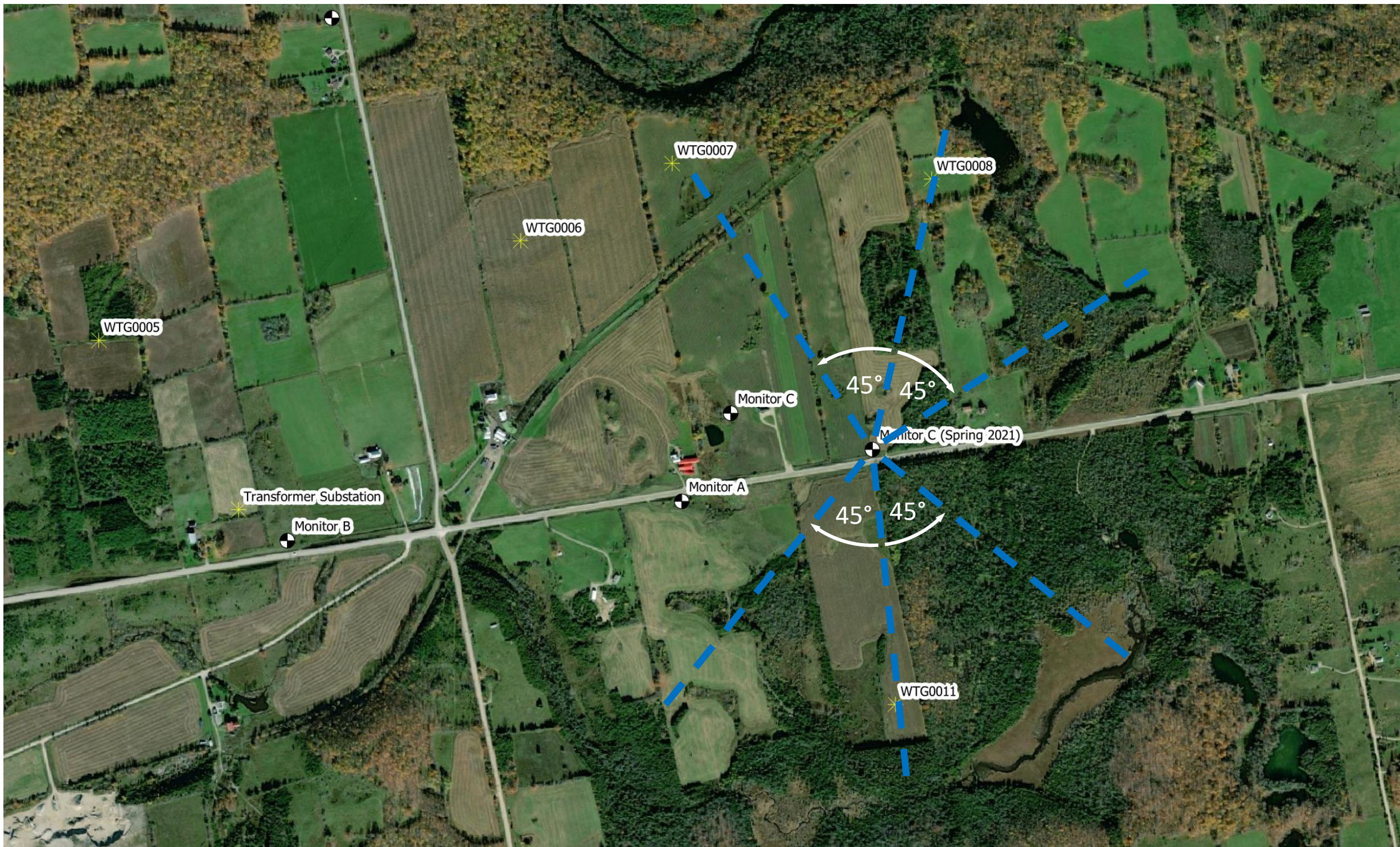
East Duham Wind Farm Wind Farm - Spring 2021 Audit, 1502606

Wind Bin 1	01 Minute			02 Minute			03 Minute			04 Minute			05 Minute		
	Time Stamp	Leq (dBA)	Wind Speed (m/s)	Time Stamp	Leq (dBA)	Wind Speed (m/s)	Time Stamp	Leq (dBA)	Wind Speed (m/s)	Time Stamp	Leq (dBA)	Wind Speed (m/s)	Time Stamp	Leq (dBA)	Wind Speed (m/s)
	05/29/2021 1:13:50 AM	39.5	1.029	05/29/2021 2:16:00 AM	38.7	1.029	05/29/2021 1:55:50 AM	38.7	0.990	05/29/2021 1:56:30 AM	38.9	1.019	05/29/2021 2:13:00 AM	39.0	0.980
	05/29/2021 3:32:30 AM	40.2	1.000	05/29/2021 2:53:20 AM	38.9	0.960	05/29/2021 2:05:30 AM	39.2	0.990	05/29/2021 2:04:00 AM	38.8	1.019	05/29/2021 2:30:10 AM	38.7	0.980
	05/23/2021 10:55:10 PM	38.7	1.039	05/29/2021 1:34:40 AM	38.5	0.960	05/29/2021 2:36:10 AM	39.8	0.990	05/29/2021 4:02:30 AM	40.7	1.029	05/28/2021 11:29:40 PM	39.8	0.970
	05/23/2021 11:14:40 PM	38.9	1.039	05/28/2021 10:19:40 PM	39.4	1.039	05/29/2021 3:10:00 AM	39.4	0.990	05/23/2021 11:09:50 PM	40.2	0.970	05/29/2021 2:05:10 AM	40.2	0.970
	05/29/2021 2:13:20 AM	39.7	1.029	05/28/2021 10:14:20 PM	40.3	0.960	05/28/2021 11:14:30 PM	38.3	1.019	05/28/2021 10:58:50 PM	39.6	0.970	05/29/2021 3:19:10 AM	39.6	0.970
	05/28/2021 11:29:00 PM	38.2	1.009	05/29/2021 3:29:50 AM	40.6	1.039	05/28/2021 11:25:30 PM	37.9	1.019	05/28/2021 11:17:00 PM	38.3	0.970	05/29/2021 1:11:50 AM	39.4	1.029

Wind Bin 2	01 Minute			02 Minute			03 Minute			04 Minute			05 Minute		
	Time Stamp	Leq (dBA)	Wind Speed (m/s)	Time Stamp	Leq (dBA)	Wind Speed (m/s)	Time Stamp	Leq (dBA)	Wind Speed (m/s)	Time Stamp	Leq (dBA)	Wind Speed (m/s)	Time Stamp	Leq (dBA)	Wind Speed (m/s)
	05/29/2021 2:51:50 AM	38.7	1.950	05/29/2021 3:12:50 AM	39.3	1.970	03/18/2021 11:25:20 PM	39.9	2.019	05/29/2021 3:28:40 AM	39.8	2.019	05/29/2021 3:29:20 AM	40.6	2.038
	05/29/2021 2:38:30 AM	39.1	1.960	05/29/2021 3:52:20 AM	40.1	1.970	03/19/2021 12:35:50 AM	41.2	2.019	05/29/2021 3:30:30 AM	40.2	2.019	05/29/2021 3:26:50 AM	40.9	1.980
	05/29/2021 3:27:30 AM	40.5	1.950	04/25/2021 11:40:30 PM	37.5	1.989	04/25/2021 10:17:40 PM	38.6	2.019	05/29/2021 1:06:30 AM	38.5	1.960	05/28/2021 10:23:20 PM	39.9	1.960
	05/29/2021 2:36:50 AM	40.1	1.970	04/25/2021 11:40:50 PM	38.2	1.989	05/28/2021 11:21:10 PM	38.0	2.019	05/29/2021 3:00:50 AM	39.4	2.038	05/29/2021 3:53:20 AM	40.2	1.980
	05/29/2021 3:47:50 AM	41.8	2.048	05/29/2021 3:33:50 AM	39.7	1.950	05/29/2021 1:13:10 AM	39.9	2.019	05/29/2021 1:20:30 AM	38.5	1.980	05/23/2021 10:52:50 PM	38.4	2.058
	05/29/2021 2:34:20 AM	39.6	2.009	05/28/2021 11:24:10 PM	37.6	2.058	05/29/2021 3:16:10 AM	39.0	2.019	05/29/2021 3:06:00 AM	39.2	2.038	05/29/2021 3:09:20 AM	40.0	2.029

A large decorative graphic on the left side of the page, featuring a blue triangle at the top left corner and a large, light gray semi-circle that curves from the top left towards the bottom right. The text 'APPENDIX I' is centered within the gray area.

APPENDIX I



Wind Angles – Monitor C

Drawn by: LRC

Figure: I.1

Project #:

1502606

Date:

2021-07-12

