Sydney Metro City and Southwest – North Corridor Works
Construction Noise and Vibration Management Plan (CNVMP)

Document

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Revisions

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22/06/2018	V0.1	1st Draft to LOR	ERM	LOR
06/07/2018	V0.2	2nd Draft to LOR	ERM	LOR
14/08/2018	V.03	Address Sydney Metro, AA + ER Comments	ERM	LOR
27/09/2018	V.04	Address additional Sydney Metro, AA + ER Comments	ERM	LOR
09/11/2018	V.05	Address DPE comments	ERM	LOR

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Terms and definitions

The following general terms, abbreviations and definitions are used in this plan.

Terms	Explanation
A1055	Standards Australia AS1055–1997™ – Description and Measurement of Environmental Noise
AMM	Additional Mitigation Measures
AMMM	Additional Mitigation Measures Matrix
AS2436	Standards Australia AS 2436–2010™ – Guide to Noise and Vibration Control on Construction, Demolition and Maintenance Sites.
AS61672 or AS1259	Standards Australia AS IEC 61672.1–2004™ – Electro Acoustics - Sound Level Meters Specifications Monitoring or Standards Australia AS1259.2-1990™ – Acoustics – Sound Level Meters – Integrating/Averaging as appropriate to the device.
BS 6472	British Standard (BS 6472–1992) – Evaluation of Human Exposure to Vibration in Buildings (1 Hz to 80 Hz) dated 1992;
BS 7385	British Standard BS7385: Part 2-1993 - Evaluation and Measurement for Vibration in Buildings — Part 2 – Guide to Damage Levels from Ground-borne Vibration, dated 1993.
CNVS (I&S)	Transport for NSW Infrastructure and Services Division (TfNSW I&S) - Construction Noise and Vibration Strategy (I&S CNVS), May 2018;
CNVS (SM)	TfNSW - Sydney Metro Construction Noise and Vibration Strategy (SM CNVS), August 2016 and CNVS Addendum June 2017. (Report No 610.14213-R3).
CNVIS	Construction Noise and Vibration Impact Statement
CNVMP	Construction Noise and Vibration Management Plan
CoA	Conditions of Approval
DIN4150:3	German Institute for Standardisation – DIN 4150 (1999-02) Part 3 – Structural Vibration - Effects of Vibration on Structures.
EIS	Environmental Impact Statement
EMS	Environmental Management System
EPA	NSW Environment Protection Authority
ER	Environmental Representative
ERM	Environmental Resources Management Australia Pty Ltd
HNML	Highly Noise Affected Management Level
ICNG	NSW Department of Environment and Climate Change – NSW Interim Construction Noise Guideline, July 2009.
IEC60942	Standards Australia AS/IEC 60942:2004/IEC 60942:2003 – Australian Standard™ – Electroacoustic – Sound Calibrators.
INP	NSW Environment Protection Authority – NSW Environmental Noise Management – Industrial Noise Policy, January 2000 and relevant application notes.
Laing O'Rourke	Laing O'Rourke Australia Construction Pty Limited
LGA	Local Government Area
LOR	Laing O'Rourke Australia Construction Pty Limited
Minister, the	NSW Minister for Planning

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Terms	Explanation
NCA	Noise Catchment Area
NML	Noise Management Level
NSW Vibration Guideline, the	NSW Department of Environment and Conservation – NSW Environmental Noise Management – Assessing Vibration: a Technical Guideline (the NSW Vibration Guideline), February 2006.
OEH	Office of Environment and Heritage
OOHW	Out of Hours Works
POEO Act	Protection of the Environment Operations Act 1997
RNP	NSW Department of Environment, Climate Change and Water – NSW Road Noise Policy, March 2011.
SSI	State Significant Infrastructure
TfNSW	Transport for New South Wales
the project	North Corridor Works Project

The following technical terms, abbreviations and definitions are used in this plan. A glossary of relevant acoustical concepts and terminology is provided in **Appendix A.**

Terms	Explanation
Decibel, dB	The unit used to describe sound levels and noise exposure. It is equivalent to 10 times the logarithm (to base 10) of the ratio of a given sound pressure to a reference pressure
dBA	The unit used to measure 'A-weighted' sound pressure levels. A-weighting is an adjustment made to sound-level measurement to approximate the response of the human ear
L_{Aeq}	Equivalent Continuous Sound Level
$L_{Aeq, 15minute}$	Equivalent Continuous Sound Level, over a period of 15 minutes
L_{A90}	Background Noise Level
RBL	Rating Background Level
LW or SWL	Sound Power Level
LP or SPL	Sound Pressure Level
PPV	Peak Particle Velocity (in mm/s)
VDV	Vibration Dose Value (in $m/s^{1.75}$)
mm/s	Millimetres per second
m/s	Metres per second

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0. Consolidated Compliance Matrix

Table 1 - Compliance Matrix – CoA

Item	Requirement	Document Reference
A1	The CSSI must be constructed generally in accordance with the description of the CSSI in the EIS as amended by the: (a) description in the PIR; (b) Sydney Metro City and Southwest Chatswood to Sydenham Victoria Cross Station and Artarmon Substation Modification Report (Transport for NSW) as amended by the Victoria Cross and Artarmon Substation Modification Submission Report (Transport for NSW); and (c) the terms of this approval	This CNVMP
A2	The CSSI must be carried out in accordance with all procedures, commitments, preventative actions, performance criteria and mitigation measures set out in the EIS as amended by the documents listed in A1, unless otherwise specified in, or required under, the approval.	This CNVMP
A3	In the event of an inconsistency between the EIS as amended by the description in Chapters 2, 3 and 9 of the PIR, or any other document required under this approval, and a term of this approval, the term of this approval prevails to the extent of the inconsistency. For the purpose of this condition, there will be an inconsistency between a term of this approval and any document if it is not possible to comply with both the term and the document.	Section 2.2
A9	Where the terms of this approval require consultation with identified parties, details of the consultation undertaken, matters raised by the parties, and how the matters were considered must accompany the strategies, plans, programs, reviews, audits, protocols and the like submitted to the Secretary.	Section 1.4
A22	A suitably qualified and experienced Environmental Representative (ER) who is independent of the design and construction personnel must be nominated by the Proponent, approved by the Secretary and engaged for the duration of construction of the CSSI. Additional ERs may be engaged for the purpose of this condition in which case the obligations to be carried out by an ER under the terms of this approval may be satisfied by any ER that is approved by the Secretary. The details of nominated ER(s) must be submitted to the Secretary for approval no later than one month before the commencement of works, or within another timeframe agreed with the Secretary.	Section 12.1
A23	Works must not commence until an ER nominated under Condition A22 of this approval in respect of such works has been approved by the Secretary.	Section 12.1
A24	From commencement of construction until completion of construction, the approved ER must: a) receive and respond to communications from the Secretary in relation to the environmental performance of the CSSI; b) consider and inform the Secretary on matters specified in the terms of this approval; c) consider and recommend any improvements that may be made to work practices to avoid or minimise adverse impact to the environment and to the community; d) review all documents required to be prepared under the terms of this approval, ensure they address any requirements in or under this approval and if so, endorse them before submission to the Secretary (if required to be submitted to the Secretary) or before implementation (if not required to be submitted to the Secretary). For documents requiring specialist review and/or endorsement the ER is not required to endorse the specialist content; e) regularly monitor the implementation of all documents required by the terms of this approval for implementation in accordance with what is stated in the document and the terms of this approval; f) review the Proponent's notification of incidents in accordance with Condition A41 of this approval; g) as may be requested by the Secretary, help plan, attend or undertake Department audits of the CSSI, briefings, and site visits;	Section 12.1

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Item	Requirement	Document Reference
	h) if conflict arises between the Proponent and the community in relation to the environmental performance of the CSSI, follow the procedure in the Community Communication Strategy approved under Condition B3 of this approval to attempt to resolve the conflict, and if it cannot be resolved, notify the Secretary; i) review any draft consistency assessment that may be carried out by the Proponent, and provide advice on any additional mitigation measures required to minimise the impact of the work; j) consider any minor amendments to be made to the CEMP, CEMP sub-plans and monitoring programs that comprise updating or are of an administrative nature, and are consistent with the terms of this approval and the CEMP, CEMP sub-plans and monitoring programs approved by the Secretary and, if satisfied such amendment is necessary, approve the amendment. This does not include any modifications to the terms of this approval; k) assess the impacts of minor ancillary facilities as required by Condition A18 of this approval; and l) prepare and submit to the Secretary and other relevant regulatory agencies, for information, a monthly Environmental Representative Report detailing the ER's actions and decisions on matters for which the ER was responsible in the preceding month (or other timeframe agreed with the Secretary). The Environmental Representative Report must be submitted within seven (7) days following the end of each month for the duration of works and construction of the CSSI, or as otherwise agreed with the Secretary.	
A25	A suitably qualified and experienced Acoustics Advisor (AA), who is independent of the design and construction personnel, must be nominated by the Proponent and engaged for the duration of construction and for no less than six (6) months following operation of the CSSI. The details of the nominated AA must be submitted to the Secretary for approval no later than one (1) month before commencement of works, or within another timeframe as agreed with the Secretary. The Proponent may nominate additional suitably qualified and experienced persons to assist the lead Acoustics Advisor for the Secretary's approval. The Proponent must cooperate with the AA by: a) providing access to noise and vibration monitoring activities as they take place; b) providing for review of noise and vibration plans, assessments, monitoring reports, data and analyses undertaken; and c) considering any recommendations to improve practices and demonstrating, to the satisfaction of the AA, why any recommendation is not adopted.	Section 12.1
A26	Any activities generating noise and vibration in excess of the Noise Management Level derived from the Interim Construction Noise Guideline must not commence until an AA, nominated under **Condition A25** of this approval, has been approved by the Secretary.	Section 12.1
A27	The approved AA must: a) receive and respond to communication from the Secretary in relation to the performance of the CSSI in relation to noise and vibration; b) consider and inform the Secretary on matters specified in the terms of this approval relating to noise and vibration; c) consider and recommend, to the Proponent, improvements that may be made to work practices to avoid or minimise adverse noise and vibration impacts; d) review all noise and vibration documents required to be prepared under the terms of this approval and, should they be consistent with the terms of this approval, endorse them before submission to the Secretary (if required to be submitted to the Secretary) or before implementation (if not required to be submitted to the Secretary); e) regularly monitor the implementation of all noise and vibration documents required to be prepared under the terms of this approval to ensure implementation is in accordance with what is stated in the document and the terms of this approval; f) notify the Secretary of noise and vibration incidents in accordance with **Condition A41** of this approval; g) in conjunction with the ER, the AA must: i. consider requests for out of hours construction activities and determine whether to endorse the proposed activities in accordance with **Condition E47**;	Section 12.1

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Item	Requirement	Document Reference
	ii. as may be requested by the Secretary or Complaints Commissioner, help plan, attend or undertake audits of noise and vibration management of the CSSI including briefings, and site visits; iii. if conflict arises between the Proponent and the community in relation to the noise and vibration performance during construction of the CSSI, follow the procedure in the Community Communication Strategy approved under Condition B3 of this approval to attempt to resolve the conflict, and if it cannot be resolved, notify the Secretary; iv. consider relevant minor amendments made to the CEMP, relevant sub-plans and noise and vibration monitoring programs that require updating or are of an administrative nature, and are consistent with the terms of this approval and the management plans and monitoring programs approved by the Secretary and, if satisfied such amendment is necessary, endorse the amendment. This does not include any modifications to the terms of this approval; v. assess the noise impacts of minor ancillary facilities as required by **Condition A18** of this approval; and vi. prepare and submit to the Secretary and other relevant regulatory agencies, for information, a monthly Noise and Vibration Report detailing the AAs actions and decisions on matters for which the AA was responsible in the preceding month (or other timeframe agreed with the Secretary). The Noise and Vibration Report must be submitted within seven (7) days following the end of each month for the duration of construction of the CSSI, or as otherwise agreed with the Secretary.	
C2	The CEMP must provide: a) a description of activities to be undertaken during construction (including the scheduling of construction) b) details of environmental policies, guidelines and principles to be followed in the construction of the CSSI c) a schedule for compliance auditing d) a program for ongoing analysis of the key environmental risks arising from the activities described in subsection (a) of this condition, including an initial risk assessment undertaken before the commencement of construction of the CSSI e) details of how the activities described in subsection (a) of this condition will be carried out to: i. meet the performance outcomes stated in the EIS as amended by the documents listed in A1(a) to A1(c) inclusive; and ii. manage the risks identified in the risk analysis undertaken in subsection (d) of this condition. f) an inspection program detailing the activities to be inspected and frequency of inspections g) a protocol for managing and reporting any: i. incidents; and ii. non-compliances with this approval and with statutory requirements h) procedures for rectifying any non-compliance with this approval identified during compliance auditing, incident management or at any time during construction i) a list of all the CEMP sub-plans required in respect of construction, as set out in Condition C3. Where staged construction of the CSSI is proposed, the CEMP must also identify which CEMP sub-plan applies to each of the proposed stages of construction j) a description of the roles and environmental responsibilities for relevant employees and their relationship with the ER k) for training and induction for employees, including contractors and sub-contractors, in relation to environmental and compliance obligations under the terms of this approval l) for periodic review and update of the CEMP and all associated plans and programs	Section 8, Section 9, Section 12, Table 8.1

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Item	Requirement	Document Reference
C3	The following CEMP sub-plans must be prepared in consultation with the relevant government agencies identified for each CEMP sub-plan and be consistent with the CEMF and CEMP referred to in **Condition C1**. The Construction Traffic Management Plan must also be prepared in accordance with the Construction Traffic Management Framework as required by Condition E81. a) Noise and Vibration – consult with relevant council(s) b) Biodiversity - OEH and Relevant Council(s) c) Air Quality - N/A d) Soil and Water - DPI Water, Relevant Council(s), OEH, SES, NSW Fire and Rescue e) Groundwater - DPI Water f) Heritage - Heritage Council (or its delegate) and Relevant Council(s)	Section 1.4, Table 5 - Compliance Matrix – Sydney Metro CEMF.
C4	The CEMP sub-plans must state how: a) the environmental performance outcomes identified in the EIS as amended by the documents listed in A1(a)to A1(c) inclusive will be achieved; b) the mitigation measures identified in the EIS as amended by the documents listed in A1(a) to A1(c) inclusive will be implemented; c) the relevant terms of this approval will be complied with; and d) issues requiring management during construction, as identified through ongoing environmental risk analysis, will be managed.	a) Section 8 b) Refer Table 2 below c) This table d) Refer Table 5 below
C5	The CEMP sub-plans must be developed in consultation with relevant government agencies. Where an agency(ies) request(s) is not included, the Proponent must provide the Secretary justification as to why. Details of all information requested by an agency to be included in a CEMP sub-plan as a result of consultation and copies of all correspondence from those agencies, must be provided with the relevant CEMP sub-plan.	Section 1.4
C8	Construction must not commence until the CEMP and all CEMP sub-plans have been approved by the Secretary. The CEMP and CEMP sub-plans, as approved by the Secretary, including any minor amendments approved by the ER, must be implemented for the duration of construction. Where the CSSI is being staged, construction of that stage is not to commence until the relevant CEMP and sub-plans have been approved by the Secretary.	Section 2.3
C9	The following Construction Monitoring Programs must be prepared in consultation with the relevant government agencies identified for each Construction Monitoring Program to compare actual performance of construction of the CSSI against predicted performance. **Required Construction Monitoring Programs** / **Relevant government agencies to be consulted for each Construction Monitoring Program** A Noise and Vibration — EPA and Relevant Council(s) B Blasting — EPA and Relevant Council(s) C Water Quality — EPA and Relevant Council(s) D Groundwater — DPI Water	Section 10, Construction Noise and Vibration (CNV) Monitoring Program

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Item	Requirement	Document Reference
C10	Each Construction Monitoring Program must provide: a. details of baseline data available; b. details of baseline data to be obtained and when; c. details of all monitoring of the project to be undertaken; d. the parameters of the project to be monitored; e. the frequency of monitoring to be undertaken; f. the location of monitoring; g. the reporting of monitoring results; h. procedures to identify and implement additional mitigation measures where results of monitoring are unsatisfactory; and i. any consultation to be undertaken in relation to the monitoring programs.	CNV Monitoring Program a. Section 3.1 b. Section 3.1 c. Section 10.1 d. Section 10.1 e. Section 10.1 f. Section 10.2 g. Section 10.2 h. Section 10 i. Section 1.4
C11	The Noise and Vibration Construction Monitoring Program and Blast Construction Monitoring Program must include provision of real time noise and vibration monitoring data. The real time data must be available to the construction team, Proponent, ER and AA in real time. The Department and EPA must be provided with access to the real time monitoring data in real time.	Section 4.1 of the CNV Monitoring Program
C12	The Construction Monitoring Programs must be developed in consultation with relevant government agencies as identified in Condition C9 of this approval and must include, to the written satisfaction of the Secretary, information requested by an agency to be included in a Construction Monitoring Programs during such consultation. Details of all information requested by an agency including copies of all correspondence from those agencies, must be provided with the relevant Construction Monitoring Program.	Section 1.2 of the CNV Monitoring Program
C13	The Construction Monitoring Programs must be endorsed by the ER and then submitted to the Secretary for approval at least one (1) month before commencement of construction or within another timeframe agreed with the Secretary.	Section 1.2 of the CNV Monitoring Program
C14	Construction must not commence until the Secretary has approved all of the required Construction Monitoring Programs, and all relevant baseline data for the specific construction activity has been collected.	Section 1.2 of the CNV Monitoring Program
C15	The Construction Monitoring Programs, as approved by the Secretary including any minor amendments approved by the ER, must be implemented for the duration of construction and for any longer period set out in the monitoring program or specified by the Secretary, whichever is the greater.	Section 1.1 of the CNV Monitoring Program
C16	The results of the Construction Monitoring Programs must be submitted to the Secretary for information, and relevant regulatory agencies, for information in the form of a Construction Monitoring Report at the frequency identified in the relevant Construction Monitoring Program.	Section 4.8 of the CNV Monitoring Program
C17	Where a relevant CEMP sub-plan exists, the relevant Construction Monitoring Program may be incorporated into that CEMP sub-plan.	CNV Monitoring Program

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Item	Requirement	Document Reference
E28	**Vibration** The Proponent must ensure that vibration from construction activities does not exceed the vibration limits set out in the British Standard BS 7385-2:1993 Evaluation and measurement for vibration in buildings. Guide to damage levels from ground-borne vibration	Section 4.4, Section 5.3
E29	Owners of properties at risk of exceeding the screening criteria for cosmetic damage must be notified before construction that generates vibration commences in the vicinity of those properties. The management of construction works in the vicinity of properties at risk of exceeding the screening criteria for cosmetic damage must be considered in the Noise and Vibration management sub plan required by **Condition C3.**	Section 8.2
E31	The Proponent must seek the advice of a heritage specialist on methods and locations for installing equipment used for vibration, movement and noise monitoring of heritage-listed structures.	Section 8.1.3
E32	**Construction Noise and Vibration Strategy** The Proponent must review the Sydney Metro City and Southwest Construction Noise and Vibration Strategy in the PIR during detailed construction planning to consider scale and duration of impacts, the requirements of this approval and all measures to limit construction noise impacts to sensitive receptors including: a) at property or architectural treatment; b) relocation; and c) other forms of mitigation where impacts are predicted to be long term and significant. The revised Sydney Metro City and Southwest Construction Noise and Vibration Strategy must be submitted to the Secretary for approval at least one (1) month before construction commences. *Note: The Construction Noise and Vibration Strategy was prepared by TfNSW and approved by DP&E. In accordance with condition allocation in the contract, LORAC is required to comply with the Sydney Metro City & Southwest Construction Noise and Vibration Strategy for all works south of Chatswood Station, including any subsequent versions of this document which may be produced. This CNVMP has been prepared to assist LORAC achieve this.*	This CNVMP Section 8 Section 8.2
E33	Construction Noise and Vibration Impact Statements must be prepared for each construction site before construction noise and vibration impacts commence and include specific mitigation measures identified through consultation with affected sensitive receivers.	Section 7, Section 8
E34	Noise generating works in the vicinity of potentially-affected community, religious, educational institutions and noise and vibration-sensitive businesses and critical working areas (such as theatres, laboratories and operating theatres) must not be timetabled within sensitive periods, unless other reasonable arrangements to the affected institutions are made at no cost to the affected institution or as otherwise approved by the Secretary.	Section 6.1

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Item	Requirement	Document Reference
E36	**Standard Construction Hours** Construction, except as allowed by **Condition E48** (excluding cut and cover tunnelling), must only be undertaken during the following standard construction hours: a) 7:00am to 6:00pm Mondays to Fridays, inclusive; b) 8:00am to 1:00pm Saturdays; and *c)* at no time on Sundays or public holidays.	Section 6.1
E39	The Proponent must consult with proponents of other construction works in the vicinity of the CSSI and take reasonable steps to coordinate works to minimise cumulative impacts of noise and vibration and maximise respite for affected sensitive receptors.	Section 7.2.1, Table 8.1
E40	The Proponent must ensure all works (including utility works associated with the CSSI where undertaken by third parties) are coordinated to provide the required respite periods identified in accordance with the terms of this approval.	Section 7.2.1, Table 8.1
E41	**Mitigation – Non Residential Zones** The Proponent must ensure that residential receptors, located in non-residential zones, likely to experience an internal noise level exceeding Leq,15 minute 60 dB(A) between 8pm and 9pm or Leq, 15 minute 45 dB(A) between 9pm and 7am (inclusive of a 5 dB penalty if rock breaking or any other annoying activity likely to result in ground-borne noise, or a perceptible level of vibration is planned (including works associated with utility adjustments)) must be offered additional mitigation in accordance with the Sydney Metro City and South West Noise and Vibration Strategy referenced in **Condition E32**.	Section 8.2, Table 8.1, Section 7.2.2
E42	**Mitigation – Residential receptors in residential zones** The Proponent must ensure that residential receptors in residential zones likely to experience an internal noise level of Leq, 15 minute 45 dB(A) or greater between 8pm and 7am (inclusive of a 5 dB penalty if rock breaking or any other annoying activity likely to result in ground-borne noise, or a perceptible level of vibration is planned (including works associated with utility adjustments)) must be offered additional mitigation in accordance with the Sydney Metro City and South West Noise and Vibration Strategy referenced in **Condition E32**.	Section 8.2, Table 8.1, Section 7.2.2
E43	**Workplace health and safety for nearby workers** At no time can noise generated by construction exceed the National Standard for exposure to noise in the occupational environment of an eight-hour equivalent continuous A-weighted sound pressure level of LAeq, 8h of 85dBA for any employee working at a location near the CSSI.	Table 8.1
E45	On becoming aware of the need for emergency construction in accordance with **Condition E44(b)**, the Proponent must notify the AA, the ER and the EPA (if an EPL applies) of the need for those activities or work. The Proponent must also use best endeavours to notify all affected sensitive receptors of the likely impact and duration of those works.	Section 6.1.2, Table 8.1

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Item	Requirement	Document Reference
E46	Notwithstanding Conditions E44 and E48, rock breaking and other particularly annoying activities for station shaft or cut and cover stations is not permitted outside of standard construction hours, except at Central; or a) where it is required in an emergency to avoid injury or the loss of life, to avoid damage or loss of property or to prevent environmental harm; or b) where different construction hours are permitted or required under an EPL in force in respect of the construction; or c) construction that causes LAeq(15 min) noise levels: i. no more than 5 dB(A) above the rating background level at any residence in accordance with the Interim Construction Noise Guideline (DECC, 2009); and ii. no more than the noise management levels specified in Table 3 of the Interim Construction Noise Guideline (DECC, 2009) at other sensitive land uses; and iii. continuous or impulsive vibration values, measures at the most affected residence are no more than those for human exposure to vibration, specified in Table 2.2 of Assessing Vibration: a technical guideline (DEC, 2006); and iv. intermittent vibration values measured at the most affected residence are no more than those for human exposure to vibration, specified in Table 2.4 of Assessing Vibration: a technical guideline (DEC, 2006).	Section 6.1, Section 8, Table 8.1
E48	**24 Hour Construction** Notwithstanding **Condition E36** of this approval and subject to **Condition E47**, the following activities may be undertaken 24 hours per day, seven (7) days per week: a) tunnelling and associated support activities (excluding cut and cover tunnelling); b) excavation within an acoustic enclosure; **c) excavation at Central without an acoustic enclosure;** d) station and tunnel fit out; and e) haulage and delivery of spoil and materials.	Section 6.1.1, Appendix B, Table 8.1

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Table 2 - Compliance Matrix – PIR Revised Environmental Mitigation Measures (REMM)

Item	Requirement	Document Reference
NV1	The Construction Noise and Vibration Strategy would be implemented with the aim of achieving the noise management levels where feasible and reasonable. This would include the following example standard mitigation measures where feasible and reasonable: • Provision of noise barriers around each construction site • Provision of acoustic sheds at Chatswood dive site, Crows Nest, Victoria Cross, Barangaroo Martin Place, Pitt Street, Waterloo and Marrickville dive site • The coincidence of noisy plant working simultaneously close together would be avoided • Offset distances between noisy plant and sensitive receptors would be increased • Residential grade mufflers would be fitted to all mobile plant • Dampened rock hammers would be used • Non-tonal reversing alarms would be fitted to all permanent mobile plant • High noise generating activities would be scheduled for less sensitive period considering the nearby receptors • The layout of construction sites would consider opportunities to shield receptors from noise. This would also include carrying out the requirements in relation to construction noise and vibration monitoring.	Section 8, Table 8.1
NV2	Unless compliance with the relevant traffic noise criteria can be achieved, night time heavy vehicle movements at the Chatswood dive site, Crows Nest Station, Victoria Cross Station and Waterloo Station sites would be restricted to: • The Pacific Highway and Mowbray Road at the Chatswood dive site • The Pacific Highway, Hume Street and Oxley Street at the Crows Nest Station construction site • McLaren Street, Miller Street and Berry Street at the Victoria Cross Station construction site • Botany Road and Raglan Street at the Waterloo Station construction site.	Section 8, Table 8.1
NV3	Where vibration levels are predicted to exceed the screening criteria, a more detailed assessment of the structure and attended vibration monitoring would be carried out to ensure vibration levels remain below appropriate limits for that structure. For heritage items, the more detailed assessment would specifically consider the heritage values of the structure in consultation with a heritage specialist to ensure sensitive heritage fabric is adequately monitored and managed.	Section 8.1.1, Section 8.1.3
NV4	Feasible and reasonable measures would be implemented to minimise ground borne noise where exceedances are predicted.	Section 8.1.1, Section 8.1.2, Section 8.2

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Item	Requirement	Document Reference
NV6	Transport for NSW would engage an Independent Acoustic Advisor to act independently of the design and construction teams and provide oversight of construction methods, construction noise and vibration planning, management and mitigation, and construction noise and vibration monitoring and reporting. The key responsibilities of the Independent Acoustic Advisor would include : • Assurance of contractor noise and vibration planning, modelling, management and monitoring practices • Verification of compliance with relevant guidelines and approval requirements • Audit noise and vibration management practices.	Section 12.1
NV7	Alternative demolition techniques that minimise noise and vibration levels would be investigated and implemented where feasible and reasonable. This would include consideration of: • The use of hydraulic concrete shears in lieu of hammers/rock breakers • Sequencing works to shield noise sensitive receptors by retaining building wall elements • Locating demolition load out areas away from the nearby noise sensitive receptors • Providing respite periods for noise intensive works • Methods to minimise structural-borne noise to adjacent buildings including separating the structural connection prior to demolition through saw-cutting and propping, using hand held splitters and pulverisers or hand demolition • Installing sound barrier screening to scaffolding facing noise sensitive neighbours • Modifying demolition works sequencing / hours to minimise impacts during peak pedestrian times and / or adjoining neighbour outdoor activity periods.	Section 8

Table 3 - Compliance Matrix – PIR Revised Environmental Performance Outcomes

Item	Requirement	Document Reference
PIR, Table 11-2	• **Noise and vibration – amenity (requirement)**: Construction noise and vibration (including airborne noise, ground-borne noise and blasting) are effectively managed to minimize adverse impacts on acoustic amenity. • **Environmental performance outcome:** Noise levels would be minimised with the aim of achieving the noise management levels where feasible and reasonable.	Section 8
PIR, Table 11-2	• **Noise and vibration – structural (requirement)**: Construction noise and vibration (including airborne noise, ground-borne noise and blasting) are effectively managed to minimize adverse impacts on the structural integrity of buildings and items including Aboriginal places and environmental heritage. • **Environmental performance outcome:** The project would avoid any damage to buildings from vibration.	Section 8

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Table 4 - Compliance Matrix – MR - minor E

Item	Requirement	Document Reference
2.1	The Contractor must comply with the requirements of the SM ES-ST-204 Sydney Metro Construction Environmental Management Framework (CEMF), as detailed in Annexure A and any other reference Documents identified in Annexure B of the Management Requirement Minor – Environment (MR - minor E).	Section 10
2.2	a) The Contractor must provide a monthly report, using the SM ES-FT-421 Sydney Metro City & Southwest Environmental Reporting Template	Section 10
2.2	b) Within 5 Business Days each Calendar Quarter Date, a register of ongoing Environmental Compliance Requirements (ECRs) must be submitted to the Environmental Representative for review in accordance with the Contract, which identifies progress and evidence if compliance against each ECR.	Section 10
2.2	c) The register of ECRs must classify each ECR as: i. Ongoing or Complete, to indicate their progress; and ii. Compliant or Non-Compliant, to indicate compliance.	Section 10

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Table 5 - Compliance Matrix – Sydney Metro CEMF (as required by Annexure A of MR- minor E)

Item	Requirement	Document Reference
2.1	**Key Legislative Requirements** Table 1.1 of the CEMF identifies key NSW environmental legislative requirements and their application to SM C&SW construction works, current as at the date of this document. TfNSW and its Contractors should regularly review their legislative requirements.	Section 2
2.2	**Environmental Approvals** Sydney Metro City and Southwest is also classified as Critical State Significant Infrastructure and requires approval from a consent authority under the requirements of the Environmental Protection and Assessment Act 1997 (Section 115W). Two separate approvals will be sought: i. Sydney Metro City and Southwest - Chatswood to Sydenham ii. Sydney Metro City and Southwest - Sydenham to Bankstown The requirements of the approval are required to be complied with by TfNSW. Responsibility for implementing mitigation measures and conditions of approval will be allocated between TfNSW and Principal Contractors as appropriate. Typically TfNSW will produce a Staging Report which sets out the applicability and allocation of approval requirements within the project¡¦s program of works.	Section 1.2.2.3
2.3	**Environment Protection Licence Requirements** Sydney Metro projects often meet the definition of a number of scheduled activities under Schedule 1 of the Protection of the Environmental Operation Act 1997 (POEO Act) and as such our contractors may be required to obtain an Environment Protection Licence (EPL) or work under the existing EPL held by Sydney Trains. Where required, Sydney Metro Principal Contractors will: a) Apply for and be granted an EPL from the EPA. b) Hold an EPL which covers their scope of works as necessary under the POEO Act. c) Undertake their scope of works in accordance with the conditions of the applicable EPLs as issued by the EPA. d) Work under the existing Sydney Trains EPL.	Section 2
2.4	**Standards and Guidelines** Numerous environmental publications, standards, codes of practice and guidelines are relevant to TfNSW construction and are referenced throughout this Construction Environmental Management Framework. A summary of these applicable standards and guidelines is provided in Table 1.3 of the CEMF.	Section 2.2
3.3	**Construction Environmental Management Plan** The Contractor must comply with the requirements to prepare a CEMP and in addition to the requirements of Section 3.3 of the CEMF, the Principal Contractor's procedures included in the CEMP must be consistent with the following Reference Documents: i. City and Southwest Construction Noise and Vibration Strategy (SM ES-ST-210); ii. Environmental Incident Classification and Reporting Procedure (SM ES-PW-303); iii. Water Discharge and Reuse Procedure (SM ES-PW-309); iv. Planning Approval Consistency Procedure (SM ES-PW-314); and v. Environment & Sustainability Policy (SM SE MM 102).	Section 2.2

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Item	Requirement	Document Reference
3.4	**Construction Environmental Management Sub-Plans** The Contractor must comply with the requirements of section 3.4 of the CEMF and in relation to Section 3.4 a. only the following issue-specific environmental Sub plans to the CEMP, are required: i. Construction Traffic Management Plan (and its sub-plans per section 8.2); ii. Construction Noise and Vibration Management Plan; and iii. Sustainability Management Plan in line with requirements of MR-minor Sustainability (MR-minor Sy).	This CNVMP
3.6	**Additional Environmental Assessments** Where the requirement for an additional environmental assessment is identified, this will be undertaken prior to undertaking any physical works. The environmental assessment will include: i. A description of the existing surrounding environment; ii. Details of the ancillary works and construction activities required to be carried out including the hours of works; iii. An assessment of the environmental impacts of the works, including, but not necessarily limited to, traffic, noise and vibration, air quality, soil and water, ecology and heritage; iv. Details of mitigation measures and monitoring specific to the works that would be implemented to minimise environmental impacts; and v. Identification of the timing for completion of the construction works, and how the sites would be reinstated (including any necessary rehabilitation).	NCW CNVIS
3.8	**Register of Hold Points** a) Principal Contractors will identify hold points, beyond which approval is required to proceed with a certain activity. Example activities include vegetation removal and water discharge. Hold points will be documented in relevant CEMPs. b) Table 1.4 of the CEMF provides the structure for the register of hold points as well as a preliminary list of hold points which will be implemented.	Section 2.1
3.9	**Training, Awareness and Competence** Principal Contractors will be responsible for determining the training needs of their personnel. As a minimum this will include site induction, regular toolbox talks and topic specific environmental training as outlined in the CEMF.	Section 9
3.10	**Emergency and Incident Response** Principal Contractors will develop and implement a Pollution Incident Response Management Plan, in accordance with the requirements of the POEO Act. Contractors' emergency and incident response procedures will also be consistent with any relevant SMDO procedures and are outlined further in the CEMF.	Section 11
3.12	**Roles and Responsibilities** a) In relation to Roles and Responsibilities the CEMP will: i. Describe the relationship between the Principal Contractor, TfNSW, key regulatory stakeholders, the independent environmental representative and the independent ii. certifier; iii. For each role that has environmental accountabilities or responsibilities, including key personnel, provide a tabulated description of the authority and roles of key personnel, lines of responsibility and communication, minimum skill level requirements and their interface with the overall project organisation structure; iv. Provide details of each specialist environment, sustainability or planning consultant who is employed by the Principal Contractor including the scope of their work; and v. Provide an overview of the role and responsibilities of the Independent Environmental Representative, the Independent Certifier and other regulatory stakeholders. b) All sub-contractors engaged by the Principal Contractor will be required to operate within the EMS documentation of that Principal Contractor.	Section 12.1

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Item	Requirement	Document Reference
3.13	**Environmental Monitoring, Inspections and Auditing** a) Issue specific environmental monitoring will be undertaken as required or as additionally required by any approval, permit or licence conditions. b) The results of any monitoring undertaken as a requirement of the EPL will be published on the Principal Contractor's, or a project specific, website within 14 days of obtaining the results. c) Environmental inspections will include: i. Surveillance of environmental mitigation measures by the Site Foreman; and ii. Periodic inspections by the Principal Contractor's Environmental Manager (or delegate) to verify the adequacy of all environmental mitigation measures. This will be documented in a formal inspection record. d) Regular site inspections by the ERs and TfNSW representatives at a frequency to be agreed with the Principal Contractor. e) Principal Contractors must undertake internal environmental audits. The scope will include: i. Compliance with any approval, permit or licence conditions; ii. Compliance with the E&SMS, CEMP, SMP, sub-plans and procedures; iii. Community consultation and complaint response; iv. Environmental training records; and v. Environmental monitoring and inspection results. f) f. TfNSW (or an independent environmental auditor) will also undertake periodic audits of the Principal Contractor's E&SMS and compliance with the environmental aspects of contract documentation, including this Construction Environmental Management Framework.	Section 10
3.14	**Environmental Non-compliances** a) Principal Contractors will document and detail any non-compliances arising out of the above monitoring, inspections and audits. TfNSW will be made aware of all non-compliances in a timely manner. b) Principal Contractors will develop and implement corrective actions to rectify the non-compliances and preventative actions in order to prevent a re-occurrence of the noncompliance. Contractors will also maintain a register of non-compliances, corrective actions and preventative actions. c) TfNSW or the Environmental Representative may raise non-compliances against environmental requirements.	Section 11
3.15	**Environmental Records and Compliance Reporting** a) Principal Contractors will maintain appropriate records of the following: i. Site inspections, audits, monitoring, reviews or remedial actions; ii. Documentation as required by performance conditions, approvals, licences and legislation; iii. Modifications to site environmental documentation (e.g. CEMP, sub-plans and procedures); and iv. Other records as required by this Construction Environmental Management Framework. b) Records will be retained onsite for the duration of works. c) Additionally records will be retained by the Principal Contractor for a period of no less than 7 years. Records will be made available in a timely manner to TfNSW (or their representative) upon request. d) Compliance reports detailing the outcome of any environmental surveillance activity including internal and external audits (refer to Section 3.13) will be produced by the Principal Contractors Environmental Manager or delegate. These reports will be submitted to TfNSW at an agreed frequency.	Section 10

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Item	Requirement	Document Reference
4.5	**Business and Property Impacts** a) Principal Contractors will proactively work with potentially affected stakeholders to identify the likely impacts and put in place measures to minimise impacts. b) Construction works will be undertaken to meet the following objectives: i. Minimise the potential impact of the project to businesses affected by construction works; ii. Ensure businesses are kept informed of the project and consulted in advance of major works or factors that are likely to have a direct impact; iii. Consult with all business directly affected by changes to access arrangements regarding specific requirements at least two weeks prior to those changes coming into effect; and iv. Ensure that business stakeholder enquiries and complaints regarding the project are managed and resolved effectively. c) Principal Contractors will document in the Community Communication Strategy (Section 4.2) key issues relating to business impacts by locality with a particular focus on proactive consultation with affected businesses. Including: i. Identification of specific businesses which are sensitive to construction activity disturbances; ii. Summary of the commercial character of the locality, its general trading profile (daily and annually) and information gained from the business profiling such as: • Operating hours; • Main delivery times; • Reliance on foot traffic; • Any signage or advertising that may be impacted; • Customer origin; and • Other information specific to the business that will need to be considered in construction planning. iii. Define the roles and responsibilities in relation to the control and monitoring of business disturbances; iv. Identification of locality specific standard business mitigation measures which would be implemented; v. Maps and diagrams to illustrate the information for easy identification of measures which would be implemented; vi. Description of the monitoring, auditing and reporting procedures; vii. Procedure for reviewing performance and implementing corrective actions; viii. Description of the complaints handling process; and **ix.** ix. Procedure for community consultation and liaison.	Section 7
5.1	**Working Hours** a) Standard working hours are between 7am – 6pm on weekdays and 8am – 1pm on Saturdays. b) Works which can be undertaken outside of standard construction hours without any further approval include: i. Those which have been described in respective environmental assessments as being required to take place 24/7. For example, tunnelling and underground excavations and supporting activities will be required 24/7; ii. Works which are determined to comply with the relevant Noise Management Level at sensitive receivers; iii. The delivery of materials outside of approved hours as required by the Police or other authorities (including RMS) for safety reasons; iv. Where it is required to avoid the loss of lives, property and / or to prevent environmental harm in an emergency; and v. Where written agreement is reached with all affected receivers. **c)** Principal Contractors may apply for EPA approval to undertake works outside of normal working hours under their respective Environment Protection Licences.	Section 6

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Item	Requirement	Document Reference
5.2	a) Principal Contractors will consider the following in the layout of construction sites: i. The location of noise intensive works and 24 hour activities in relation to noise sensitive receivers; ii. The location of site access and egress points in relation to noise and light sensitive receivers, especially for sites proposed to be utilised 24 hours per day; iii. The use of site buildings to shield noisy activities from receivers; iv. The use of noise barriers and / or acoustic sheds where feasible and reasonable for sites proposed to be regularly used outside of daytime hours; and v. Aim to minimise the requirement for reversing, especially of heavy vehicles.	Section 8
8.3	**Construction Traffic Mitigation** a) Examples of traffic mitigation measures include: i. Minimising heavy vehicle movements during peak traffic times; ii. Avoidance of local roads for heavy vehicle routes, where feasible; iii. Providing for safe pedestrian and cyclist movements around the worksites; and iv. iv. Where feasible and reasonable, contractors will provide its workforce with satellite car parking and buses to transport them to the worksites.	Section 8
9.1(a)	**Construction Noise and Vibration Management Objectives** The following noise and vibration management objectives will apply to construction: i. Minimise unreasonable noise and vibration impacts on residents and businesses; ii. Avoid structural damage to buildings or heritage items as a result of construction vibration; iii. Undertake active community consultation; and iv. Maintain positive, cooperative relationships with schools, childcare centres, local residents and building owners.	Section 1.3
9.2(a)	Principal Contractors will develop and implement a Construction Noise and Vibration Management Plan for their scope of works consistent with the Interim Construction Noise Guidelines (Department of Environment and Climate Change, 2009). The Construction Noise and Vibration Management Plan will include as a minimum: i. Identification of work areas, site compounds and access points; ii. Identification of sensitive receptors and relevant construction noise and vibration goals; iii. Be consistent with, and include the requirements of the noise and vibration mitigation measures as detailed in, the environmental approval documentation and the Sydney Metro Construction Noise and Vibration Strategy (CNVS); iv. Details of construction activities and an indicative schedule for construction works, including the identification of key noise and/or vibration generating construction activities (based on representative construction scenarios) that have the potential to generate noise or vibration impacts on surrounding sensitive receptors, in particular residential areas; v. Identification of feasible and reasonable procedures and mitigation measures to ensure relevant vibrations and blasting criteria are achieved, including a suitable blast program; vi. Community consultation requirements and Community notification provisions specifically in relation to blasting; vii. The requirements of any applicable EPL conditions; viii. Additional requirements in relation to activities undertaken 24 hours of the day, 7 days per week; ix. Pre-construction compliance requirements and hold points; x. The responsibilities of key project personnel with respect to the implementation of the plan; xi. Noise monitoring requirements; xii. Compliance record generation and management; and xiii. An Out of Hours Works Protocol applicable to all construction methods and sites.	i. Section 1.2 ii. Section 3 iii. Section 8 iv. Section 7 v. Section 8 vi. Section 8.2 vii. Section 2/5 viii. Section 6.1.1, Section 8.2 ix. Section 2.3 x. Section 12.1 xi. Section 10 xii. Section 10, Section 11 xiii. Section 6.1.1, Appendix B

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Item	Requirement	Document Reference
9.2(b)	Detailed Construction Noise and Vibration Impact Statements will be prepared for noise intensive construction sites and or activities, to ensure the adequacy of the noise and vibration mitigation measures. Specifically, Construction Noise and Vibration Impact Statements will be prepared for EPL variation applications and works proposed to be undertaken outside of standard construction hours.	NCW CNVIS
9.2(c)	Noise and vibration monitoring would be undertaken for construction as specified in the CNVS and the EPL.	Section 10
9.2(d)	The following compliance records would be kept by Principal Contractors: i. Records of noise and vibration monitoring results against appropriate NMLs and vibration criteria; and ii. Records of community enquiries and complaints, and the Contractor's response.	Section 10 Section 11
9.3(a)	All feasible and reasonable mitigation measures would be implemented in accordance with the CNVS. Examples of noise and vibration mitigation measures include: i. Construction hours will be in accordance with the working hours specified in Section 5.1; ii. Hoarding and enclosures will be implemented where required to minimise airborne noise impacts; and iii. The layout of construction sites will aim to minimise airborne noise impacts to surrounding receptors.	Section 8

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0.1 Structure of this CNVMP

This CNVMP has been prepared to address all requirements tabulated in the consolidated compliance matrix. They are addressed throughout this plan which is structured in the following format:

- **Section 1 – Introduction**: provides an overview of the purpose and application of this CNVMP, a background to the NCW project and the broader Sydney Metro City and Southwest Project, identifies the location of work areas, identifies the likely works duration and summarises potential noise and vibration issues.
- **Section 2 – Legal and Other Requirements**: provides an overview of the legal context of the Plan and summarises the applicable policy, standards and guideline.
- **Section 3 – Existing Environment and Noise/Vibration Guidelines**: summarises the existing noise environment, presents the measured baseline (background noise) data from the EIS, identifies potentially sensitive receptors, and describes how the baseline data is applied in the content of the applicable noise and vibration guidelines.
- **Section 4 – Noise and Vibration Guidelines:** describes the noise and vibration guidelines that will apply during construction works and activity.
- **Section 5 – Noise Management Levels**: describes the management levels (for noise and vibration) that will apply during construction works and activity.
- **Section 6 – Work Hours**: describes the NCW hours of work that will apply during construction works and activity.
- **Section 7 – Aspects, Impacts & Risks**: presents the NCW activities and work phases, lists the likely noise and vibration generating sources and reproduces the predicted noise and vibration impacts from the CNVIS.
- **Section 8 – Mitigation and Management Measures**: describes the overall approach to managing and mitigating noise and vibration impacts as a result of the NCW based on the predicted impacts as summarised this CNVMP. It details the relevant noise and vibration mitigation measures to be implemented during the works.
- **Section 9 – Training**: summarises the training that will be provided during NCW project as applicable to the management of noise and vibration.
- **Section 10 – Noise and Vibration Monitoring**: refers to the stand alone noise and vibration monitoring program that details the requirements of any noise and vibration monitoring that is required and the technical methods that will be adopted.
- **Section 11 – Enquiries, Complaints and Incident Management**: summarises the enquiries, complaints and incident management that will be undertaken as per the NCW CEMP and Communications Strategy, including that related to noise and vibration.
- **Section 12 – CNVMP Administration**: provides information regarding relevant roles and responsibilities associated with this plan and the CNVMP review process.
- **Section 13 – References**: lists the documents, policy, standards and guidelines applicable to this plan, those that were considered during the preparation of the CNVMP.
- **Appendix A – Acoustics: Glossary of Terms and Definition**: provides an overview of relevant acoustical terminology and concepts.
- **Appendix B – Out of Hours Works (OOHW) Protocol**: presents the OOHW Protocol that will apply during the NCW construction works. A template Out Of Hours Work Application Form (OOHWAF) is also provided.
- **Appendix C – Summary of Predicted Noise Levels**: presents the summary of predicted noise levels from the CNVIS. This includes the most affected receptors in each scenario.
- **Appendix D – Assessment Scenarios**: presents the summary of Assessment Scenarios from the CNVIS.
- **Appendix E – Potentially Sensitive Receptors**: presents the potentially sensitive receptors identified in the CNVIS.
- **Appendix F – Construction Program**: presents the Construction Program outlined in the CEMP.
- **Appendix G – Sydney Metro Stakeholder Comment Register**: presents the summary of government stakeholder engagement.

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1. Introduction

1.1 Purpose and Application

The Northern Corridor Works (NCW) Construction Noise and Vibration Management Plan (CNVMP or this plan) describes how Laing O'Rourke Australia Construction Pty Ltd (LOR) and its sub-contractors will ensure all risks associated with noise and vibration issues are considered and managed effectively during the NCW project, as part of the Sydney Metro City and Southwest project.

This plan has been developed to address the following:

- Critical State Significant Infrastructure Conditions of Approval (SSI 15_7400).
- Sydney Metro Construction Environmental Management Framework (August 2016).
- Sydney Metro Construction Noise and Vibration Strategy (Report No 610.14213-R3; V0.4 August 2017).
- NCW Portion 7b Construction Noise and Vibration Impacts Statement (CNVIS) (NCW – P7B CNVIS, June 2018).
- All applicable guidelines and standards specific to noise and vibration management during construction.

A summary table demonstrating CNVMP compliance against the requirements of the relevant project Approval for the works is documented in **Section 0** of this CNVMP. The CNVMP is supported by, and forms a sub-plan to, the NCW Construction Environmental Management Plan (CEMP).

1.2 Background and Scope

Nuisance, or an unacceptable level of noise and vibration amenity, may arise from construction activities associated with new or existing developments. These potential issues are recognised in the various approval documents requiring the preparation of this CNVMP and the mitigation and management of potential impacts during the NCW.

This plan addresses these potential issues and applies directly to the construction phase of the NCW project of the Sydney Metro City and Southwest project (hereafter referred to as the project). This plan applies to all activities, tasks, products and services on the site over which it has control or influence.

The overall LOR CEMP has been developed for the construction phase of the project, in compliance with the Client's requirements and LOR environmental management system. As a sub-plan this CNVMP has been developed to specifically address potential noise and vibration impacts. Blasting (a feature of the broader Sydney Metro City and Southwest project) is not required for the project and is therefore not addressed in this CNVMP.

The NCW project site is located in the rail corridor of the T1 North Shore Line between Chatswood Station and Artarmon Station. The location of the site is illustrated below in **Figure 1.1**. The site compound is located in the rail corridor south of the project site and south of Artarmon Station. Access and egress from the site compound it located on Cleland Rd, Artarmon. The location of the site compound is presented in **Figure 3.7**.

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Figure 1.1: Northern Corridor Works Project Site (TfNSW Sydney Metro C2S EIS 2016)

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1.2.1 North Corridor Works Project Overview

Sydney Metro City and Southwest is a new 30 Kilometre (KM) metro line extending metro rail from the end of Sydney Metro Northwest at Chatswood under Sydney Harbour, through new CBD stations and southwest to Bankstown. It is due to open in 2024 with the capacity to run a metro train every two minutes each way through the centre of Sydney. The NCW project forms part of the Sydney Metro City and southwest project and includes the following scope of works.

The intent of the NCW is the realignment of the T1 North Shore Line between Chatswood Station and Brand St, Artarmon, approximately 1 kilometre in length, to accommodate the new metro tracks to be constructed between the country and city rail lines, and the future construction of the Chatswood tunnelling dive site.

1.2.2 Project scope of works

The NCW project works include earthworks and construction of all permanent new infrastructure and modifications to existing infrastructure, including the following key phases of work:

Portion 7A:

- Geotechnical investigations
- Installation of footings
- Detention basin construction

Portion 7B:

- Drainage Works
- Hopetoun Ave Access Ramp removal
- Placement of noise walls and construction of retaining walls
- Track slews
- Nelson Street Bridge removal;
- Mowbray Road/Hampden Road intersection upgrade; and
- Mowbray Road Bridge widening.

There are also a number of temporary works being conducted as part of the NCW project, which are discussed in detail throughout the CEMP.

Additional construction scenarios to those listed above were developed to assess noise and vibration as part of the Portion 7A CNVIS and Portion 7B CNVIS. These assessment scenarios were established in consultation with LOR. They are consistent with the construction methodology of NCW as described above but provide further detail for specific activities and tasks required during the works. The noise and vibration assessment scenarios for Portion 7B are outlined in **Section 7.1** and further detailed **Appendix D**.

1.2.2.1 Potential Noise Issues

The key acoustical issues potentially associated with NCW are noise and vibration emissions attributable to general construction plant, equipment and machinery in use (or activities undertaken) within the site area, during and outside the approved (**CoA – E36**) standard construction hours. In addition, potentially high noise impact issues associated with sheet piling; during the approved specified construction hours are considered in this CNVMP.

During works outside the approved standard construction hours noise issues potentially associated with NCW includes general emissions ($L_{Aeq,\ 15minute}$) but extends to include potential sleep disturbance emissions ($L_{A1,\ 1minute}$) attributable to construction plant, equipment and machinery in use (or activities undertaken) within the site area. Potential NCW activities required outside the approved standard construction hours are considered in this CNVMP. These are the focus of the OOHW Protocol (refer *Appendix B*) developed for the assessment, management and approval of these non-standard works and activities, if required.

The broader environmental assessment for the Sydney Metro City and Southwest project has identified generic impacts for typical works near the Chatswood dive site. Subsequently, a site specific NCW Construction Noise and Vibration Impact Statement (CNVIS) has been prepared for the project. The CNVIS has identified task specific impacts associated with general construction noise ($L_{Aeq,\ 15minute}$)

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and potential sleep disturbance ($L_{A1,\ 1minute}$) noise emissions. Further detail regarding the specific works, tasks and impacts assessed is provided in **Section 7.1** of this CNVMP. Consistent with the CoA and this CNVMP the CNVIS has identified that general construction (and sleep disturbance) noise emissions during and outside the approved standard hours should be the focus of NCW environmental noise management. Based on the NCW project construction methodology and design, these potential impacts are the key emissions with the potential to generate a nuisance, or an unacceptable level of noise amenity, or give rise to complaints.

Other potential noise issues associated with NCW works include road traffic emissions ($L_{Aeq,\ 15hour}$ and $L_{Aeq,\ 15hour}$) attributable to NCW vehicles on the existing public road network, and ground-borne noise. A quantitative assessment of construction road traffic noise and ground-borne construction noise identified that impacts are minimal if any at all, regardless these are considered in the CNVMP.

1.2.2.2 Potential Vibration Issues

The key vibration issues potentially associated with NCW are human comfort or structural and cosmetic damage vibration (VDV in $m/s^{1.75}$ or PPV in mm/s) attributable to general construction plant, equipment and machinery in use (or activities undertaken) within the site area.

Consistent with noise, a site specific CNVIS has been conducted for the NCW project. It identified that general construction vibration (VDV in $m/s^{1.75}$ or PPV in mm/s) during and outside the approved standard construction hours should be the focus of this CNVMP. Only one activity/equipment item within a particular work phase has the potential to generate any significant vibration, this scenario is identified in **Section 7** of this CNVMP.

Other potential vibration issues associated with NCW include road traffic vibration attributable to NCW vehicles on the existing public road network. A quantitative assessment of construction road traffic vibration identified that impacts are minimal if any at all, regardless these are considered in the CNVMP.

1.2.2.3 Environmental Planning Approval

The project is subject to assessment by the Department of Planning and Environment and approval by the Minister for Planning under Part 5.1 of the NSW Environmental Planning and Assessment Act 1979 (EP&A Act) as State Significant Infrastructure (SSI).

The project has been declared as Critical State Significant Infrastructure by virtue of clause 5 of Schedule 5 of the *State Environmental Planning Policy* (*State and Regional Development*) *2011* (NSW) and under Section 115V of the EP&A Act. The project, its impacts, consultation and mitigation were documented in the following suite of documents:

- Critical State Significant Infrastructure Application SSI 15_7400;
- *Sydney Metro City & Southwest – Chatswood to Sydenham – Environmental Impact Statement – Construction Noise and Vibration Strategy* (TfNSW, 2016).
- *Sydney Metro City & Southwest – Chatswood to Sydenham – Submissions and Preferred Infrastructure Report* (TfNSW, October 2016).

The Minister for Planning granted Approval for NCW in the Minister's Recommended Conditions of Approval (CoA, 9 January 2017 (SSI 15_7400).

1.2.3 Project-Specific Environmental Management System

The NCW CEMP is the primary Environmental Management System (EMS) document for the delivery of the proposed works. This CNVMP (Sub Plan) is one of a suite of aspect-specific support plans to the CEMP that have been prepared to support the CEMP.

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1.3 Objectives and Targets

The objectives and targets related to construction noise and vibration are as identified in **Table 1.1**. Details on how the project objectives and performance targets will be achieved is provided in **Section 8** of this CNVMP.

Table 1.1 Objectives and Targets

Objectives	Performance Targets
• **Minimise unreasonable noise and vibration impacts on residents and businesses.** • **Avoid structural damage to buildings or heritage items as a result of construction vibration.** • **Undertake active community consultation.** • **Maintain positive, cooperative relationships with schools, childcare centres, local residents and building owners.**	• **Noise levels will be minimised with the aim of achieving the noise management levels where feasible and reasonable.** • **The project will avoid any damage to buildings from vibration.**

For the purpose of this CNVMP a feasible mitigation measure is considered to be a measure that can be engineered and is practical to build and/or implement, given project constraints such as safety, maintenance and reliability requirements. It may also include options such as amending construction practices (for example, changing noisy works to a less-sensitive period or location) to achieve noise reduction, as is detailed in the CNVMP.

For the purpose of this CNVMP selecting reasonable measures from those that are feasible involves judging whether the overall noise and/or vibration benefits outweigh the overall adverse social, economic and environmental effects, including the cost of the mitigation measure. Where mitigation measures are considered both feasible and reasonable they will be implemented. Where mitigation measures are not considered both feasible and reasonable they will not be implemented. Furthermore, some mitigation and/or management measures may not be feasible and reasonable at all times and at all work locations within the rail corridor, for example, where the use of alternate equipment or the ability to erect noise barriers is not possible. In these circumstances alternatives may be considered or a combination of the measures outlined in **Section 8** of this CNVMP implemented to achieve similar outcomes.

1.4 Consultation

The **CoA - C3(a), C5** and **C9(a)** for the NCW requires that the CNVMP (and monitoring program) be prepared in consultation with the EPA and/or relevant Councils. The NCW project falls into the Willoughby City Council area. A consultation copy of the CNVMP was provided to Willoughby City Council and the EPA for review and comment on 1 August 2018. Willoughby City Council and the EPA reviewed and acknowledged the CNVMP with no comments or edits required, evidence of consultation is provided in **Appendix G** of this CNVMP.

In accordance with **CoA – E33**, community consultation has commenced with the intention of identifying specific mitigation measures. Community engagement has been undertaken with select businesses in the area and residential receivers in and around Frank Channon Walk (FCW). This consultation is outlined in **Table 1.2** below. It should be noted that consultation around FCW has been undertaken first as this is where works are commencing. Further detail of this consultation is outlined in Section 6.1 of the CNVIS.

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Table 1.2 Community Consultation Undertaken to Date

Date	Receptor	Summary
6/09/2016	Various	Chatswood Information Session - Northern surface track works - Chatswood Bowling Club 655 Pacific Highway, Chatswood. 40 community members attended. Community was given the opportunity to provide feedback and comment on the Northern Corridor Works, this was acknowledged and further consultation provided for specific projects. For example the closure of Frank Channon Walk.
02/09/17	Various	Information stand held at the Emerge Festival, Chatswood. Those who attended were provided with information regarding the Northern Corridor Works and the wider City and South West Metro Project.
9/11/2017	7 Drake Street	Business survey phone call - Artarmon Family Day Care - 7 Drake Street, Artarmon
9/11/2017	12 Drake Street	Business survey phone call - SIPE Day care - 12 Drake Street, Artarmon
9/11/2017	134-136 Hampden Road	Business survey phone call - Bella Babes child care centre - 134-136 Hampden Road, Artarmon
22/12/17	Various	Notification delivered as a hard copy to 700 properties in Artarmon and Chatswood. The Notification provided a Northern Corridor Works update.
23/01/18	Various residents along the rail corridor in Brand, Hawkins, Drake and Raleigh Street and Hampden Road, Artarmon.	Notification/Fact Sheet provided information regarding upcoming Northern Corridor Works.
24/01/18	Various residents along Ellis Street, Pacific Highway, and Gordon Avenue, Chatswood.	Notification regarding Frank Channon Walk survey work as part of the Northern Corridor Works.
02/02/18	Over 700 copies distributed 100m along Rail corridor from access gate in Valetta Lane/Brand Street, Artarmon to Albert Avenue, Chatswood along Pacific Highway and Orchard Road as well as Cleland Road access Gate.	Notification/Fact sheet regarding the Northern Corridor Works was provided to businesses and residents from Artarmon to Chatswood.
17/02/18	157 notifications distributed via email to local email distribution list.	Email distributed which informed residents of upcoming work relating to the Northern Corridor Works.
23/02/18	Bicycle North Group	Briefing session provided to the Bicycle North Group. This session was to inform and consult with members about the closure of Frank Channon Walk and upcoming works associated with the Northern Corridor Works.

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Date	Receptor	Summary
26/02/18	Various (along the rail corridor between Waitara and Waverton)	12,000 copies of the Northern Corridor Works Quarterly Newsletter were distributed between Waitara and Waverton.
02/05/18	Artarmon Progress Association	Briefing session to inform and consult with residents about the Northern Corridor Works. The session was attended by representatives from NRT (Northwest and 33kV), TSE (Chatswood dive site), Laing O'Rourke (Northern Corridor Works) and Sydney Coordination Office covering Station Link i.e. temporary bus plan during the closure of the Epping to Chatswood section from 30 September 2018.
13/06/18	No. 2 and No. 10 Orchard Road.	Phone call to inform residents of work relating to the installation of a noise wall as part of the Northern Corridor Works.
15/06/18	Chatswood email distribution list.	Email distributed which informed residents of upcoming work relating to the Northern Corridor Works.
28/06/18	Various residents along the rail corridor on Hampden Road between the corner of Brand Street and 99 Hampden Road, Artarmon. Details recorded in Consultation Manager.	Door-knocked residents to inform of upcoming security fence and noise wall work in the area as part of the Northern Corridor Works.
28/06/18	Various residents along the rail corridor in Brand, Hawkins, Drake and Raleigh Street, Artarmon.	Door-knocked residents to inform of upcoming security fence and noise wall work in the area as part of the Northern Corridor Works.
27/07/18	Various residents along the rail corridor in Hawkins and Drake Street, Artarmon.	Notification/Fact sheet regarding the Northern Corridor Works (specifically the new drainage and stormwater detention basin) was provided to residents in Artarmon. Following this consultation equipment selection for the activity was modified from sheet piling to augured piling.

Source: LOR, Sydney Metro

Further consultation with sensitive receptors will be undertaken as the project progresses where sensitive periods can be refined based on the type of activities, expected impacts and the particular circumstances of the receptor at that time. All consultation will be undertaken prior to the start of the relevant portion of works predicted to affect those receptors. Mitigation measures can then be tailored based on the consultation feedback. Further detail of mitigation is outlined in **Section 8** of this CNVMP.

2. Legal and Other Requirements

2.1 Legislation

In NSW, noise pollution is typically regulated through the Protection of the *Environment Operations Act 1997* (POEO Act) as the key piece of environment protection legislation. Noise pollution is defined under the POEO Act as:

'*the emission of offensive noise, which means noise that by reason of its level, nature, character or quality, or the time at which it is made, or any other circumstances, is harmful (or is likely to be harmful) to or interferes unreasonably (or is likely to interfere unreasonably) with the comfort or repose of a person outside the premises from which the noise is emitted*'.

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The NCW project is considered as 'Railway Systems Activities' as listed in Schedule 1 to the Protection of the Environment Operations Act 1997 (POEO Act). The NCW project will be delivered under the Sydney Trains Environment Protection Licence (EPL) 12208. Compliance with all relevant licence conditions will be tracked, monitored and ensured.

Various construction noise and vibration assessment guidelines (and policy) are endorsed by NSW regulators and provide a framework and methodology for deriving acceptable levels and standard methods for assessing, managing and measuring construction noise and vibration impacts with due regard to the POEO Act. For the CNVMP the applicable policy and guidelines are presented in **Section 2.2** below.

2.2 Policy and Guidelines

The CNVMP has been prepared with due regard to and in accordance with the:

- NSW Department of Environment and Climate Change – *NSW Interim Construction Noise Guideline* (ICNG), July 2009.
- NSW Government – Transport for NSW (TfNSW) - Sydney Metro *Construction Noise and Vibration Strategy* (SM CNVS), August 2016 and CNVS Addendum June 2017.

The ICNG is the key guideline relating to construction noise and vibration in NSW with the SM CNVS developed to address other noise and vibration issues associated with the broader project.

In the event of any conflict between the CoA, EPL 12208, the ICNG and the SM CNVS, the conditions specified in the CoA will prevail as per **CoA - A3**.

The CNVMP has also considered and applied the following additional policy, guidelines and standards as relevant:

- British Standard BS7385: Part 2-1993 (BS 7385) - *Evaluation and Measurement for Vibration in Buildings — Part 2 – Guide to Damage Levels from Ground-borne Vibration*, dated 1993.
- British Standard (BS 6472–1992) – *Evaluation of Human Exposure to Vibration in Buildings (1 Hz to 80 Hz)*, dated 1992.
- German Institute for Standardisation – DIN 4150 (1999-02) Part 3 (DIN4150:3) – *Structural Vibration - Effects of Vibration on Structures*.
- NSW Environment Protection Authority – *NSW Environmental Noise Management – Industrial Noise Policy* (INP), January 2000 and relevant application notes.
- NSW Department of Environment and Conservation – *NSW Environmental Noise Management – Assessing Vibration: a Technical Guideline (the NSW Vibration Guideline)*, February 2006.
- NSW Department of Environment, Climate Change and Water – *NSW Road Noise Policy* (RNP), March 2011.
- NSW Government – Transport for NSW Infrastructure and Services Division (TfNSW I&S) - Construction Noise and Vibration Strategy (I&S CNVS), May 2018;
- Standards Australia AS 2436–2010™ (AS2436) – *Guide to Noise and Vibration Control on Construction, Demolition and Maintenance Sites*.
- Standards Australia AS1055–1997™ (AS1055) – *Description and Measurement of Environmental Noise*.
- Standards Australia AS IEC 61672.1–2004™ (AS61672) – *Electro Acoustics - Sound Level Meters Specifications Monitoring* or Standards Australia AS1259.2-1990™ (AS1259) – *Acoustics – Sound Level Meters – Integrating/Averaging* as appropriate to the device.
- Standards Australia AS/IEC 60942:2004/IEC 60942:2003 (IEC60942) – Australian Standard™ – *Electroacoustic – Sound Calibrators*.

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2.3 Pre-Construction and Hold Points

The activities outlined in the table below are not to proceed without objective review and approval by the nominated authority. These activities below are considered hold points. These hold points should be incorporated into the working plans for the project (SWMS, work instructions, construction methodologies etc.). Construction will not commence until all pre-construction requirements have been complied with and (in accordance with **CoA – C8**) the CEMP and relevant Sub-plans are approved by the Secretary.

Table 2.1 Hold Points

Item	Process Held	Acceptance Criteria	Approval Authority
Minor works approval	Pre-construction minor works	All Pre-construction works will be undertaken under pre-construction minor works approval.	TfNSW ER/Acoustic Advisor (Endorsement) TfNSW (Approval)
Construction Environmental Management Plan and Sub Plans	Site activities	Site specific Environmental Management Plan has been developed, reviewed and approved.	Department of Planning and Environment
Out of Hours Work (OOHW)	Works to be performed outside of approved standard construction hours	OOHW Protocol Application Form and Community Notification Noise Assessment must be conducted and endorsed by the AA	ER/Acoustic Advisor (Endorsement) TfNSW (Approval)
High Risk OOHW	Works to be performed outside of approved standard construction hours	High risk out of hours work construction must be submitted to the DPE for approval unless otherwise approved through an EPL	Department of Planning and Environment

Source: CEMP

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3. Existing Environment

The NCW project and associated construction works are located in the rail corridor between Chatswood train station and Brand Street in Artarmon, near the Artarmon train station. It is situated within the Willoughby Local Government Area (LGA) and borders the Lane Cove LGA and North Sydney LGA. The primary NCW site compound has been established within the rail corridor off Cleland road, Artarmon for the duration of the project. A number of other site compounds will be used throughout the project, these are identified in **Figure 3.1** to **Figure 3.8**.

The existing noise environment in the broader vicinity of the NCW site is best described as 'suburban', being an area with an acoustical environment that:

- has local traffic with characteristically intermittent traffic flows or with some limited commerce or industry.
- decreasing noise levels in the evening period.
- evening ambient noise levels defined by the natural environment and infrequent human activity.

The existing noise environment in some areas surrounding the NCW site is best described as 'urban', being an area with an acoustical environment that:

- is dominated by 'urban hum' or industrial source noise.
- has through traffic with characteristically heavy and continuous traffic flows during peak periods.
- is near commercial districts or industrial districts.
- has any combination of the above, where 'urban hum' means the aggregate sound of many unidentifiable, mostly traffic-related sound sources.

Existing conditions have been quantified from data in the EIS. Environmental noise monitoring was conducted by SLR at five locations during August to September 2015 to inform the EIS (TfNSW, SLR 2016).

3.1 Background Noise Levels

Quantifying the existing noise environment (via measurement) at the closest and/or potentially most affected receptors situated within the potential area of influence of a site is a key feature of assessing and managing potential noise impacts.

For the purpose of the CNVMP and CNVIS, surrounding precincts were divided into nine Noise Catchment Areas (NCAs). These NCAs (adopted for the CNVIS) are shown in **Figure 3.1** and described in **Table 3.1** below.

Rating Background Levels (RBL) representative of each of the nine NCAs identified for this CNVMP were adapted based on the RBLs presented in the EIS. The assumptions utilised in adapting the EIS RBL data are outlined in the CNVIS. The RBLs adopted for the CNVMP are presented in **Table 3.2** below for the day, evening and night-time periods. The EIS background noise logging locations are also presented in **Figure 3.1**.

There is no formal requirement to measure existing vibration levels. In general ambient vibration levels are typically imperceptible, in the absence of any significant vibration generating source.

Table 3.1 Sensitive Receptors / Noise catchment Areas

Noise Catchment Area (NCA)	Description	Distance (~m) Rail/Road or Train Station
NCA01	Residential and industrial/commercial receptors within 150m of the rail corridor.	<150m
NCA01a	The portion of NCA01 that falls within 150m of the M2 motorway.	<150m
NCA02	Residential and commercial receptors beyond 150m and within 550m west of the rail corridor.	>150m west
NCA02a	The portion of NCA02 that falls within 150m of the M2 motorway.	>150m west
NCA03	Residential and commercial within a radius of 500m from the Chatswood train station encompassing the Chatswood CBD area.	<500m

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Noise Catchment Area (NCA)	Description	Distance (~m) Rail/Road or Train Station
NCA04	Residential and commercial receptors beyond 150m and within 550m east of the rail corridor.	>150m east
NCA04a	The portion of NCA04 that falls within 150m of the M2 motorway.	>150m east
NCA05	Receptors that fall within 50m of Mowbray Road	<50m
NCA06	Residential and commercial within a radius of 500m from the St Leonards train station encompassing the St Leonards CBD area, in close proximity to the Pacific Highway.	<500m

Source: CNVIS

Table 3.2 Rating Background (Noise) Levels

Noise Catchment Area (NCA)	Overall Rating Background Levels (RBL) in dBA		
	Daytime (7am to 6pm)	Evening (6pm to 10pm)	Night-time (10pm to 7am)
NCA01	42	41	35
NCA01a	49	46	41
NCA02	42	41	35
NCA02a	49	46	41
NCA03	46	44	37
NCA04	41	40	34
NCA04a	49	46	41
NCA05	63	60	45
NCA06	45	45	38

Source: CNVIS

3.2 Potentially Sensitive Receptors

Five hundred and thirty (530) sensitive receptors were identified in the CNVIS as the closest and/or potentially most affected locations situated within the potential area of influence of the NCW. The full list sensitive receptors are provided **Appendix E** and the stand-alone noise and vibration monitoring program **LOR-NCW-Monitoring Program.**

These locations were established based on review of aerial photography, land use zoning and cadastre data and the results of preliminary noise modelling, where receptor positions were optimised to ensure representative worst-case levels were being predicted.

The selected locations do not represent all receptors located in the vicinity of the NCW but have been selected for the purposes of this noise and vibration impact assessment; they are considered to be representative of locations that will potentially experience the highest impacts associated with the NCW, and will be the most affected during construction activities.

The NCA and an overview of all sensitive receptor locations are identified in the **Figure 3.1 to Figure 3.8**.

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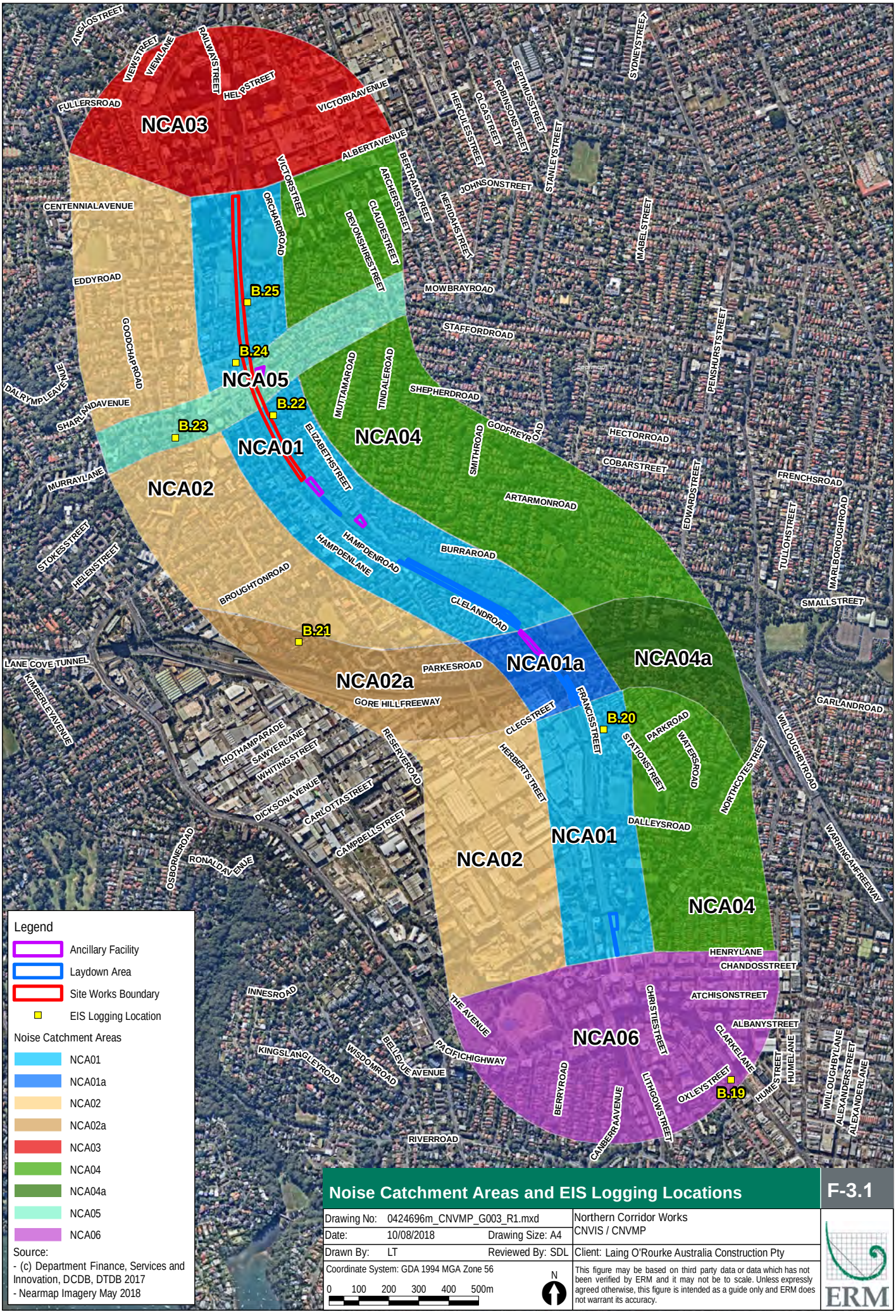
NCA03
NCA05
NCA01
NCA04
NCA02
NCA01a
NCA04a
NCA02a
NCA06
B.25
B.24
B.22
B.23
B.21
B.20
B.19
ANGLOSTREET
VIEWSTREET
VIEWLANE
RAILWAYSTREET
HELPSTREET
FULLERSROAD
VICTORIAAVENUE
ALBERTAVENUE
VICTORSTREET
ORCHARDROAD
BERTRAMSTREET
ARCHERSTREET
CLAUDESTREET
DEVONSHIRESTREET
NERIDAHSTREET
HERCULESSTREET
OLGASTREET
ROBINSONSTREET
SEPTIMUSSTREET
STANLEYSTREET
JOHNSONSTREET
SYDNEYSTREET
MABELSTREET
CENTENNIALAVENUE
EDDYROAD
GOODCHAPROAD
DALRYMPLEAVENUE
SHARLANDAVENUE
MOWBRAYROAD
STAFFORDROAD
MUTTAMAROAD
TINDALEROAD
SHEPHERDROAD
ELIZABETHSTREET
SMITHROAD
GODFREYROAD
HECTORROAD
COBARSTREET
PENSHURSTSTREET
EDWARDSTREET
FRENCHSROAD
TULLOHSTREET
MARLBOROUGHROAD
SMALLSTREET
ARTARMONROAD
MURRAYLANE
STOKESSTREET
HELENSTREET
BROUGHTONROAD
HAMPDENROAD
HAMPDENLANE
BURRAROAD
CLELANDROAD
LANE COVE TUNNEL
KIMBERLEYAVENUE
PARKESROAD
GORE HILLFREEWAY
CLEGSTREET
FRANCISSTREET
PARKROAD
STATIONSTREET
WATERSROAD
NORTHCOTESTREET
WILLOUGHBYROAD
GARLANDROAD
HERBERTSTREET
DALLEYSROAD
WARRINGAHFREEWAY
HOTHAMPARADE
SAWYERLANE
WHITINGSTREET
RESERVEROAD
DICKSONAVENUE
CARLOTTASTREET
CAMPBELLSTREET
OSBORNEROAD
RONALDAVENUE
HENRYLANE
CHANDOSSTREET
ATCHISONSTREET
CHRISTIESTREET
ALBANYSTREET
CLARKELANE
HUMELANE
HUMESTREET
WILLOUGHBYLANE
ALEXANDERSTREET
ALEXANDERLANE
INNESROAD
THE AVENUE
PACIFICHIGHWAY
KINGSLANGLEYROAD
WISDOMROAD
BELLEVUE AVENUE
BERRYROAD
LITHGOWSTREET
OXLEYSTREET
CANBERRAAVENUE
RIVERROAD
Legend
Ancillary Facility
Laydown Area
Site Works Boundary
EIS Logging Location
Noise Catchment Areas
NCA01
NCA01a
NCA02
NCA02a
NCA03
NCA04
NCA04a
NCA05
NCA06
Source:
- (c) Department Finance, Services and Innovation, DCDB, DTDB 2017
- Nearmap Imagery May 2018
Noise Catchment Areas and EIS Logging Locations
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Reviewed By: SDL
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Northern Corridor Works
CNVIS / CNVMP
Client: Laing O'Rourke Australia Construction Pty
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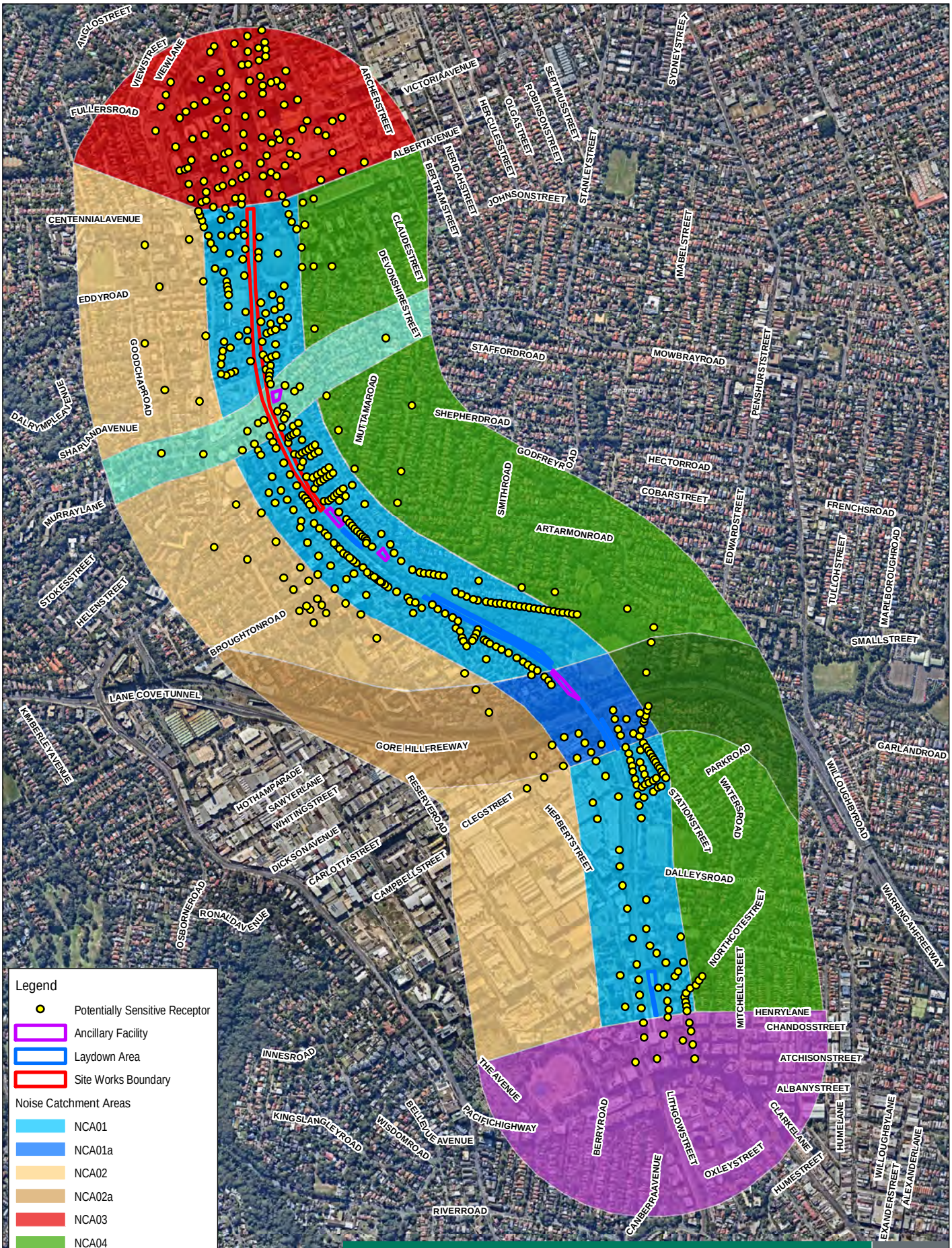

Legend

- Potentially Sensitive Receptor
- Ancillary Facility
- Laydown Area
- Site Works Boundary

Noise Catchment Areas

- NCA01
- NCA01a
- NCA02
- NCA02a
- NCA03
- NCA04
- NCA04a
- NCA05
- NCA06

Source:
- (c) Department Finance, Services and Innovation, DCDB, DTDB 2017
- Nearmap Imagery May 2018

Potentially Sensitive Noise Receptors - Overview Map

F-3.2

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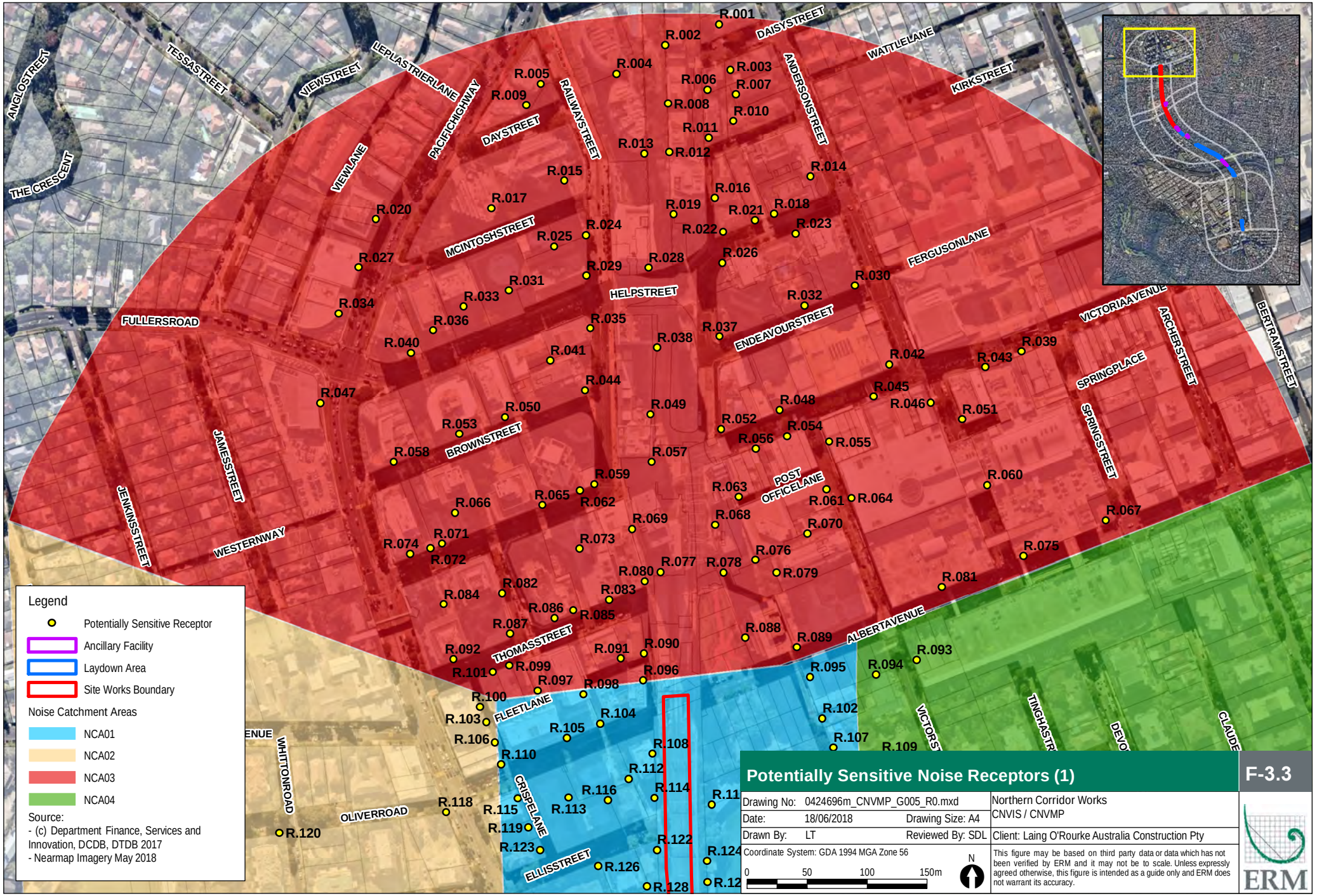
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DAISYSTREET
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KIRKSTREET
DAYSTREET
VIEWLANE
THE CRESCENT
MCINTOSHSTREET
FERGUSONLANE
HELPSTREET
VICTORIAAVENUE
ARCHERSTREET
BERTRAMSTREET
FULLERSROAD
ENDEAVOURSTREET
SPRINGPLACE
SPRINGSTREET
JAMESSTREET
BROWNSTREET
POST OFFICELANE
JENKINSSTREET
WESTERNWAY
THOMASSTREET
ALBERTAVENUE
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WHITTONROAD
OLIVERROAD
CRISPELANE
ELLISSTREET
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CLAUDE
VICTORS
ENUE
Legend
Potentially Sensitive Receptor
Ancillary Facility
Laydown Area
Site Works Boundary
Noise Catchment Areas
NCA01
NCA02
NCA03
NCA04
Source:
- (c) Department Finance, Services and Innovation, DCDB, DTDB 2017
- Nearmap Imagery May 2018
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CNVIS / CNVMP
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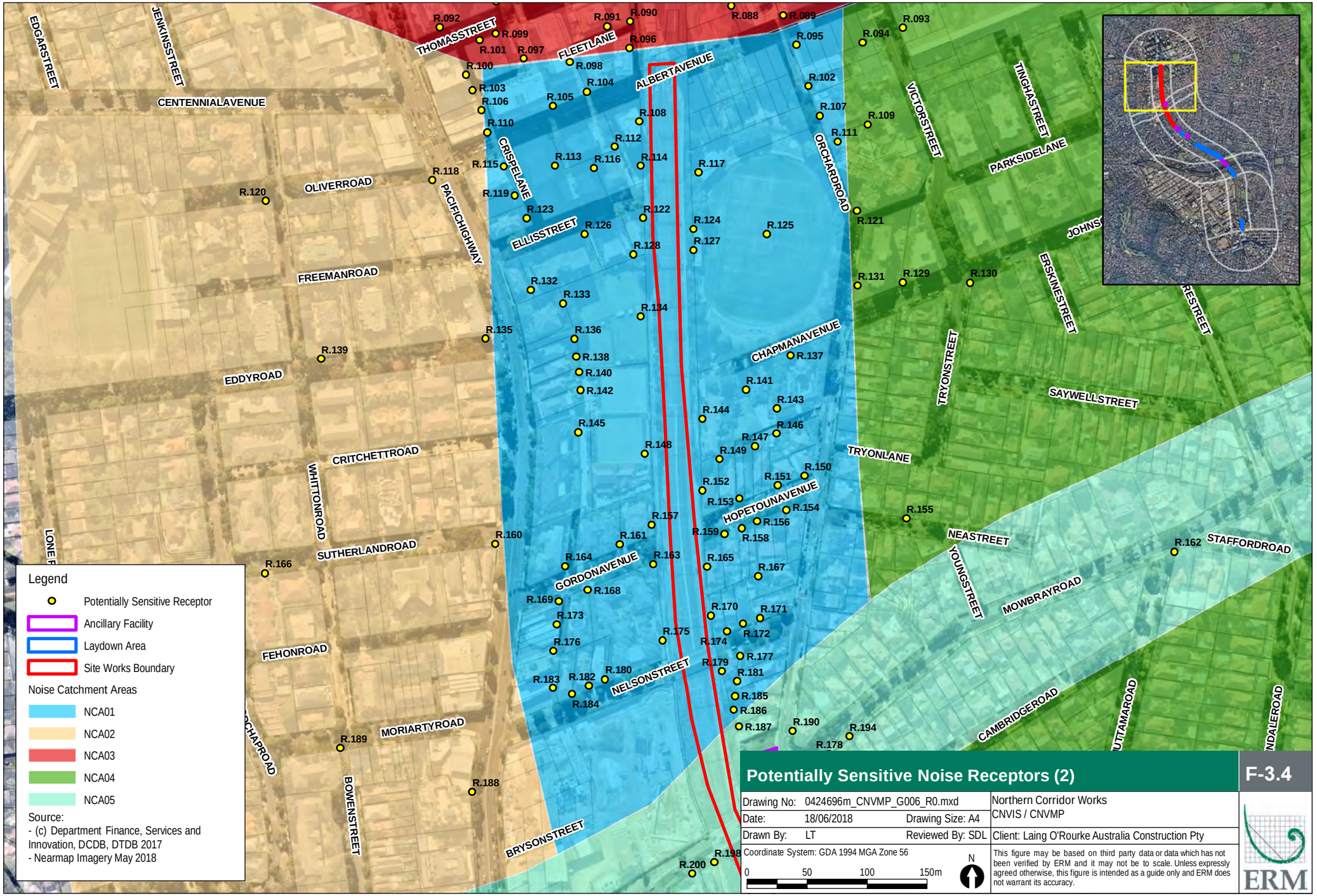
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WHITTONROAD
SUTHERLANDROAD
FEHONROAD
MORIARTYROAD
BOWENSTREET
BRYSONSTREET
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GORDONAVENUE
HOPETOUNAVENUE
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YOUNGSTREET
MOWBRAYROAD
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CAMBRIDGEROAD
ORCHARDROAD
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Legend
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Ancillary Facility
Laydown Area
Site Works Boundary
Noise Catchment Areas
NCA01
NCA02
NCA03
NCA04
NCA05
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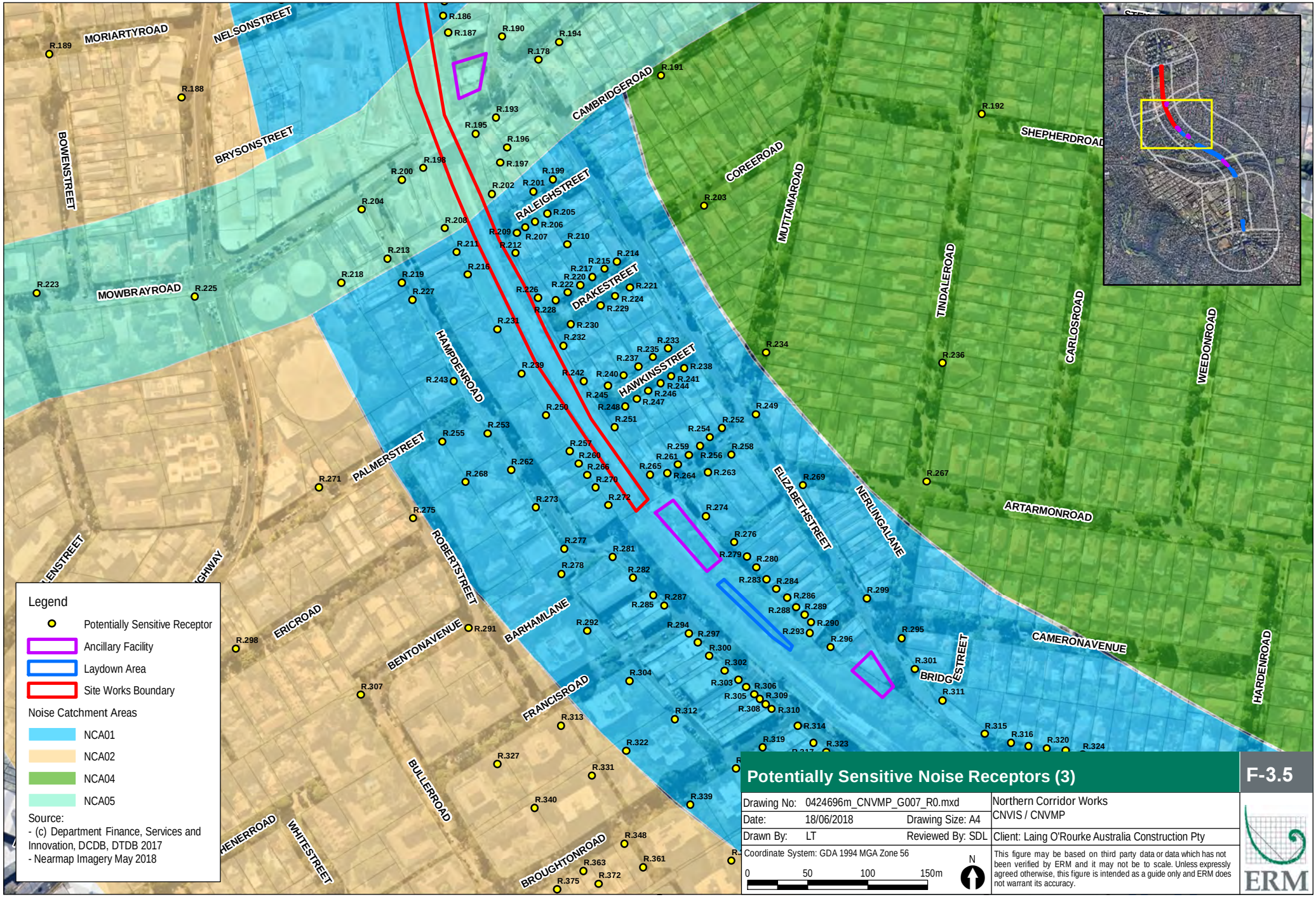
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SHEPHERDROAD
TINDALEROAD
CARLOSROAD
WEEDONROAD
MOWBRAYROAD
DRAKESTREET
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HAWKINSSTREET
PALMERSTREET
ROBERTSTREET
ELIZABETHSTREET
NERUNGALANE
ARTARMONROAD
ERICROAD
BENTONAVENUE
BARHAMLANE
FRANCISROAD
BULLERROAD
CAMERONAVENUE
HARDENROAD
BRIDGESTREET
WHITESTREET
BROUGHTONROAD
Legend
Potentially Sensitive Receptor
Ancillary Facility
Laydown Area
Site Works Boundary
Noise Catchment Areas
NCA01
NCA02
NCA04
NCA05
Source:
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- Nearmap Imagery May 2018
Potentially Sensitive Noise Receptors (3)
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Date: 18/06/2018
Drawing Size: A4
Drawn By: LT
Reviewed By: SDL
Coordinate System: GDA 1994 MGA Zone 56
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Northern Corridor Works
CNVIS / CNVMP
Client: Laing O'Rourke Australia Construction Pty
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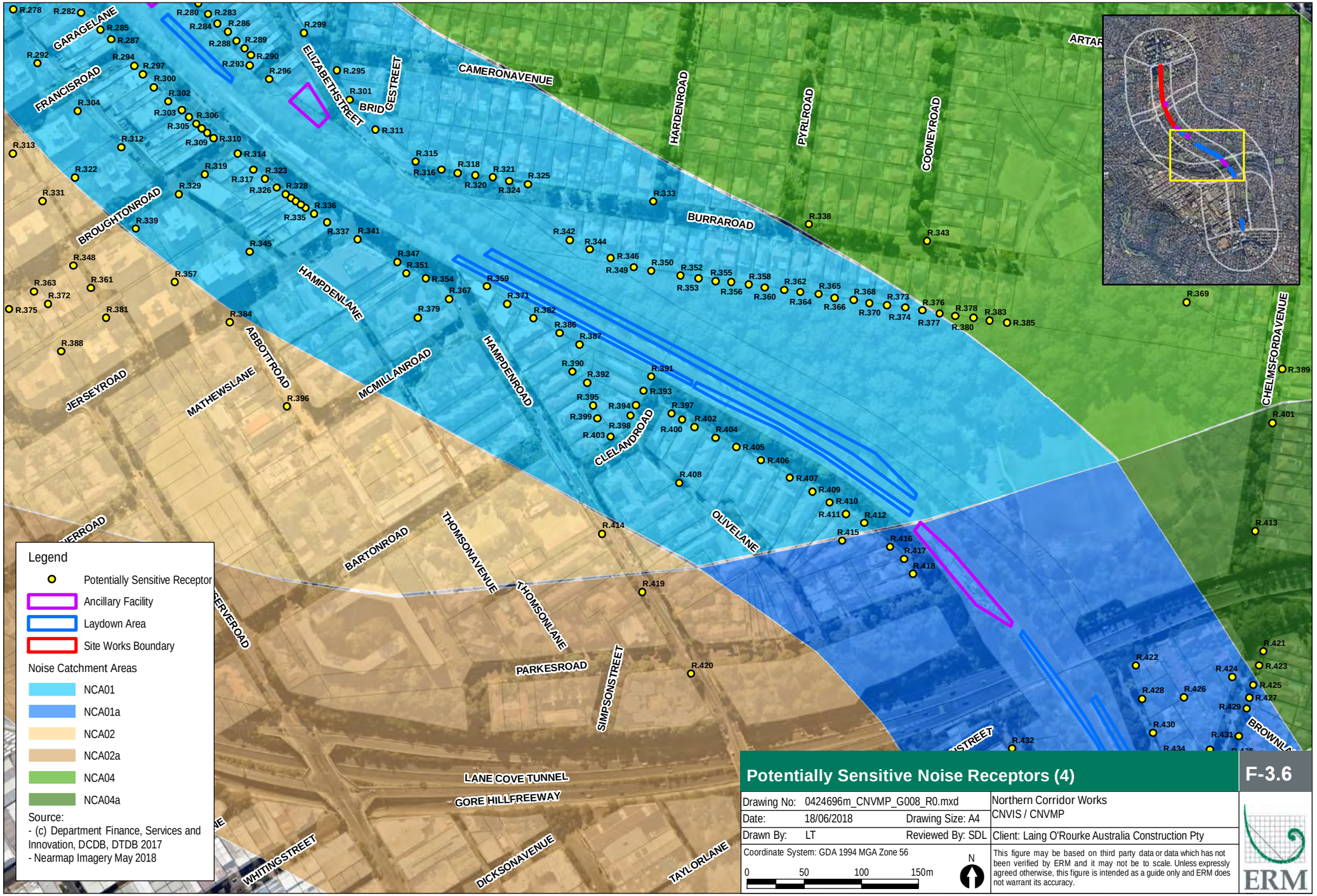

Potentially Sensitive Noise Receptors (4)

F-3.6

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Date:	18/06/2018	Drawing Size: A4	
Drawn By:	LT	Reviewed By: SDL	Client: Laing O'Rourke Australia Construction Pty

Coordinate System: GDA 1994 MGA Zone 56

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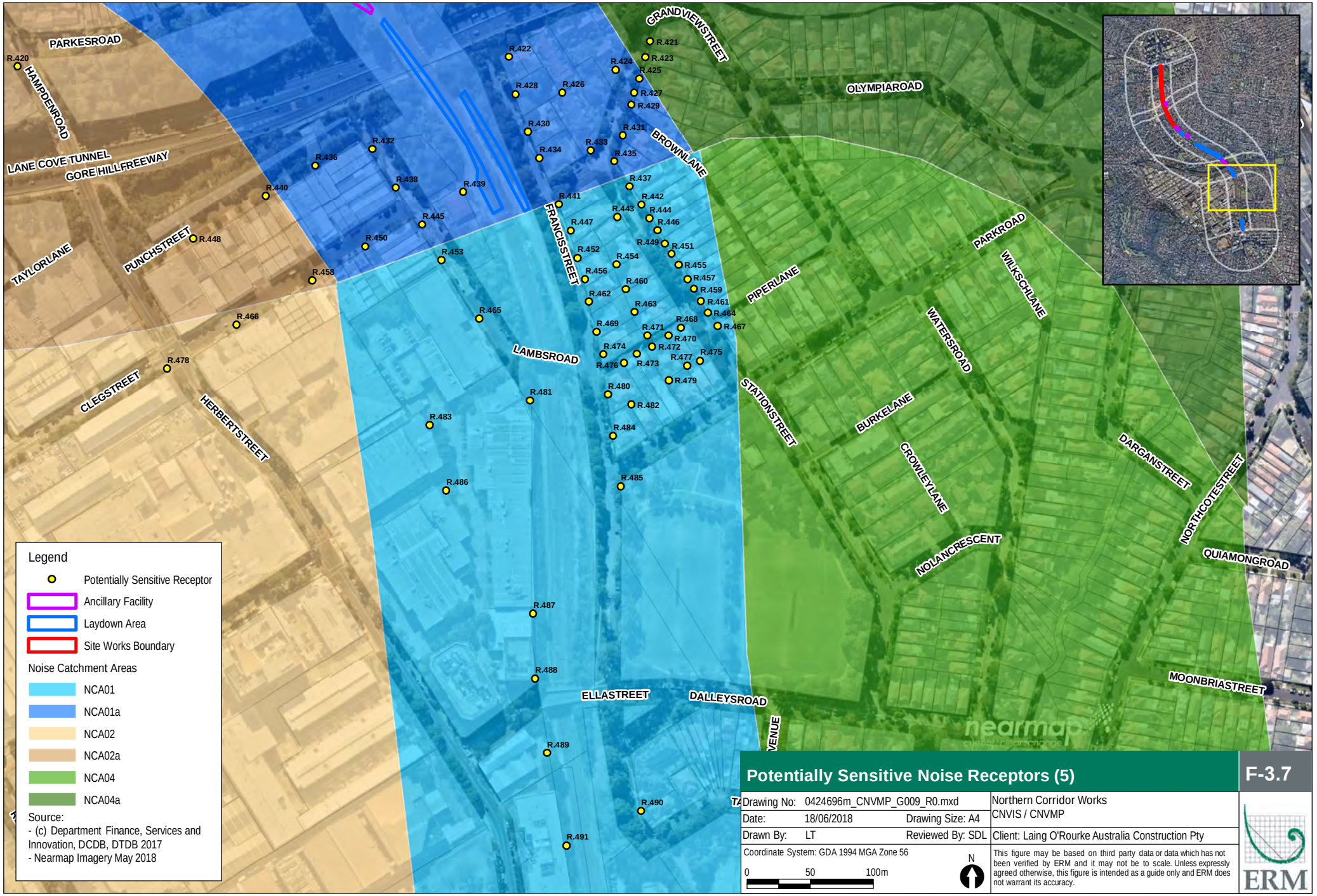
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GRANDVIEWSTREET
OLYMPIAROAD
BROWNLANE
FRANCISSTREET
LAMBSROAD
PIPERLANE
PARKROAD
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R.491
Legend
Potentially Sensitive Receptor
Ancillary Facility
Laydown Area
Site Works Boundary
Noise Catchment Areas
NCA01
NCA01a
NCA02
NCA02a
NCA04
NCA04a
Source:
- (c) Department Finance, Services and Innovation, DCDB, DTDB 2017
- Nearmap Imagery May 2018
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Potentially Sensitive Noise Receptors (5)
F-3.7
Drawing No: 0424696m_CNVMP_G009_R0.mxd
Date: 18/06/2018
Drawing Size: A4
Drawn By: LT
Reviewed By: SDL
Coordinate System: GDA 1994 MGA Zone 56
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Northern Corridor Works
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Client: Laing O'Rourke Australia Construction Pty
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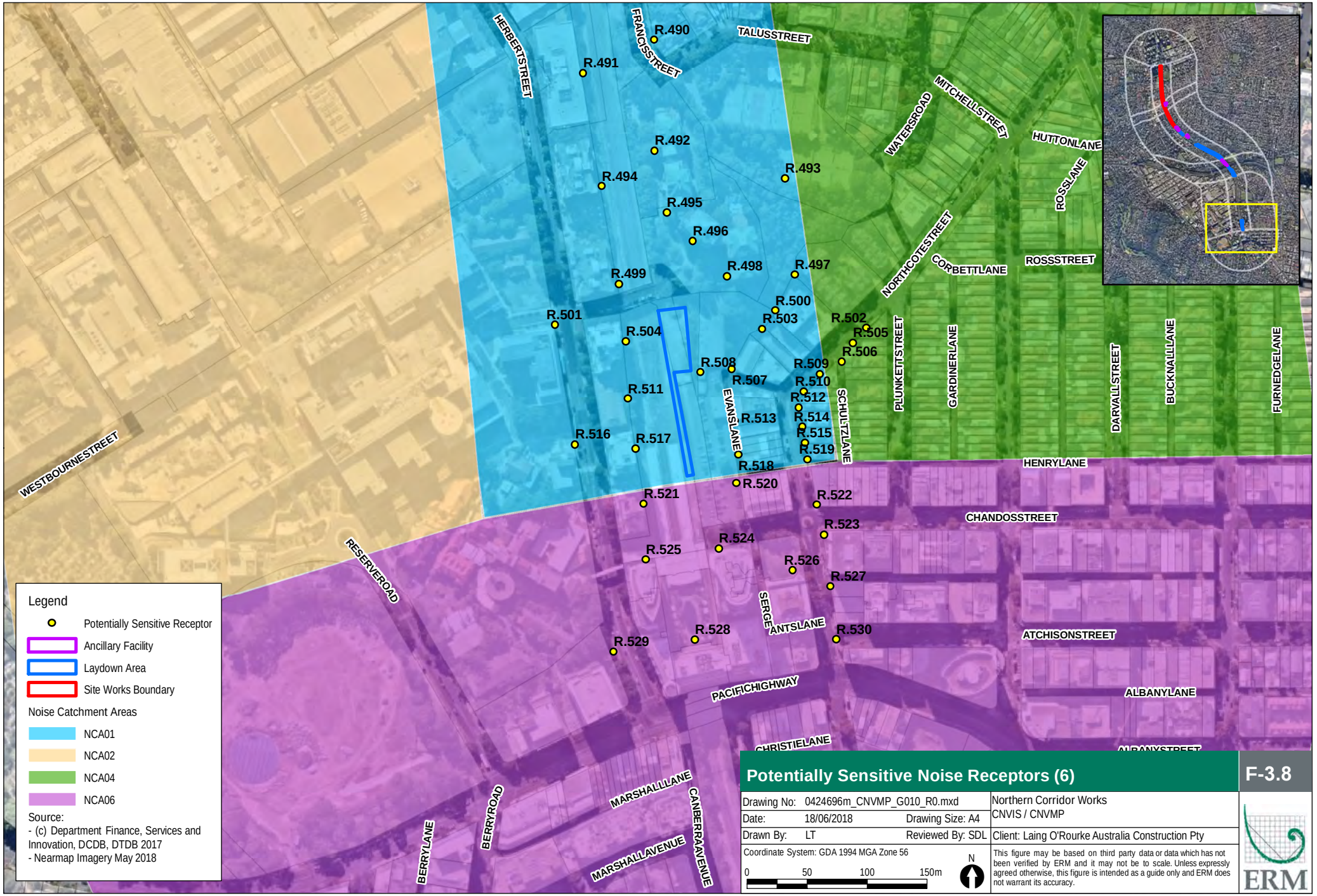
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ROSSSTREET
PLUNKETTSTREET
GARDINERLANE
DARVALLSTREET
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SCHULTZLANE
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ALBANYSTREET
CHRISTIELANE
PACIFICHIGHWAY
SERGEANTSLANE
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Legend
Potentially Sensitive Receptor
Ancillary Facility
Laydown Area
Site Works Boundary
Noise Catchment Areas
NCA01
NCA02
NCA04
NCA06
Source:
- (c) Department Finance, Services and Innovation, DCDB, DTDB 2017
- Nearmap Imagery May 2018
Potentially Sensitive Noise Receptors (6)
F-3.8
Drawing No: 0424696m_CNVMP_G010_R0.mxd
Date: 18/06/2018
Drawing Size: A4
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4. Noise and Vibration Guidelines

The ICNG and SM CNVS are relevant to the NCW project and provide guidance to establishing noise (and vibration) management levels (criteria) for the purpose of assessing and managing noise impacts.

For residential receptors, the noise management levels are established based on existing background noise levels i.e. thresholds above which the background noise level may be exceeded. For other sensitive receptors the management levels are fixed values.

For residential and other sensitive receptors (human); and potentially sensitive structures (buildings) vibration management levels are fixed values established for either human comfort or structural/cosmetic damage. The levels vary depending on the potential sensitivity of the receptor and do not reply on existing conditions.

A summary of each in the context of the ICNG and SM CNVS is provided below.

4.1 Residential Receptors (Noise)

The method for establishing ICNG Noise Management Levels for residential receptors is summarised in **Table 4.1** below. Separate criterion is provided for works during and outside the ICNG standard construction hours. The ICNG recommends more stringent noise criterion for works outside these standard hours. These hours of work are consistent with the approved hours described in **CoA – E36**.

Table 4.1 Construction Noise Management Levels – Residences

Time of Day	Noise Management Level ($L_{Aeq, 15minute}$)	How to Apply
Recommended Standard Hours: Monday to Friday, 7am to 6pm Saturday, 8am to 1pm No work on Sundays or Public Holidays	Noise affected RBL + 10 dBA	• The noise affected level represents the point above which there may be some community reaction to noise. • Where the predicted or measured $L_{Aeq, 15minute}$ is greater than the noise affected level, the proponent should apply all feasible and reasonable work practices to meet the noise affected level. • The proponent should also inform all potentially impacted residents of the nature of works to be carried out, the expected noise levels and duration, as well as contact details.
	Highly noise affected 75 dB(A)	• The highly noise affected level represents the point above which there may be strong community reaction to noise. • Where noise is above this level, the proponent would consider very carefully if there is any other feasible and reasonable way to reduce noise to below this level. • If no quieter work method is feasible and reasonable, and the works proceed, the proponent would communicate with the impacted residents by clearly explaining the duration and noise level of the works, and by describing any respite periods that will be provided.
Outside the Recommended Standard Hours	Noise affected RBL + 5 dBA	• A strong justification would typically be required for works outside the recommended standard hours. • The proponent should apply all feasible and reasonable work practices to meet the noise affected level. • Where all feasible and reasonable practices have been applied and noise is more than 5 dBA above the noise affected level, the proponent should negotiate with the community. • For guidance on negotiating agreements see section 7.2.2 of the Guideline.

Source: INCG, SM CNVS

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4.2 Sleep Disturbance (Noise)

For residential receptors it is also important to consider potential sleep disturbance impacts associated with OOHW conducted during the night time (10pm to 7am) period. The INP and RNP provide indicative sleep disturbance thresholds and was utilised as the basis for establishing 'sleep disturbance screening levels' in the SM CNVS and CNVIS.

The SM CNVS also provides guidance on sleep awakening levels. This includes the following:

- External sleep disturbance screening criterion of RBL + 15 dB.
- External sleep disturbance criterion (sleep awakening level) of 65 dB LAmax (assuming open windows).
- One or two events per night, with maximum external noise levels of 80 dB LAmax (assuming open windows), are not likely to affect health and wellbeing significantly.

The RBL + 15 dB method is widely accepted as the appropriate method for assessing and managing sleep disturbance impacts (using the $L_{A1,\ 1minute}$ or L_{Amax} parameters) and is adopted here to establish criteria for use in the CNVMP.

4.3 Non-Residential Receptors (Noise)

As noted above the ICNG defines fixed management levels for other sensitive receptors and non-residential sensitive land uses. These values are reproduced in **Table 4.2** below.

Table 4.2 Noise Levels for non-residential sensitive land use

Land Use	Noise Management Level: $L_{Aeq,\ 15minute}$ (applies when properties are being used)
Classrooms at schools and other educational Institutions	Internal Noise Level 45dB[1]
Hospital wards and operating theatres	Internal Noise Level 45dB[1]
Places of worship	Internal Noise Level 45dB[1]
Active recreation	External noise level 65dB
Passive recreation	External noise level 60dB
Community centre	Depends on intended use – see AS2107
Industrial premises	External Noise Level 75 dB
Offices, retail outlets	External Noise Level 70 dB.

Source: ICNG, SM CNVS

1. External goal of 55dBA applies. The ICNG recommends that construction noise levels do not exceed 45 dB (LAeq, 15minute) internally within school classrooms when in use. For the purpose of the CNVIS (and as adopted here to verify criteria for use in the CNVMP) the internal noise level has been translated to an external level of 55dB (LAeq, 15minute) based on the accepted level of attenuation (10dB) that is readily achieved through windows, partially opened for ventilation.

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4.4 Vibration (All receptors)

Vibration refers to the oscillating movement of any object. In relation to construction projects, ground-borne vibration is the most likely outcome of intensive piling, demolition, vibratory rolling or hammering works. For the NCW project this is limited to sheet piling activities which have two potential effects on sensitive receptors: ground-borne vibration that may cause annoyance and ground-borne vibration that may have an adverse effect (cosmetic or structural damage) on a structure e.g. a building.

Each of these two potential effects is assessed in accordance with the relevant standard. For human comfort the NSW Vibration Guideline and British Standard BS 6472-1992 applies in accordance with the SMCNVS. For cosmetic or structural damage the British Standard BS 7385:1993 applies in accordance with the SM CNVS and **CoA – E28**. To meet the requirements of the SM CNVS, BS7385 is also considered in this CNVMP to provide guidance for potential cosmetic damage issues. Each of these relevant guidelines and standards are technical in nature but ultimately present fixed (frequency dependant) criterion values that may apply to either human or building receptors.

Heritage buildings and structures are also considered in the CNVMP, assessed as per the screening criteria in BS7385, as they should not be assumed to be more sensitive to vibration unless they are found to be structurally unsound. If a heritage building or structure is found to be structurally unsound conservative cosmetic damage criteria from German standard DIN 4150 will apply. Each standard is considered and adopted in the CNVMP to establish the applicable management levels for vibration that will apply to the NCW project.

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5. Noise Management Levels

Based on the ICNG and SM CNVS methodology summarised in **Section 4** the following construction Noise Management Levels (NMLs) will apply to the NCW project as presented in **Table 6.1** and **Table 6.2**.

5.1 General Construction Noise

The following general construction NML will apply externally and will be assessed at the most-affected point on or within the receptor property boundary or, if that is more than 30 metres (m) from the receptor, at the most-affected point within 30 m of the receptor.

For other sensitive receptors (classrooms at schools and other educational institutions; hospital wards and operating theatres; and places of worship) the external criteria value translated from the ICNG internal goal may be adopted as relevant and if other receptors are identified. The NML of other sensitive receptors are further outlined in the CNVIS and identified in **Table 6.2**.

Section 4.1 of the ICNG notes that the NML apply at a height of 1.5 m and also notes that noise levels may be higher at upper floors of a noise affected residence. The NML presented in this CNVMP will apply only at an assessment height of 1.5 m above ground level. Where multi-storey buildings/receptors are identified their features will be noted (i.e. double storey brick house etc.) however no additional assessment will be undertaken at any height above 1.5 m.

'Sleep disturbance screening thresholds' have been developed as per the guidance summarised in **Section 3** and will be assessed externally, at a boundary location consistent with other NML and at a height of 1.5 m above ground level. These screening levels (refer **Table 6.3**) will only apply during the night time period. These screening levels will generally apply at residential (dwelling) receptors with other sensitive receptors considered where applicable e.g. at other receptors where habitable sleeping spaces are identified.

Table 6.1 Construction Noise Management Levels (Residential Receptors)

Noise Catchment Area (NCA)	Acceptable $L_{Aeq,\ 15\ minute}$ Noise Level			
	Standard Construction Hours[1] (RBL + 10 dBA)	Outside Standard Construction Hours (RBL + 5 dBA)		
		Daytime[2]	Evening[3]	Night[4]
NCA01	52	47	46	40
NCA01a	59	54	51	46
NCA02	52	47	46	40
NCA02a	59	54	51	46
NCA03	56	51	49	42
NCA04	51	46	45	39
NCA04a	59	54	51	46
NCA05	73	68	65	50
NCA06	55	50	50	43

Source: CNVIS

1. Standard (daytime): 7:00am to 6:00pm Mondays to Fridays, inclusive and 8:00am to 1:00pm Saturdays;
2. Outside standard (daytime): 1:00pm to 6:00pm Saturdays, and 8:00am to 6:00pm on Sundays or public holidays;
3. Outside standard (evening): 6:00pm to 10pm Monday to Sunday, inclusive; and
4. Outside standard (night time): 10:00pm to 7:00am Monday to Friday and 10:00pm to 8:00am on Saturdays, Sundays and public holidays.

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Table 6.2 Construction Noise Management Levels (Other Sensitive Receptors)

Noise Catchment Area (NCA)	Acceptable $L_{Aeq,\ 15\ minute}$ Noise Level			
		Outside Standard Construction Hours		
	Standard Construction Hours[1]	Daytime[2]	Evening[3]	Night[4]
Commercial	70	70	70	70
Industrial	75	75	75	75
Recreational (Active)	65	65	65	65
Place of Worship*	55	55	55	55
Educational*	55	55	55	55
Hospital wards and operating theatres*	55	55	55	55

Source: CNVIS

1. Standard (daytime): 7:00am to 6:00pm Mondays to Fridays, inclusive and 8:00am to 1:00pm Saturdays;
2. Outside standard (daytime): 1:00pm to 6:00pm Saturdays, and 8:00am to 6:00pm on Sundays or public holidays;
3. Outside standard (evening): 6:00pm to 10pm Monday to Sunday, inclusive; and
4. Outside standard (night time): 10:00pm to 7:00am Monday to Friday and 10:00pm to 8:00am on Saturdays, Sundays and public holidays.

* External criteria value translated from the internal ICNG management level, assuming windows operable.

Highly Noise Affected Management Level

In accordance with the ICNG, the Highly Noise Affected Management Level (HNML) of 75 dBA will apply to residential (dwelling) receptors. LOR will consult with all receptors identified to exceed the NMLs in the CNVIS in accordance with **CoA – E33** with the objective of determining appropriate additional mitigation measures in line with the SM CNVS, refer **Section 8.2**.

Table 6.3 Sleep Disturbance Screening Levels

Noise Catchment Area (NCA)	Sleep Disturbance Screening Level (L_{Amax})
NCA01	50
NCA01a	56
NCA02	50
NCA02a	56
NCA03	52
NCA04	49
NCA04a	56
NCA05	60
NCA06	53

Source: CNVIS

1. These sleep disturbance screening levels only apply during the night time defined by the INP as the period from 10:00pm to 07:00am (Monday to Saturday) and 10:00pm to 08:00am (Sundays and Public Holidays).

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5.2 Construction Road Traffic Noise

The ICNG does not include any criteria to assess off-site traffic noise associated with construction and demolition. Criteria for off-site road traffic noise applicable to 'existing residences affected by additional traffic on existing roads generated by land use developments' are specified in the RNP.

An objective of the RNP is to protect sensitive receptors against excessive decreases in amenity as the result of a project by applying apply relevant permissible noise increase criteria. In assessing feasible and reasonable mitigation measures, an increase of up to 2 dBA represents a minor impact that is considered barely perceptible to the average person.

On this basis, as outlined in the SM CNVS, construction traffic NMLs set at 2 dBA above the existing road traffic noise levels during the daytime and night-time periods are considered appropriate to identify the onset of potential noise impacts. Where the road traffic noise levels are predicted to increase by more than 2 dBA as a result of construction traffic, consideration would be given to applying feasible and reasonable noise mitigation measures to reduce the potential noise impacts and preserve acoustic amenity.

Whilst these criteria do not specifically apply to construction/demolition traffic movements, they have been conservatively adopted here in the CNVIS and are summarised in **Table 6.4 below**.

Table 6.4 Road Traffic Noise Management Levels

Category	Road	Management Level, dBA	
		Daytime[1]	Night time[2]
Sub-arterial roads	e.g. Pacific Highway / Mowbray Road	LAeq,1 hour ≤ 60 (external)	LAeq,1 hour ≤ 55 (external)
Local Roads	e.g. Brand St / Drake St / Hopetoun Ave	LAeq,1 hour ≤ 55 (external)	LAeq,1 hour ≤ 50 (external)

Source: SM CNVS, RNP

1. Daytime means between 7:00am and 10:00pm, Monday to Sunday inclusive; and
2. Night time means between 10:00pm to 7:00am, Monday to Sunday inclusive.

The **Table 6.4** criteria do not apply to vehicle movements within the NCW Site. For the purpose of this CNVMP any noise generated by on-site vehicle movements is considered as construction noise and managed holistically with on-site mobile plant in accordance with the ICNG. Additionally, it is typically recognised that for existing residences and other sensitive land uses affected by additional traffic on existing roads, any increase in the total traffic noise level will preferably be limited to 2dB above the existing road traffic noise levels as an increase of 2dB is typically considered not noticeable.

The road traffic noise management levels differ from general construction NML and apply 1 m from the property façade. Road traffic impacts are not anticipated such that direct assessment of NCW road traffic noise will not be undertaken unless it becomes necessary (i.e. impacts are identified or complaints are received) during the works. Where impacts are identified or complaints are received the extent of assessment will be determined on a case by case basis.

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5.3 Vibration Management Levels

Impacts from vibration will be considered both in terms of effects on building occupants (human comfort) and the effects on the building structure (structural/cosmetic damage). Of these considerations, the human comfort limits are the most stringent. Therefore, for occupied buildings, if compliance with human comfort limits is achieved, it will follow that compliance will be achieved with the building damage objectives.

Refer **Section 7.2.2** which describes how the human comfort structural/cosmetic damage criteria will be evaluated, selected and applied as appropriate to the receptor and potential impacts.

5.3.1 Human Comfort (or Annoyance)

The NSW Vibration Guideline provides guidance for assessing human exposure to vibration. The publication is based on British Standard BS 6472:1992.

BS 6472-1992 provides guideline values for continuous, transient and intermittent events that are based on a Vibration Dose Value (VDV). The vibration dose value is dependent upon the level and duration of the short term vibration event, as well as the number of events occurring during the daytime or night-time period. The vibration dose values recommended in BS 6472-1992 for which various levels of adverse comment from occupants may be expected are presented in **Table 6.5**.

Based on the NSW Vibration Guideline, Intermittent vibration can be defined as interrupted periods of continuous vibration (e.g. vibratory rolling, heavy truck pass-by's or rock breaking) or continuous periods of impulsive vibration (e.g. impact pile driving). Higher vibration levels are allowed for intermittent vibration compared with continuous vibration on the basis that the higher levels occur over a shorter time period. Hence, for intermittent vibration, human comfort vibration levels are assessed on the basis of the Vibration Dose Value, based on the level and the duration of the vibration events. Given the scenarios and activities outlined in the CNVIS, the vibration generating activities identified for the NCW P7B project will be classified as intermittent vibration.

Table 6.5 Vibration Dose Value Ranges which Might Result in Various Probabilities of Adverse Comment within Residential Buildings

Place and Time	Low Probability of Adverse Comment ($m/s^{1.75}$)	Adverse Comment Possible ($m/s^{1.75}$)	Adverse Comment Probable ($m/s^{1.75}$)
Residential buildings 16 hr day	0.2 to 0.4	0.4 to 0.8	0.8 to 1.6
Residential buildings 8 hr night	0.1 to 0.2	0.2 to 0.4	0.4 to 0.8

Source: SM CNVS

Note: For offices and workshops, multiplying factors of 2 and 4 respectively will be applied to the above vibration dose value ranges for a 16 hr day.

It is noted however that the direct measurement (or equivalent estimation via calculation) of VDV is often impractical and does not allow for the assessment of impacts whilst works are occurring. VDV provides an indication of impacts after the works have occurred based on the duration, intensity and characteristic frequency of the measured vibration events throughout a work day. To provide greater flexibility and to enable the assessment of potential impact via the PPV parameter (which can be measured and evaluated during works) the following thresholds identified in **Table 6.6** will be applied to assess the probability for adverse comment from residential receptors. These values have been established as per Table C1.1 of the NSW Vibration Guideline and will be applied in combination with the VDV presented in **Table 6.5**.

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Table 6.6 Perceptible Vibration Criteria for Exposure to Continuous and Impulsive Vibration

Place	Time	Peak Particle Velocity (mm/s)	
		Preferred	Maximum
Continuous Vibration			
Residences	Daytime	0.28	0.56
	Night-time	0.20	0.40
Offices	Day- or Night-time	0.56	1.1
Workshops	Day- or Night-time	1.1	2.2
Impulsive Vibration			
Residences	Daytime	8.6	17.0
	Night-time	2.8	5.6
Offices	Day- or Night-time	18.0	36.0
Workshops	Day- or Night-time	18.0	36.0

1. Values given for the most critical frequency range >8Hz assuming sinusoidal motion.

Source: Table C1.1 – The NSW Vibration Guideline

5.3.2 Building Damage (Structural/Cosmetic Damage)

There are currently no Australian Standards or guidelines to provide guidance on assessing the potential for building damage from vibration and it is common practice to derive goal levels from international standards.

To achieve the requirements of the SM CNVS, British Standard BS 7385:1993 is presented (refer **Table 6.7**) in the CNVMP and will be considered during works where applicable. BS 7385 provides safe limit guideline values, below which vibration is considered insufficient to cause structural or cosmetic damage to buildings.

The recommended limits (guide value, refer SM CNVS) from BS7385 for transient vibration to ensure minimal risk of cosmetic damage to residential and industrial buildings are presented in **Table 6.7** with each "Line" shown in **Figure 6.1**. In accordance with **CoA – E28** vibration from construction activities for this project must not exceed the vibration limits set out in the BS7385.

For most construction activities involving intermittent vibration sources such as rock breakers, piling rigs, vibratory rollers, excavators and the like, the predominant vibration energy occurs at frequencies greater than 4 Hz (and usually in the 10 Hz to 100 Hz range). On this basis, a conservative vibration damage screening level per receptor type is given below:

- Reinforced or framed structures: **25.0 mm/s.**
- Unreinforced or light framed structures: **7.5 mm/s.**

At locations where the predicted and/or measured vibration levels are greater than shown above (peak component particle velocity), a more detailed analysis of the building structure, vibration source, dominant frequencies and dynamic characteristics of the structure will be required to determine the applicable safe vibration level.

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Table 6.7 Building Damage Vibration Management Levels (BS 7385)

Line	Type of Building	Peak Particle Velocity (PPV in mm/s) in the Frequency Range of Predominant Pulse	
		4 Hz to 15 Hz	15 Hz & Above
1	Reinforced or framed structures Industrial and heavy commercial buildings	50mm/s at 4 Hz and above	
2	Unreinforced or light framed structures Residential or light commercial type buildings	15mm/s at 4 Hz increasing to 20mm/s at 15 Hz	20mm/s at 15 Hz increasing to 50mm/s at 40 Hz and above

Source: BS 7385, SM *CNVS*

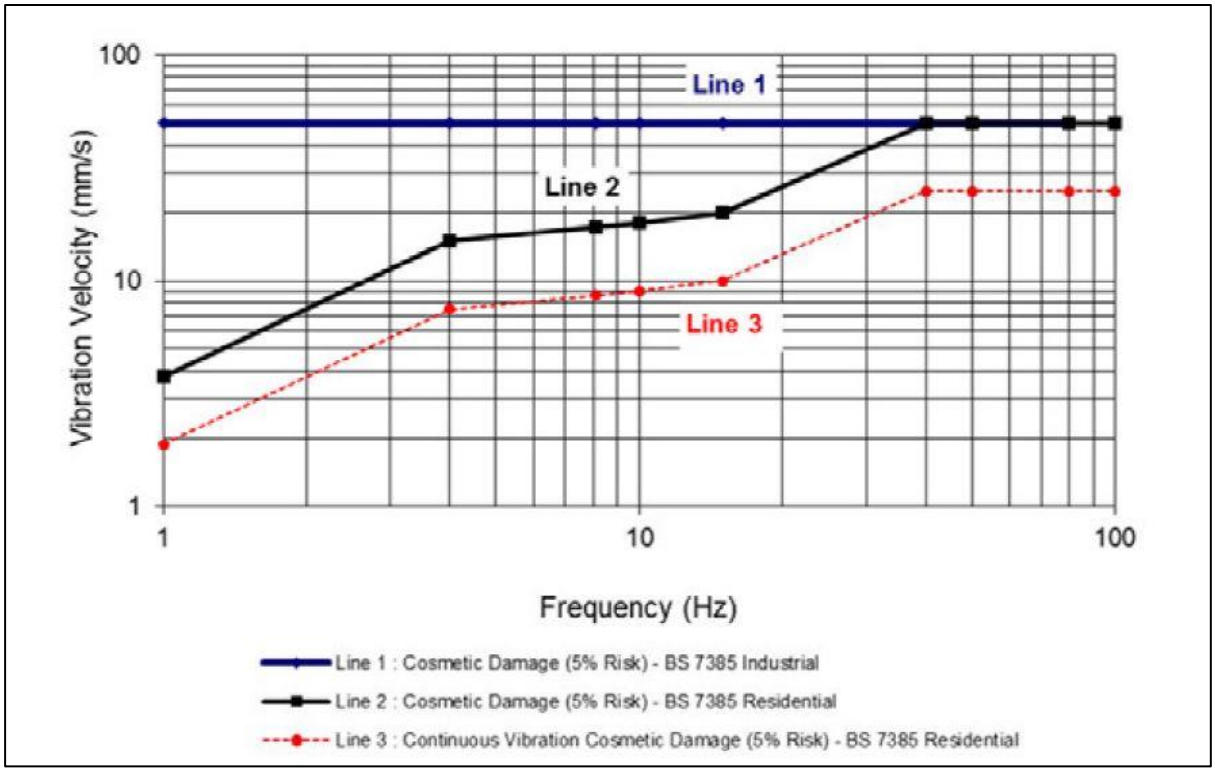

Figure 6.1: Building Damage Vibration Management Levels (BS 7385)

Guidance Note

With regard to these levels BS 7385 states, *"Some data suggests that the probability of damage tends towards zero at 12.5 mm/s peak component particle velocity. This is not inconsistent with an extensive review of the case history information available in the UK."*

Also that: *"A building of historical value should not (unless it is structurally unsound) be assumed to be more sensitive."*

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Heritage buildings and structures will also be assessed as per the screening criteria in **Table 6.7** as they should not be assumed to be more sensitive to vibration unless they are found to be structurally unsound.

If a heritage building or structure is found to be structurally unsound (following inspection) a more conservative cosmetic damage criteria of **2.5 mm/s** peak component particle velocity (from DIN 4150) will be considered. The applicable German Standard DIN 4150:3 management levels are tabulated in **Table 6.8** with each "Line" shown in **Figure 6.2**.

Table 6.8 Building Damage Vibration Management Levels (DIN4150:3)

Line	Type of Structure	Guideline Values for Velocity (PPV in mm/s)		
		1 Hz to 10 Hz	10 Hz to 50 Hz	50 Hz to 100 Hz[1]
3	Structures that, because of their particular sensitivity to vibration, cannot be classified under either of the other classifications and of great intrinsic value	3	3 to 8	8 to 10

Source: SM CNVS, CNVIS

1. At frequencies above 100 Hz, the values given in this column may be used as minimum values; and
2. The 50 Hz values may be applied to assess vibration at the horizontal plane of the highest building floor at all frequencies.
3. As per the SM CNVS, Heritage criteria are provided. It is noted that line one and line two do not apply to this project. These criteria are only to be applied if a heritage building or structure is found to be structurally unsound.

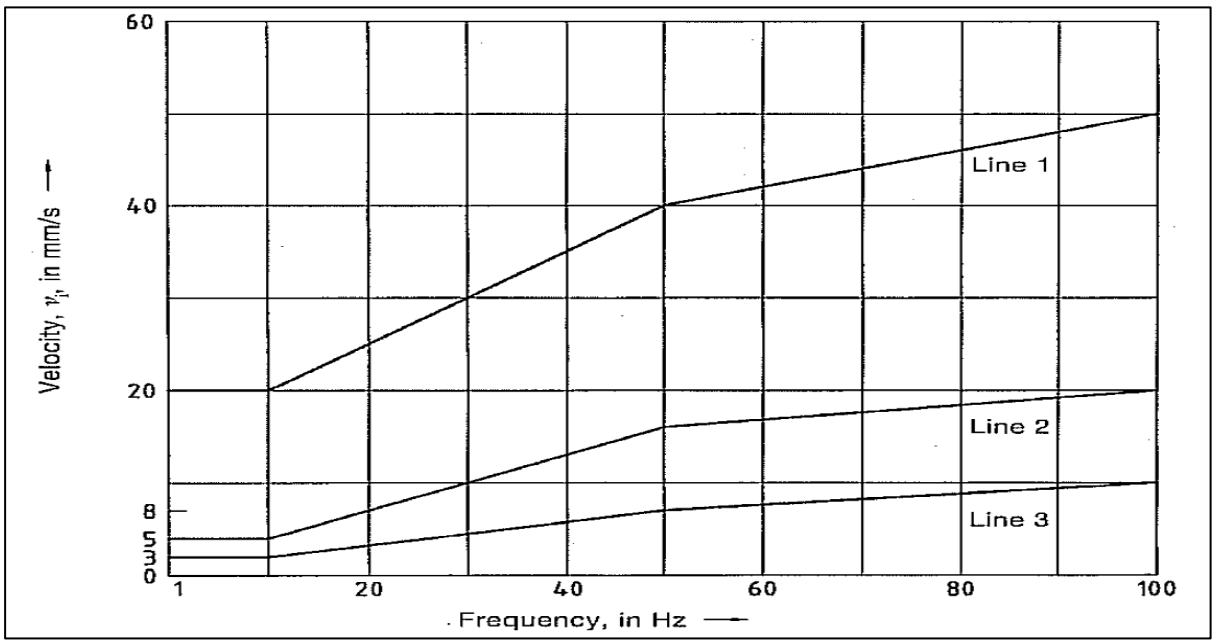

Figure 6.2: Building Damage Vibration Management Levels (DIN4150:3)

Guidance Note

With regard to these levels DIN 4150:3 states, *"experience has shown that if these values are complied with, damage that reduces the serviceability of the building will not occur. If damage nevertheless occurs, it is to be assumed that other causes are responsible. Exceeding [these] values does not necessarily lead to damage; should they be significantly exceeded, however, further investigations are necessary."*

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6. Work Hours

6.1 Hours of Work

In accordance with the **EPL 12208**, the approved NCW standard construction hours are as follows (**CoA – E36**). All general construction works and activity will be scheduled to occur between these hours, unless OOHW becomes necessary (see below):

- 7:00am to 6:00pm Mondays to Fridays, inclusive;
- 8:00am to 1:00pm Saturdays; and
- at no time on Sundays or public holidays.

For construction activities, **EPL 12208** regulates the hours that 'high noise impact generating works' may occur. Any high noise impact generating works must only be undertaken:

- between the hours of 8:00am and 10:00pm Monday to Friday; and
- between the hours of 8:00am and 6:00pm Saturdays and Sundays.

In accordance with **EPL 12208, CoA – E40** and the SM **CNVS**, where the high noise impact generating construction works are planned to impact the same noise sensitive receptors in blocks of three hours, one hour respite is required between each block of work.

For the purposes of **EPL 12208** 'high noise impact generating works' include:

a) rail regulating and tamping, jack hammering, grinding, line drilling, pile driving, rock hammering, rock breaking, saw cutting, **sheet piling**, vibratory rolling; or
b) any other activities where those activities in either (a) or (b) above generate offensive noise (as defined in the Dictionary to the POEO Act 1997) at noise sensitive receivers, because of their impulsive, intermittent, low frequency or tonal characteristics.

In accordance with **CoA – E34** noise and vibration generating works in the vicinity of potentially-affected community, religious, educational institutions and noise and vibration-sensitive businesses and critical working areas (such as theatres, laboratories and operating theatres) must not be timetabled within sensitive periods, unless other reasonable arrangements to the affected institutions are made at no cost to the affected institution or as otherwise approved by the Secretary.

Commercial, educational, religious and a number of other sensitive receptor types have been identified in the CNVIS (refer Appendix E). LOR must undertake consultation with sensitive receptors, in order to identify sensitive time periods as required by **CoA – E34**.

6.1.1 Works Outside of the Approved Standard Hours

In reference to **CoA – E48**, there are no activities for the NCW project scheduled to be undertaken 24 hours a day 7 days a week. However, there are instances throughout the project where OOHW will be required.

In accordance with the **EPL - 12208**, where maintenance or construction activities are undertaken outside of the approved maintenance and construction hours, noise impacts must be managed in accordance with those provisions of the ICNG. **EPL – 12208** also states for Out of Hours Works (OOHW) that notification of potentially affected sensitive receptors must be made not less than 5 days and not more than 14 days before those activities are to be undertaken (refer conditions O5.1 to O5.6 in the EPL).

In accordance with the OOHW Protocol in **Appendix B**, the contractor is expected to:

- Prepare an application to the TfNSW Place Manager, TfNSW Environment Manager, AA and ER for review in accordance with the SM CNVS and EPL requirements;
- Submit the revised application to the TfNSW Place Manager, TfNSW Environment Manager, AA and ER for endorsement and / or approval;
- Ensure any required community notifications have been issued (by either TfNSW or the contractor directly) at least seven days prior to the works commencing.

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OOHW (i.e. works outside the approved NCW standard hours) at this stage are proposed for a number of work phases. Impacts for these phases are assessed in the CNVIS. Other activities may become necessary as the construction methodology develops, during both design and actual implementation of the works at the site.

Where OOHW is required or becomes necessary the OOHW Protocol will be implemented, as presented in **Appendix B**. In addition to the OOHW protocol presented in **Appendix B,** the Additional Mitigation Management requirements will be considered as outlined in **Section 8.2** of this CNVMP, in accordance with the SM NVS.

Where OOHW is required or becomes necessary, a task specific Out Of Hours Work Application Form (OOHWAF) will be submitted the TfNSW Place Manager, TfNSW Environment Manager, AA and ER for review. Following their reviews, TfNSW, the AA and the ER may provide comments on the application, which need to be adequately addressed by the contractor in a resubmitted application to the satisfaction of the comment provider(s). Once all comments have been adequately addressed, the application requires endorsement by the TfNSW Principal Manager (Stakeholder & Community Liaison), and will be forwarded to the AA to identify a risk level for the proposed OOH work as either 'Low risk' or 'High risk'.

Following the identification of risk level by the AA, the AA endorses the OOH work application and provides any conditions or comments. If the AA identifies that the OOH work application is high risk and includes works after 9pm, the application will be forwarded to the ER for endorsement only. Following the ER's endorsement, the application will then be formally submitted by TfNSW via email to the Secretary for approval as per **CoA - E47**. For all other applications, the ER will indicate their approval (or otherwise) on the application, including any conditions or comments, and will forward directly to TfNSW, the contractor and the AA.

6.1.2 Emergency Construction

Notwithstanding **CoA – E36** and **EPL – 12208,** construction associated with the CSSI may be undertaken outside the hours specified under those conditions where it is required in an emergency to avoid injury or the loss of life, to avoid damage or loss of property or to prevent environmental harm.

On becoming aware of the need for emergency construction, LOR must notify the AA, the ER and the EPA of the need for those activities or work. LOR must also use best endeavours to notify all affected sensitive receptors of the likely impact and duration of those works in accordance with **CoA – E45**.

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7. Aspects, Impacts & Risks

This section outlines relevant aspects of the construction methodology and the predicted construction noise and vibration impacts. The predicted noise and vibration impacts are detailed in the CNVIS and summarised here as relative to the surrounding community or nearby by structures. The CNVIS was prepared for the NCW project prior to the commencement of construction, to ensure the adequacy of the noise and vibration mitigation measures.

7.1 Construction Methodology

A number of key construction scenarios (SCN / Work Phases) were identified in the CNVIS for NCW Portion 7B as follows:

- SCN01 - Clearing and Grubbing for site establishment
- SCN02 - Overhead Wiring Footings, Structures and Wiring
- SCN03 - Drainage System Installation
- SCN04 - Track Slew or Switch
- SCN05 - Removal of existing Tracks
- SCN06 - HV Electrical Works
- SCN07 - Construction of Combined Services Route (CSR)
- SCN08 - Under Line Crossing (ULX) Works
- SCN09 - Relocation and Termination of Utilities in Nelson St Bridge
- SCN10 - Nelson St Bridge Demolition
- SCN11 - Mowbray Rd Bridge Demolition of break Wall- OOHW
- SCN12 - Mowbray Rd Bridge Construction of base slab and deflection wall
- SCN13 - Mowbray Rd Bridge Install of Precast piles - Standard Hours
- SCN14 - Mowbray Rd Bridge Install of Crash Barrier and Footpath - OOHW
- SCN15 - Mowbray Rd Bridge Footpath alterations / Road Works - Standard Hours
- SCN16 - Rail Corridor Fence / Noise Walls Installation
- SCN17 - Orchard Rd Ancillary Facility
- SCN18 - Brand St Ancillary Facility
- SCN19 - Brand St Laydown Area
- SCN20 - Hampden Road Laydown Area
- SCN21 - Elizabeth St Ancillary Facility
- SCN22 - Elizabeth St Laydown Area
- SCN23 - Cleland Rd Ancillary Facility
- SCN24 - Cleland Rd Laydown Area
- SCN25 - Cleland Rd Stockpiling
- SCN26 - Lambs Rd Laydown Area
- SCN27 - St Leonards Yard Laydown Area

These scenarios were advised by LOR and are consistent with the current construction methodology of NCW as described in **Section 1.2.2**. Details of these construction works (reproduced from the CNVIS) and scenarios are summarised in **Table 7.1** below and presented in **Appendix D**. There may be some overlap between these work phases. The construction program as outlined in the CEMP is provided in **Appendix F**. **Section 8** outlines all mitigation and management measures required across all construction scenarios however **Table 7.1** below provides a summary of the additional mitigation measures required for each construction scenario. Further detail on additional mitigation measures is outlined in **Section 8.2**.

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Table 7.1 Construction Works and Associated Activities

ID	Activity	OOHW Required?	Schedule	Proposed Dates	Additional Mitigation Measures
SCN01	Clearing and Grubbing for site establishment	N	Standard Construction Hours	As required	The following additional mitigation measures will also be required at the closest and most affected receptors: M, LB
SCN02	Overhead Wiring Footings, Structures and Wiring	Y	Weekend Possessions, Day and Night	DEC 2018 - MAR 2020	The following additional mitigation measures will also be required during the night time period at the closest and most affected receptors i.e. R152, R165 and R170: AA, M, IB, LB, PC, RO, SN
SCN03	Drainage System Installation	Y	Weekend Possessions, Day and Night	JAN 2019 – MAR 2020	The following additional mitigation measures will also be required during the night time period at the closest and most affected receptors i.e. R.232, R.226, R.239, R.242, R.212, R.231, R.230, R.216, R.228, R.211, R.250, R.222, R.209 and R.220: AA, M, IB, LB, PC, RO, SN
SCN04	Track Slew or Switch	Y	Weekend Possessions, Day and Night	NOV 2018 – OCT 2019	The following additional mitigation measures will also be required during the night time period at the closest and most affected receptors i.e. R.181, R.144, R.152, R.170, R.165, R.209, R.127, R.134, R.211, R.212, R.122, R.128, R.149, R.157, R.159, R.163 and R.177 : AA, M, IB, LB, PC, RO, SN
SCN05	Removal of existing Tracks	Y	Weekend Possessions, Day and Night	JUN 2019 – OCT 2019	The following additional mitigation measures will also be required at the closest and most affected receptors i.e. R.179, R.250, R.186, R.226, R.231, R.239, R.251, R.257, R.260, R.266, R.270, R.185, R.232, R.242, R.212, R.272, R.181, R.216, R.108, R.144, R.152, R.170, R.209, R.211, R.165, R.228, R.230, R.245, R.265, R.114, R.122, R.157, R.159 and R.248: AA, M, IB, LB, PC, RO, SN
SCN06	HV Electrical Works	Y	Weekend Possessions, Day and Night	OCT 2018 – DEC 2019	The following additional mitigation measures will also be required at the closest and most affected receptors i.e. R.179, R.250, R.226, R.239, R.186, R.231, R.242, R.251, R.257, R.260, R.266, R.270, R.185, R.232, R.181, R.212, R.272, R.216, R.108 and R.144: AA, M, IB, LB, PC, RO, SN
SCN07	Construction of Combined Services Route (CSR)	Y	Weekend Possessions, Day and Night	APR 2019 – DEC 2019	The following additional mitigation measures will also be required during the night time period at the closest and most affected receptors i.e. R.152, R.144, R.159, R.165, R.170, R.179 and R.108: AA, M, IB, LB, PC, RO, SN

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ID	Activity	OOHW Required?	Schedule	Proposed Dates	Additional Mitigation Measures
SCN08	Under Line Crossing (ULX) Works	Y	Weekend Possessions, Day and Night	JAN 2019 – DEC 2019	The following additional mitigation measures will be required during the night time period at the closest and most affected receptors i.e. R.179, R.250, R.186, R.239, R.257, R.260, R.266, R.270, R.185, R.231, R.232, R.242, R.251, R.212, R.226, R.181, R.272 and R.216: AA, M, IB, LB, PC, RO, SN
SCN09	Relocation and Termination of Utilities in Nelson St Bridge	Y	Weekend Possessions, Day and Night	FEB 2019	The following additional mitigation measures will be required at the closest and most affected receptors i.e. R.179, R.185, R.177, R.186, R.187, R.170, R.174, R.175, R.181, R.172, R.180, R.171, R.165, R.152, R.163, R.184, R.182 and R.157: AA, M, IB, LB, PC, RO, SN
SCN10	Nelson St Bridge Demolition	Y	Standard Construction Hours + Weekend Possessions, Day and Night	23 - 24 FEB 2019 05 - 06 APR 2019 22 - 23 JUN 2019	The following additional mitigation measures will be required during the night time period at the closest and most affected receptors i.e. R.179, R.185, R.177, R.186, R.170, R.174, R.187, R.175, R.181, R.172, R.180, R.171, R.165, R.163, R.152, R.182, R.184 and R.157: AA, M, IB, LB, PC, RO, SN
SCN11	Mowbray Rd Bridge Demolition of break Wall- OOHW	Y	Weekend Possessions, Day and Night	DEC 2019	The following additional mitigation measures will be required at the closest and most affected receptors i.e. R.195, R.198, R.202, R.186, R.179, R.209, R.185, R.181, R.212, R.207, R.175, R.211, R.216, R.170, R.177, R.204, R.231 and R.239: AA, M, IB, LB, PC, RO, SN
SCN12	Mowbray Rd Bridge Construction of base slab and deflection wall	Y	Standard Construction Hours + Weekend Possessions, Day and Night	OCT 2019 – DEC 2019	The following additional mitigation measures will be required at the closest and most affected receptors i.e. R.195, R.198, R.202, R.186, R.179, R.209, R.185, R.181, R.212, R.207, R.175, R.211, R.216, R.170, R.177, R.204, R.231 and R.239: AA, M, IB, LB, PC, RO, SN
SCN13	Mowbray Rd Bridge Install of Precast piles - Standard Hours	N	Standard Construction Hours	OCT 2019 – DEC 2019	No additional mitigation measures have been identified for this scenario.
SCN14	Mowbray Rd Bridge Install of Crash Barrier and Footpath - OOHW	Y	Weekend Possessions, Day and Night	DEC 2019	The following additional mitigation measures will be required during the night time period at the closest and most affected receptors i.e. R.195, R.198, R.186, R.179, R.209, R.185, R.181, R.212 and R.207: AA, M, IB, LB, PC, RO, SN
SCN15	Mowbray Rd Bridge Footpath alterations / Road Works - Standard Hours	N	Standard Construction Hours	DEC 2019 – AUG 2020	The following additional mitigation measures will be required at the closest and most affected receptors: M, LB

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ID	Activity	OOHW Required?	Schedule	Proposed Dates	Additional Mitigation Measures
SCN16	Rail Corridor Fence / Noise Walls Installation	Y	Standard Construction Hours + Weekend Possessions, Day and Night	VARIOUS	The following additional mitigation measures will be required during the night time period at the closest and most affected receptors i.e. R.179, R.242, R.251, R.232, R.250, R.239, R.186, R.226, R.257, R.260, R.266, R.270, R.231, R.185, R.212, R.265, R.272, R.245, R.181, R.216, R.228, R.230, R.248 and R.211: AA, M, IB, LB, PC, RO, SN
SCN17	Orchard Rd Ancillary Facility	Y	Standard Construction Hours + OOHW	VARIOUS	The following additional mitigation measures will be required during the night time period at the closest and most affected receptors i.e. R.186 and R.185: M, IB, LB, PC, RO, SN
SCN18	Brand St Ancillary Facility	Y	Standard Construction Hours + OOHW	VARIOUS	The following additional mitigation measures will be required during the night time period at the closest and most affected receptors i.e. R.274 and R.276: AA, M, IB, LB, PC, RO, SN
SCN19	Brand St Laydown Area	Y	Standard Construction Hours + OOHW	VARIOUS	The following additional mitigation measures will be required during the night time period at the closest and most affected receptors i.e. R.283, R.284, R.286, R.280, R.288, R.297, R.300, R.302, R.303, R.289, R.294, R.305, R.306, R.279, R.290, R.308, R.309, R.293, R.276, R.296, R.287, R.310, R.274, R.285, R.314, R.317, R.282 and R.323: M, IB, LB, PC, RO, SN
SCN20	Hampden Road Laydown Area	Y	Standard Construction Hours + OOHW	VARIOUS	The following additional mitigation measures will be required during the night time period at the closest and most affected receptors i.e. R.371, R.382, R.386, R.387 and R.391: AA, M, IB, LB, PC, RO, SN
SCN21	Elizabeth St Ancillary Facility	Y	Standard Construction Hours + OOHW	VARIOUS	The following additional mitigation measures will be required during the night time period at the closest and most affected receptors i.e. R.301: AA, M, IB, LB, PC, RO, SN
SCN22	Elizabeth St Laydown Area	Y	Standard Construction Hours + OOHW	VARIOUS	The following additional mitigation measures will be required during the night time period at the closest and most affected receptors i.e. R.371, R.382, R.391, R.402, R.405, R.387, R.397, R.400, R.404, R.406, R.407, R.409, R.410, R.412, R.386, R.393 and R.411: M, IB, LB, PC, RO, SN
SCN23	Cleland Rd Ancillary Facility	Y	Standard Construction Hours + OOHW	VARIOUS	The following additional mitigation measures will be required during the night time period at the closest and most affected receptors i.e. R.417, R.418, R.416, R.412, R.411 and R.410: M, IB, LB, PC, RO, SN
SCN24	Cleland Rd Laydown Area	Y	Standard Construction Hours + OOHW	VARIOUS	The following additional mitigation measures will be required during the night time period at the closest and most affected receptors i.e. R.402, R.405, R.400, R.404, R.412, R.397, R.406, R.411, R.416, R.407, R.409, R.410, R.417, R.391, R.393 and R.394: M, IB, LB, PC, RO, SN

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ID	Activity	OOHW Required?	Schedule	Proposed Dates	Additional Mitigation Measures
SCN25	Cleland Rd Stockpiling	Y	Standard Construction Hours + OOHW	VARIOUS	The following additional mitigation measures will be required during the night time period at the closest and most affected receptors i.e. R.402 and R.405: AA, M, IB, LB, PC, RO, SN
SCN26	Lambs Rd Laydown Area	Y	Standard Construction Hours + OOHW	VARIOUS	The following additional mitigation measures will be required during the night time period at the closest and most affected receptors i.e. R.430, R.434, R.441 and R.447: M, IB, LB, PC, RO, SN
SCN27	St Leonards Yard Laydown Area	Y	Standard Construction Hours + OOHW	VARIOUS	The following additional mitigation measures will be required during the night time period at the closest and most affected receptors i.e. R.504, R.499, R.511, R.517 and R.496: M, IB, LB, PC, RO, SN

Source: CNVIS.

1. Additional mitigation measures are outlined in further detail in **Section 8.2**.
2. The additional mitigation measures outlined here (excluding SCN01, SCN13 and SCN15) are based on the requirement of night time works. If night time works are not required for any given scenario, the additional mitigation measured required will be reduced. Further detail is provided in the CNVIS.

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7.2 Predicted Construction Impacts

In general, noise (and vibration) impacts are likely to occur due to the NCW project emissions that are considered offensive by the community and are likely to result in complaints being received, additional mitigation or management measures being implemented, or additional monitoring being required.

For noise impacting residential and other sensitive receptors, the potential impacts relate to annoyance or an unacceptable noise amenity. A summary of the most affected noise receptors considered in the CNVIS and the predicted value at each is presented in **Appendix C**. Due the level of detail and the number of receptors in the CNVIS the full set of results has not been reproduced in the CNVMP.

For vibration impacting building structures, the potential impacts relate to structural or cosmetic damage. These however are unlikely to occur with good practice construction management, adherence to safe work distances and monitoring of significant vibration activities to verify compliant levels.

In all cases the assessment of vibration criteria (cosmetic/structural damage and human annoyance) is focused on the closest and/or potentially most affected vibration receptors being **R.170, R.174, R.175, R.177 and R179** for SCN10 (Nelson St Bridge) and **R.198 and R.195** for SCN11 and SC12 (Mowbray Rd Bridge Bridge).

7.2.1 Potential Noise Impacts

The CNVIS provided a detailed breakdown of the key construction periods and associated equipment, and their source noise emission (Sound Power Levels, L_W or SWL). These values and summary of the predicted $L_{Aeq, 15minute}$ noise levels from the CNVIS (determined via modelling for each scenario) are reproduced in **Appendix C** and **Appendix D**.

All L_W, dBA values have considered and applied the relevant INP modifying factors (penalties) for offensive noise characteristics, prior to modelling. All modelling inputs have also considered and applied the standard mitigation measures prior to modelling; this is reflected in the L_W adopted for each item of equipment. Furthermore, the 3D noise model has incorporated the shielding provided by topography and the existing rail noise barrier situated to the north of Nelson Street on both the up and down side of the rail alignment. Values that exceed the HNAML in **Appendix C** (fixed at 75 dB for residential receptors) are highlighted in **bold and underlined** typeset.

In each scenario, it was assumed in the CNVIS that all plant will operate simultaneously, which is considered to be representative of potential worst-case conditions. The CNVIS results (reproduced in **Appendix C** of this CNVMP for ease of reference) indicated that construction noise emissions will exceed the project NMLs at a number of locations during each scenario. The magnitude by which they exceeded the NML did however vary depending on the work phase and necessary equipment. The extent by which they exceeded the NML is constrained to the closest receptors; although elevated levels are predicted at other more distance locations, the highest impacts are limited to those directly adjacent the site.

The highest predicted noise levels are associated with the demolition of the Nelson Street Bridge occurring in SCN10. Other scenarios with the highest predicted noise levels at receptors are associated with the Nelson Street and Mowbray Road Bridge works (i.e. SCN09, SCN11 and SCN12) where high noise generating works are being undertaken in close proximity to potentially sensitive receptors. These noise levels are predicted at the nearest receptors located in generally the first row of buildings with direct line of sight to NCW works.

The following scenarios are predicted to generate noise levels >30dBA above the RBL (as per the AMMM) at the closest and most affected receptors for works within the recommended standard hours of construction: SCN01, SCN03, SCN04, SCN05, SCN06, SCN08, SCN09, SCN10, and SCN16.

The following scenarios are predicted to generate noise levels >30dBA above the RBL (as per the AMMM) at the closest and most affected receptors for works outside the recommended standard hours of construction: SCN03 to SCN12, SCN16, SCN18, SCN20, SCN21 and SCN25.

Based on these general construction noise levels exceeding the NML it is also considered likely that sleep disturbance screening criteria will be exceeded at the nearest and most sensitive residential receptors during OOHW**.** Community and stakeholder consultation and notification processes outlined in the AMMM in **Section 8.2** will be required at these receptors. Mitigation and management measures from the AMMM will

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also be required such as alternative accommodation, monitoring and respite offers. It should also be noted that where night time noise monitoring is required to occur, this will include sleep disturbance noise monitoring.

Some noise from construction sites is inevitable, such that the ICNG focuses on minimising construction noise impacts, rather than only on achieving numeric noise levels. These results and noted exceedances identify that best-practice construction noise management and control techniques will be required to reduce noise levels as far as practicable. To minimise impacts additional noise control, mitigation and management measures may also be warranted. These will need to be implemented in conjunction with community and stakeholder consultation and notification processes outlined in the AMMM in **Section 8.2**.

It is also a requirement under **CoA – E41** and **E42** that LOR must identify and consult with all receptors likely to experience internal noise levels greater than $L_{eq\ 15\ minute}$ 45 dBA between 8pm and 7am, including regenerated (ground-borne) noise or a perceptible level of vibration. These receptors must be offered additional mitigation in accordance with AMMM in **Section 8.2.** As per **CoA – E41** the internal screening level for non-residential zones is increased to $L_{eq,\ 15\ minute}$ 60 dBA between 8pm and 9pm.

It is possible to estimate internal noise levels based on the predicted values presented in **Appendix C** for each scenario by deducting 10 dBA from these external values to represent windows being partially open and by deducting 20 dBA to represent windows being closed.

Ground-borne construction noise impacts from NCW works are not anticipated as vibration generating source/s with the potential to generate perceptible ground-borne noise, do not form part of the overall construction design. Due to the attention given to the airborne noise for the project it has been determined that the mitigation and management measures recommended for airborne noise will also be sufficient in managing impacts from potential ground-borne noise. Airborne noise will dominate ground borne noise in all instances and therefore is the driving consideration for noise and vibration mitigation.

Technical Note

At the time the P7b CNVIS was finalised (September 2018) and this CNVMP subsequently prepared, the removal of a portion of the existing rail corridor noise wall (by and third party) and subsequent installation of a temporary noise curtain was proposed/approved. As stated in the CNVIS a review of P7b works was conducted to address the potential effect of this feature. The review identified that P7b activities will not be occurring in the area near to the portion of barrier "noise wall" proposed to be removed, during the period of time when the noise wall is not there. Therefore the temporary removal of the noise wall, and/or a temporary noise curtain are not expected change the predicted construction noise levels presented in the CNVIS, which were referenced in the preparation of this CNVMP. Regardless, suitable safeguards and provisions are incorporated into this CNVMP and these will be actioned in the unlikely event that P7b emissions increase as a result of this noise wall removal circumstance.

Potential Effects of Concurrent Work

Air-borne noise levels have been predicted via 3D noise modelling for a range of works and activities associated with the projects construction. These predicted noise levels are detailed in **Appendix C** of this CNVMP and address each work area/activity so that any additional mitigation and management measures (to those already incorporated into the construction design and noise modelling) may be defined for each representative worst-case assessment scenario.

This method is typical of NSW construction projects especially those of the scale of NCW where there is a large spatial area (extending from Chatswood to St Leonards) and temporal boundary (three year construction program). In these cases there is limited potential for significantly increased noise levels and associated impacts to occur due to concurrent works.

This is primarily due to the dominant influence of the works conducted at or near the most affected receptor (on which the CNVIS and CNVMP is based), which will mask the influence of other works occurring at the time. The construction schedule / timing of works is also an influence when considering this potential as in many cases there are different activities that will be undertaken at the same location over the course of the construction schedule i.e. they will not occur concurrently.

The conservative nature of the predictive inputs that consider all plant, equipment and/or machinery operating concurrently for each scenario are also an influence when considering this feature. The predicted values do

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not represent a constant noise emission that would be experienced by the community on a daily basis throughout the project's construction schedule, they will only be experienced for limited periods of time when those specific activities are occurring, and they will not be experienced over the whole daytime, evening or night time period.

When evaluating potential effects of concurrent work it is also important to consider how noise levels add together. For example, if two separate activities are occurring and the noise level from each is 55 dBA at the receptor, then the resultant noise level is 58 dBA. This increase in noise level (3 dBA) will be just perceptible and a significant change in impact unlikely. If two separate activities are occurring and the noise level from one is 55 dBA and the other is 53 dBA, then the resultant noise level is 57 dBA. This increase in noise level (2 dBA) will be hardly perceptible in practice and a significant change in impact is highly unlikely.

Based on the information presented above a set of provisions, safeguards and monitoring contingencies are provided in the unlikely event that additional issues associated with concurrent works are identified and further mitigation is required. These provisions, safeguards and contingencies are outlined in **Section 10.1** below.

Cumulative Impacts

The NCW contractor in accordance with **CoA - E39** will consult with other proponents of construction activities located in and around the NCW P7B project site. Specifically this will include the Tunnels and Station Excavation Works (TSE) contractor, Sydney Trains and any other contractors that will undertake works within the NCW project area. Cumulative impacts associated with nearby construction works will be managed through the community consultation process. Sydney Trains take the lead on communications that are occurring within Sydney Train land and LOR project works will be included as a combined notification. Further detail of the community consultation process are detailed in the overarching Stakeholder and Community Involvement Plan (Sydney Metro Community Consultation Strategy).

The NCW contractor attends ongoing construction interface meetings with other contractors to understand the scope and extent of impacts and works with Sydney Metro and the AA to modify works based on noise assessment results of the NCW contractor and other contractors if known. The approach allows each contractor to provide the required respite periods identified in accordance with **CoA - E40** and minimise impacts to sensitive receivers through the application of additional mitigation in accordance with the Sydney Metro City and South West Noise and Vibration Strategy referenced in **CoA - E32**.

To avoid any misunderstanding, the addition of noise levels from concurrent/cumulative works will be evaluated to determine appropriate AMM. This feature will be considered during the normal planning and application processes required by the project. To the extent possible, and if other works are identified to take place in the area, at the same time as P7b works, these third party works will be considered and assessed to determine the total predicted noise level at affected receptors. To the extent possible, the total predicted noise level will be determined and adopted to inform which AMM apply in accordance with the Sydney Metro CNVS. These third party contractors will be contacted where necessary to share these outcomes, especially if they are the dominant noise generating source/activity identified at the time.

In accordance with EPL 12208, **CoA – E40** and the SM CNVS, where the high noise impact generating construction works are planned to impact the same noise sensitive receptors in blocks of three hours, one hour respite is required between each block of work.

7.2.2 Potential Vibration Impacts

Activities undertaken on the site during construction may generate ground-borne vibration. With respect to the construction plant identified in **Appendix D**, the highest levels of vibration are expected to occur due to the use of the excavators with hydraulic hammers (SCN10, SCN11 and SCN12) and the track tamper (SCN04 and SCN05). The CNVIS noted that other construction activities were considered and deemed to produce insignificant levels of vibration with limited or no risk in terms of human comfort and certainly no risk of building damage issues.

The track tamping activity to be carried out as part of the Sydney Metro works is not anticipated to differ in any way from the track tamping carried out as part of Sydney Trains major periodic track maintenance. Therefore the vibration levels are not assumed to be higher than currently experienced during major track maintenance. Even if the tamping occurs in closer proximity to receptors than the general Sydney Trains

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track maintenance, the method used throughout the Sydney Trains rail network and in close proximity to buildings will not differ.

To assess potential vibration impacts the CNVIS adopted the applicable safe work distances published in the TfNSW CNVS (I&S). These safe working distances do not provide guidelines on the track tamping activity, however based on the proposed equipment it is anticipated that vibration generated from track tamping will have a low to moderate risk of exceeding the human comfort criteria and a low risk of exceeding the cosmetic damage criteria. Based on this, attended vibration measurements are required at the commencement of track tamper activities (SCN04 and SCN05) to confirm that vibration levels satisfy the criteria outlined in **Section 5.3**. Where there is potential for exceedances of the criteria further vibration site law investigations would be undertaken to determine the site-specific safe working distances for the vibration generating activity. Continuous vibration monitoring (attended or unattended with audible and visible alarms) will be conducted at the nearest sensitive receptors whenever those vibration generating activities need to take place inside the calculated safe-working distances.

The CNVIS assessed potential vibration impacts associated with the hydraulic hammering activities against the safe working distances identified in the TfNSW CNVS (I&S). The hydraulic hammering works are not required within applicable safe work distances for cosmetic damage (7 m), therefore impacts to buildings are not anticipated, refer **Table 7.2** and **Figure 7.1** below. Hydraulic hammering activities will be required within the safe working distances for human comfort (23 m). This identifies that best-practice construction vibration management and control techniques will be required to reduce vibration levels as far as practicable. For example, vibration intensive activities may start at a position far away from a receptor and move closer as compliant levels are verified through monitoring. To minimise impacts additional mitigation and management measures will also be warranted. These will need to be implemented in conjunction with community and stakeholder consultation and notification processes outlined in the AMMM for Ground-borne Vibration in **Section 8.2** of this CNVMP.

It is also a requirement under **CoA – E41** and **E42** that LOR must identify and consult with all receptors likely to experience a perceptible level of vibration. These receptors must be offered additional mitigation in accordance with AMMM in **Section 8.2.** These human annoyance outcomes are typical of construction and hydraulic hammering works in close proximity to other buildings and highlights the need to monitor and establish compliant levels during the early stages of vibration significant activities.

The vibration monitoring and compliance assessment focus will initially be for excavators with hydraulic hammers (SCN10, SCN11 and SCN12) and the track tamper (SCN04 and SCN05). Additional monitoring of other work phases and activities will be considered on a case by case basis (i.e. if vibration generating activities are required).

During the works, impacts from vibration will be considered both in terms of the effects on building occupants (human comfort) and the effects on the building structures (structural/cosmetic damage). The applicable criteria (outlined in **Section 5.3**) will be evaluated, selected and applied based on the receptor type and potential impacts:

- **Human comfort criteria** will be assessed on a case by case basis, where necessary (i.e. if impacts have the potential to occur) and where appropriate to the vibration type being generated by the activity under assessment. The vibration type (impulsive, continuous or intermittent) and application of the relevant criteria will be evaluated and selected by a suitably experienced person or in consultation with a qualified technical specialist.
- **Cosmetic/Structural damage criteria** will be assessed on a case by case basis, where necessary (i.e. if impacts have the potential to occur) and where appropriate to the structure under assessment. The structure type and application of the relevant criteria will be evaluated and selected by a suitably experienced person or in consultation with a qualified technical specialist.

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Nelson St Bridge
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R.226
R.224
DRAKESTREET
R.227
R.228
R.229
R.230
R.231
Legend
Potentially Sensitive Receptor
Lots
Roads
Rail Line
7m Buffer - Hydraulic Hammer
23m Buffer - Hydraulic Hammer
Ancillary Facility
Laydown Area
Site Works Boundary
Work Areas
Source:
- (c) Department Finance, Services and Innovation, DCDB, DTDB 2017
- Nearmap Imagery May 2018
Ground-Borne Vibration Safe Working Distances
F-7.1
Drawing No: 0424696m_CNVMP_G011_R0.mxd
Date: 18/06/2018
Drawing Size: A4
Drawn By: LT
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Northern Corridor Works
CNVIS / CNVMP
Client: Laing O'Rourke Australia Construction Pty
This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.
ERM

Table 7.2 Vibration Assessment Scenarios

Scenario ID	Work Phase Description	Vibration Generating Equipment / Plant Utilised	Applicable Safe work distance (Cosmetic)	Applicable Safe work distance (Human Comfort)	Vibration Assessment (nearest) distance (m)	Vibration Assessment (furthest) distance (m)	Works Required within applicable Safe work distances (Cosmetic)	Works Required within applicable Safe work distances (Human Comfort)	Potential OOHW Required?
SCN10	Nelson St Bridge Demolition	Excavator (with Medium Hydraulic Hammer)	7 m	23 m	10	25	N	Y	Y
SCN11	Mowbray Rd Bridge - Demolition of Break Wall-	Excavator (with Medium Hydraulic Hammer)	7 m	23 m	15	30	N	Y	Y
SCN12	Mowbray Rd Bridge - Construction of base slab and deflection wall	Excavator (with Medium Hydraulic Hammer)	7 m	23 m	15	30	N	Y	Y

1. *Partial means that the equipment will operate within some of the applicable range of safe work distances for the works*
2. *Potential OOHW may occur during Period 1 (day non-standard), however piling is not envisaged to occur during Period 2 (night time).*

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8. Mitigation and Management Measures

This section describes the overall approach to managing and mitigating noise and vibration impacts as a result of the NCW project based on the predicted impacts as summarised this CNVMP. It should be noted that all modelling inputs have also considered and applied the standard mitigation measures prior to modelling; this is reflected in the Lw adopted for each item of equipment. Furthermore, the 3D noise model has incorporated the shielding provided by topography and the existing rail noise barrier situated to the north of Nelson Street on both the up and down side of the rail alignment.

The management measures discussed in this section are based on the applicable compliance matrices for the relevant project approval as presented in **Section 0** of this CNVMP, as well as the requirements of the ICNG and standards of LOR, including application of the SM CNVS as relevant to the works. These measures have been informed further by the outcomes and recommendations of the CNVIS.

The SM CNVS was developed to address the assessment requirements documented in the ICNG. It also identifies the thresholds by which impacts can be qualified and the level of mitigation and management that is required for each stage of works.

The mitigation and management measures are consistent with the intent and recommendations of the ICNG for own best-practice techniques to be developed for managing construction noise and vibration, and implementing feasible and reasonable mitigation measures.

The SM CNVS assessment and mitigation approach has been adopted, in conjunction with the requirements of the ICNG, for the measured described in this CNVMP.

In accordance with the SM CNVS, where noise levels have been predicted above the noise management levels, the AMMM identified in **Section 8.2** is to be implemented. This will involve various methods of community consultation which are outlined in **Table 8.3**. All community consultation will be in accordance with Sydney Metro Stakeholder and Community Strategies. Consultation with businesses will be in accordance with the Sydney Metro Business Management Plan (BMP) and the small business owners support program.

The NCW contractor in accordance with **CoA - E39** consults with other proponents of construction activities located in and around the NCW Portion 7 project site. Specifically this includes the Tunnels and Station Excavation Works (TSE) contractor, Northwest Rapid Transport contractor, Sydney Trains and any other contractors that will undertake works within the NCW project area. An assessment of work activities and the expected noise impact is made based on activity type. Where possible the work methodology is alerted to mitigate the cumulative impact of works located within the same area. For example, this may include locating works in another location of the project until other contractor works has completed, or commencing works at a time when the other contractor works has finished.

The NCW contractor attends ongoing construction interface meetings with other contractors to understand the scope and extent of impacts and works with Sydney Metro and the AA to modify works based on noise assessment results of the NCW contractor and other contractors if known. The approach allows each contractor to provide the required respite periods identified in accordance with **CoA - E40** and minimise impacts to sensitive receivers through the application of additional mitigation in accordance with the Sydney Metro City and South West Noise and Vibration Strategy referenced in **CoA - E32**.

In accordance with **CoA – E33**, community consultation has commenced with the intention of identifying specific mitigation measures. Further detail of this consultation is outlined in in **Section 1.4** of this CNVMP and Section 6.1 of the CNVIS.

Consultation with sensitive receptors will be undertaken as the project progresses where sensitive periods can be refined based on the type of activities, expected impacts and the particular circumstances of the receptor at that time. All consultation will be undertaken prior to the start of the relevant portion of works predicted to affect those receptors. Mitigation measures can then be tailored based on the consultation feedback. The updated information will be made available to the AA and ER four weeks prior to commencement of that scenario. Mitigation Consultation will be undertaken at receptors to which it applies prior to the activity commencing which has triggered it.

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The following mitigation and management measures identified in the CNVIS will be implemented to minimise impacts as far as is feasible and reasonable:

- Extended periods of high noise level generating plant, equipment or machinery (excavators, hand tools, grinders etc.) will be avoided.
- Any site buildings, equipment or other useful obstacles/objects will be positioned to act as a temporary barrier to minimise noise emissions towards the residential receptors situated in the first row of buildings surrounding the NCW project (NCA01). Other barriers such as hoardings or temporary enclosures will also be used.
- A temporary acoustic barrier/material will be fitted to the site access gates. The gate will then need to remain closed as far as practical during works, with particular focus on the night time.
- Works will utilise the existing rail corridor noise barriers, particularly those near the Hopetoun Ave entrance. For example, equipment/plant will be positioned on the rail corridor level behind the barrier (at Hopetoun Ave) rather than on the ramp.
- The site will be orientated to minimise the need for reversing of equipment or vehicles, particularly during any out-of-hours work. Furthermore, in accordance with **REMM NV1**, Non-tonal reversing alarms will be fitted to all permanent mobile plant. Occupational health and safety requirements for use of warning systems must be followed.
- The site will be proactively managed to avoid plant, equipment or machinery being unnecessarily clustered together near receptors.
- All mechanical plant and equipment will be selected to provide quieter and less vibration emitting construction methods where feasible and reasonable.
- All mechanical plant and equipment is to be silenced by the best practical means using current technology. Mechanical plant, including noise-suppression devices, will be maintained to the manufacturer's specifications. In accordance with **REMM NV1**, residential grade mufflers will be fitted to all mobile plant.
- All plant, equipment or machinery (and heavy vehicles, trucks etc.) will be turned off when not being used.
- To manage the impacts of construction road traffic noise on local roads the following best practice mitigation and management measures will be implemented: keep truck drivers informed of the designated vehicle routes, parking locations, acceptable delivery hours; instruct truck drivers to travel through local roads without stopping unless absolutely necessary. If for whatever reason, truck drivers need to stop on local roads they will position the vehicle away from residential houses and limit extended periods of engine idling; and instruct truck drivers to limit engine revving and use of exhaust brakes when travelling to and from site, especially whilst travelling on local roads.
- In accordance with **CoA – E34** noise generating works in the vicinity of potentially-affected, religious, educational, community institutions and noise and vibration-sensitive businesses and critical working areas (such as theatres, laboratories and operating theatres) must not be timetabled within sensitive periods, unless other reasonable arrangements to the affected institutions are made at no cost to the affected institution or as otherwise approved by the Secretary.
- Attended noise monitoring will be conducted across all shifts during track possession work, including the night time period where sleep disturbance impacts will be monitored.
- Attended vibration measurements will be required at the commencement of hydraulic hammering and track tamper activities (SCN04 and SCN05) to confirm that vibration levels satisfy the criteria outlined in **Section 5.3**. Where there is potential for exceedances of the criteria further vibration site law investigations will be undertaken to determine the site-specific safe working distances for the vibration generating activity.
- Continuous vibration monitoring (attended or unattended with audible and visible alarms) will be conducted at the nearest sensitive receptors whenever vibration generating activities need to take place inside the relevant safe-working distances for that activity.

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8.1 Standard Mitigation Measures

The standard mitigation (and management) measures that will be adopted during the NCW project (in accordance with the SM CNVS) are described in **Table 8.1** and will be implemented for the works to manage and potentially reduce construction noise and vibration impacts. For each item the NCW personnel responsible is nominated. For each item a unique identification number (ID) is provided, which correlates to the document references shown in the traceability matrix.

Sydney Metro has also developed principles for managing construction noise and vibration. These principles will apply to the NCW project and are listed below:

- All personnel and community will be informed of the effort and methods undertaken to reduce noise and vibration for the works undertaken.
- Good engagement with the community will be maintained to facilitate effective project delivery with balanced community impacts.
- Construction noise and vibration levels at sensitive receivers will be minimised where feasible and reasonable.
- Feasible and reasonable mitigation will reflect the time of day, and the degree and duration of the impact.
- The community will be informed of the dates for the intended works, sequencing and timing of noisy events. Where possible this will include an indicative schedule over a 24 hour period.
- Minimising construction noise and vibration will be viewed as a continuous improvement exercise that is inclusive of stakeholders where no idea is too small to be considered.
- Any operational noise and vibration improvements resulting from the works will be promoted to the community.

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Table 8.1 Standard Noise and Vibration Mitigation (and Management) Measures

ID	Measure	Action Required	Applies To	Details	Responsible	Applicable to NCW Phase or Activity	Estimated Noise Benefit
CNV1	Management	Implement community consultation measures	Noise and Vibration	The project must consult with all receptors identified in non-residential zones in accordance with **CoA – E41** likely to experience internal noise levels of Leq, 15 minute 60 dBA between 8pm and 9pm or Leq, 15 minute 45 dBA between 9pm and 7am with the objective of offering additional mitigation. The project must consult with all receptors identified in non-residential zones in accordance with **CoA – E42** likely to experience internal noise levels of Leq, 15 minute 45 dBA between 9pm and 7am with the objective of offering additional mitigation. In accordance with **CoA – E29** owners of properties at risk of exceeding the screening criteria for cosmetic damage must be notified before construction that generates vibration commences in the vicinity of those properties. In accordance with **CoA - E39** LOR must consult with proponents of other construction works in the vicinity of the CSSI and take reasonable steps to coordinate works to minimise cumulative impacts of noise and vibration and maximise respite for affected sensitive receptors (e.g. scheduling works so that predicted high impact works from both sites are not occurring at the same time or during respite periods). Consultation is also a requirement under **CoA - E45** where variations to standard construction hours occur. A register of all noise and vibration sensitive receptors will be kept on site. This register will include the address, category, contact name and phone number for each receptor.	Community Place Manager	All Scenarios. The predicted highest impacts are associated with the Nelson St and Mowbray Rd Bridge Works i.e. SCN09, SCN10, SCN11 and SCN12.	Ensures stakeholders know what to expect and keeps stakeholders informed of the likely impact. Community my identify solution to assist in managing impacts.

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ID	Measure	Action Required	Applies To	Details	Responsible	Applicable to NCW Phase or Activity	Estimated Noise Benefit
CNV2	Management	Site Inductions	Noise and Vibration	In accordance with **CoA – C2 (k)**, a site specific induction will be provided to all site personnel, contractors and sub-contractors with an emphasis on understanding and managing noise impacts form the work activities being undertaken. This will include the location of receptors, specific mitigation measures, site hours of operation, noise complaints procedure, etc. as well as the consequences of not complying with these mitigation measures. The following behavioural practices will also be enforced: - No swearing or unnecessary shouting or loud stereos/radios; on site. - No dropping of materials from height; throwing of metal items; and slamming of doors. - No excessive revving of plant and vehicle engines. - Controlled release of compressed air. In accordance with **CoA – E43**, noise generated by construction must not exceed the National Standard for exposure to noise in the occupational environment of an eight-hour equivalent continuous A-weighted sound pressure level of Leq, 8h of 85dBA for any employee working at a location near the Project. Refer to **Section 9** of this plan for further detail.	Environment Manager	All Scenarios	Keeps construction workforce informed of actions required to minimise noise and vibration impact.
CNV3	Management	Behavioural Practices	Noise and Vibration		Environment Manager	All Scenarios	0-20dB reduction Reduce annoyance + sleep disturbance.

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ID	Measure	Action Required	Applies To	Details	Responsible	Applicable to NCW Phase or Activity	Estimated Noise Benefit
CNV4	Management	Noise Monitoring	Noise	Refer to **Section 8** of this plan for further detail. Operator attended noise monitoring and vibration monitoring will be undertaken during in the early phases of work to verify predicted noise levels and confirm that vibration levels satisfy the criteria. This will determine the appropriate mitigation and management measures required for remaining works. If vibration levels are predicted to exceed screening criteria, a more detailed assessment of the structure and attended vibration monitoring will be carried out to ensure vibration levels remain below appropriate limits for that structure, in accordance with **REMM NV3**. In accordance with **CoA – E41 and 42**, the ICNG penalties identified for 'particularly annoying' activities (that require the addition of 5dBA to the predicted level before comparing to the construction NML) will be applied. In accordance with **CoA – E30** LOR must conduct vibration testing before and during vibration generating activities that have the potential to impact on heritage items to identify minimum working distances to prevent cosmetic damage.	Environment Manager	The focus will be for all scenarios in the early stages of work to verify predicted noise levels and confirm that noise levels satisfy the criteria Attended monitoring will be conducted across all shifts during track possession work, including the night time period where sleep disturbance impacts will be monitored.	Limits risk of annoyance to receivers. Provides real-time information regarding noise levels and allows for immediate action to be undertaken.
CNV5	Management	Vibration Monitoring	Vibration		Environment Manager	The focus will be SCN04, SCN05, SCN11 and SCN12. Additional monitoring for other scenarios will be considered on a case by case basis (e.g. where vibration generating equipment is required) No heritage items have been identified to have potential impact from NCW.	Reduces vibration impact + risk of building damage.

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CNV6	Source Control	Construction Hours and Scheduling	Noise and Vibration	Where feasible and reasonable, construction will be carried out during the standard daytime working hours. The approved **CoA – E36** and **EPL - 12208** standard construction hours are as follows: All general construction works and activity will be scheduled to occur between these hours, unless OOHW becomes necessary: • 7:00am to 6:00pm Mondays to Fridays, inclusive; • 8:00am to 1:00pm Saturdays; and • at no time on Sundays or public holidays. High noise generating activities will be scheduled for less sensitive period considering the nearby receptors as per **REMM NV1** Modifying demolition works sequencing / hours to minimise impacts during peak pedestrian times and / or adjoining neighbour outdoor activity periods as per **REMM NV7.** Sequencing works to shield noise sensitive receptors by retaining building wall elements as per **REMM NV7.** In accordance with **CoA - E46** rock breaking and other particularly annoying activities are not permitted outside of standard construction hours, unless the noise management level derived from the ICNG can be achieved at sensitive receptors. Refer **Section 6** of this plan for further detail.	Environment Manager Site Supervisor	All Scenarios (The **Appendix B** OOHW Protocol will also be applied for any work outside the approved hours)	Minimise high noise impact and reduce risk of annoyance.

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ID	Measure	Action Required	Applies To	Details	Responsible	Applicable to NCW Phase or Activity	Estimated Noise Benefit
CNV7	Source Control	Construction Respite Period	Noise and Vibration	Provide respite periods for noise intensive works in accordance with **REMM NV7**. High noise and vibration generating activities may only be carried out in continuous blocks, not exceeding 3 hours each, with a minimum respite period of one hour between each block. In accordance with **CoA – E39 and E40** LOR will take reasonable steps to coordinate works to minimise cumulative impacts of noise and vibration and maximise respite for affected sensitive receptor (e.g. consulting with proponents of nearby construction sites and scheduling works so that predicted high impact works from both sites are not occurring at the same time or during respite periods). Refer **Section 6** of this plan for further detail.	Environment Manager Site Supervisor	The focus will initially be for SCN09, SCN10, SCN11 and SCN12. Additional respite for other scenarios will be considered on a case by case basis (i.e. where monitoring verifies high noise/vibration impacts)	Minimise noise and vibration impact and reduce risk of annoyance.
CNV8	Source Control	Maximum Noise Levels	Noise	The noise levels of plant and equipment will be selected to have operating Sound Power Levels compliant with the values presented in **Table 7.2** of this CNVMP. Table 11 and 12 of the SM CNVS (or AS2436) will be utilised where necessary e.g. new equipment are introduced to the works.	Environment Manager	All Scenarios	Varies depending on plant sound power level.
CNV9	Source Control	Rental Plant and Equipment	Noise		Environment Manager	All Scenarios	0-20dB reduction depending on selected equipment.

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ID	Measure	Action Required	Applies To	Details	Responsible	Applicable to NCW Phase or Activity	Estimated Noise Benefit
CNV10	Source Control	Plan worksites and activities to minimise noise and vibration.	Noise	Plan traffic flow, parking and loading/unloading areas to minimise reversing movements within the site.	Environment Manager	All scenarios	Reduce noise/ vibration impact + risk of annoyance.
CNV11	Source Control	Non-tonal reversing alarms.	Noise	Non-tonal reversing beepers (or an equivalent mechanism) will be fitted and used on all construction vehicles and mobile plant regularly used on site (and for any out of hours work) where appropriate.	Site Supervisor	All Scenarios	5-10dB reduction + reduce vibration.

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ID	Measure	Action Required	Applies To	Details	Responsible	Applicable to NCW Phase or Activity	Estimated Noise Benefit
CNV12	Source Control	Equipment Selection	Noise	Quieter and less vibration emitting construction methods will be used where feasible and reasonable. The following will occur: • Selection of plant and equipment based on least noise emission levels where reasonable, such as hydraulic concrete shears in lieu of hammers/rock breakers as per **REMM NV7** • Select materials which require lower vibration generating activities to occur e.g. less compaction etc. • Using noise source controls, such as the use of residential class mufflers, to reduce noise from all plant and equipment including excavators and trucks as per **REMM NV1.** • Plant and equipment will be regularly maintained and repaired or replaced if it becomes noisy • Silenced generators and compressors will be used where possible • Quiet plant and processes will be selected wherever feasible, specifically, reversing alarms will be procured or retrofitted that are quieter and display less annoying characteristics. Such alarms will include “smart alarms” and “quacker alarms” will occur where possible.	Environment Manager Site Supervisor	All Scenarios – these measures will be considered on a case by case basis and incorporated into the construction design if feasible and reasonable.	0-20dB reduction/ less vibration impact + risk of annoyance.

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ID	Measure	Action Required	Applies To	Details	Responsible	Applicable to NCW Phase or Activity	Estimated Noise Benefit
CNV13	Source Control	Use and siting of plant.	Noise and Vibration	The Construction Noise and Vibration Strategy will be implemented with the aim of achieving the noise management levels where feasible and reasonable. This will include the following standard mitigation measures where feasible and reasonable: • Provision of hoarding or noise barriers around the site where reasonable and feasible, in particular the sheet piling site, as per **REMM NV7**. • Where feasible, simultaneous operation of noisy plant will be avoided. • The offset distance between noisy plant and adjacent sensitive receptors will be maximised. (e.g. Locating demolition load out areas away from the nearby noise sensitive receptors as per **REMM NV7** • Plant used intermittently to be throttled down or shut down. • Noise-emitting plant to be directed away from sensitive Receptors. • Select and use lower vibrating generating equipment • Adhere to the safe working distances identified in Section 8.1.2 where reasonable and feasible • Residential grade mufflers will be fitted to all mobile plant in accordance with **REMM NV1.** • Dampened rock hammers will be used • Non-tonal reversing alarms will be fitted to all permanent mobile plant • The layout of construction sites will consider opportunities to shield receptors from noise.	Environment Manager Site Supervisor	All Scenarios	Reduce noise/ vibration impact + risk of annoyance.

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ID	Measure	Action Required	Applies To	Details	Responsible	Applicable to NCW Phase or Activity	Estimated Noise Benefit
CNV14	Source Control	Minimise disturbance arising from delivery of goods to construction sites.	Noise	Construction vehicles will be operated so as to minimise any construction noise impacts from the construction site. To achieve this the following will occur: • Select site access points and roads as far as possible away from noise sensitive receptors. • Loading and unloading of materials/deliveries will occur as far as possible from receptors. • Dedicated loading/unloading areas to be shielded if close to receptors. • Delivery vehicles will be fitted with straps rather than chains for unloading, wherever reasonable and feasible. • Delivery personnel and truck drivers to be made aware of approved haulage routes and access in and out of the construction site. • Prevention of vehicles and plant queuing and idling outside the site prior to the morning start time. • Pre-determined delivery times will be issued to suppliers and radio communication will be used to confirm status of the delivery. • Any unsatisfactory noise performance for specific vehicles and/or the operators will be dealt with on a case by case basis. • In accordance with **REMM NV2**, unless compliance with the relevant traffic noise criteria can be achieved, night time heavy vehicle movements will be restricted to the Pacific Hwy and Mowbray Rd.	Environment Manager Site Supervisor	All Scenarios	Reduce noise/vibration impact + risk of annoyance. Reduce annoyance + sleep disturbance.

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ID	Measure	Action Required	Applies To	Details	Responsible	Applicable to NCW Phase or Activity	Estimated Noise Benefit
CNV15	Emission Path (source to receptor)	Shield stationary noise sources such as Cranes and Concrete Pumps etc.	Noise	This may include a site boundary fence optimised to reduce construction noise, and other feasible and reasonable measures to minimise ground borne noise where exceedances are predicted, as per **REMM NV4.** Where item specific shielding becomes necessary, stationary noise sources will be enclosed or shielded whilst ensuring that the occupational health and safety of workers is maintained. Guidance for noise reducing shielding/barriers will be taken from AS2436 or other relevant standards where necessary.	Environment Manager	All Scenarios – this measure will be considered on a case by case basis and incorporated into the construction design if feasible and reasonable.	5-10dB reduction.

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ID	Measure	Action Required	Applies To	Details	Responsible	Applicable to NCW Phase or Activity	Estimated Noise Benefit
CNV16	Emission Path (source to receptor)	Shield sensitive receptors from noisy activities.	Noise	This may include a site boundary fence optimised to reduce construction noise, and other feasible and reasonable measures to minimise ground borne noise where exceedances are predicted, as per **REMM NV4.** Where shielding becomes necessary, structures will be used to shield residential receptors from noise. This may include site shed placement; fencing; when situating plant. Minimise structural-borne noise to adjacent buildings during demolition as per **REMM NV7** Guidance for noise reducing shielding/barriers will be taken from AS2436 or other relevant standards where necessary.	Environment Manager	All Scenarios – this measure will be considered on a case by case basis and incorporated into the construction design if feasible and reasonable.	5-10dB reduction.
CNV17	Emission Path (source to receptor)	Safe Working Distances	Vibration	Refer **Section 8.1.2**	Environmental Manager	The focus will be SCN04, SCN05, SCN11 and SCN12. Additional management for other scenarios will be considered on a case by case basis (i.e. where vibration generating equipment is required)	Limits building damage and risk of annoyance to receivers.

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8.1.1 Construction Observed to Exceed Management Levels

Where construction is observed to exceed management levels for air-borne noise, ground-borne noise or vibration, the following will occur:

- Alternate work methodologies and plant will be investigated and considered to lower noise levels of construction works at the relevant receptors.
- Excessively noisy or vibration generating activities will cease or be reduced under direction of the Environment Manager or Site Supervisor. Remedial measures will be implemented prior to recommencing work, and monitoring undertaken to verify noise or vibration levels if necessary.
- Plant and machinery will be checked and verified for noise levels and appropriate exhaust/fittings/noise attenuators.
- In the event of appreciable vibration levels arising, measures will be put in place to reduce vibration to within acceptable levels. Such measures may include reducing equipment size, changing operational settings, using other plant in lieu of that which is generating the vibration or a combination of these.
- Where vibration levels are observed to exceed (or are predicted to exceed) the structural screening criteria, a more detailed assessment of the structure will be undertaken and attended vibration monitoring will continue to ensure vibration levels remain below appropriate limits for that structure.

These actions are the responsibility of the Environment Manager and Site Supervisor and will be documented with the monthly environmental reporting refer Section 10.1 and Construction Noise and Vibration Monitoring Program.

8.1.2 Ground Vibration – Safe Working Distances

In accordance with the SM CNVS, attended vibration measurements are required at the commencement of vibration generating activities to confirm that vibration levels satisfy the criteria for that vibration generating activity. Where there is potential for exceedances of the criteria further vibration site law investigations will be undertaken to determine the site-specific safe working distances for that vibration generating activity. Continuous vibration monitoring with audible and visible alarms will be conducted at the nearest sensitive receptors whenever vibration generating activities need to take place inside the calculated safe-working distances.

The TfNSW I&S CNVS defines safe working distances for vibration intensive activities. As was adopted for the CNVIS and reproduced in **Table 8.2.** These safe work distances will be adopted during the NCW project as a guideline to determine further mitigation. The safe working distances are defined for both cosmetic damage (BS 7385) and human comfort (the NSW Vibration Guideline).

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Table 8.2 Safe Working Distances

Plant Item	Rating/Description	Safe Working Distance – metres (m)	
		Cosmetic Damage (BS 7385)	Human Comfort (the NSW Vibration Guideline)
Vibratory Roller	1-2 tonnes	5 m	15 m to 20 m
	2-4 tonnes	6 m	20 m
	4-6 tonnes	12 m	40 m
	7-13 tonnes	15 m	100 m
	13-18 tonnes	20 m	100 m
	18 tonnes	25 m	100 m
Small Hydraulic Hammer	300 kg (5 to 12t excavator)	2 m	7 m
Medium Hydraulic Hammer	900 kg (12 to 18t excavator)	7 m	23 m
Large Hydraulic Hammer	1600 kg (18 to 34t excavator)	22 m	73 m
Pile Driver - Vibratory	Sheet piles	2 m to 20 m	20 m
Piling Rig – Bored	≤ 800 mm	2 m (nominal)	n/a
Piling Rig – Hammer	12t down force	15 m	50 m
Jackhammer	Hand held	1 m (nominal)	Avoid contact with structure

Source: TfNSW I&S CNVS, 2018

These safe working distances are indicative only and will vary depending on the particular item of plant and local geotechnical conditions. They apply to cosmetic damage of typical buildings under typical geotechnical conditions.

For significant equipment not listed above or for any highly sensitive receptors identified during works, specific assessment may be undertaken during works to ensure satisfactory operation of the equipment and to determine if any other mitigation or management measures are required to minimise the potential impacts.

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In relation to human comfort, the safe working distances above relate to continuous vibration. For most construction activities, vibration emissions are intermittent in nature and for this reason, higher vibration levels, occurring over shorter periods may be allowed. A targeted assessment may be undertaken during works to evaluate any decrease in human comfort safe work distance offsets and to determine if any other mitigation or management measures are required to minimise the potential impacts.

The TfNSW CNVS (I&S) safe work distances were derived from BS7385 as relevant to cosmetic damage to buildings. BS7385 is a frequency (Hz) dependant criteria (less stringent at higher frequencies) and as such, works and activities may be able to occur at distances closer than those nominated in **Table 8.2** without any cosmetic or structural damage impacts occurring. This is typical of construction and demolition works in close proximity to other buildings and highlights the need to monitor and establish compliant levels during the early stages of vibration significant activities. Refer to **Section 10** for vibration monitoring requirements.

8.1.3 Managing Potential Impacts to Heritage Structures

Details of specific monitoring requirements for heritage structures are described in the stand alone noise and vibration monitoring program **LOR-NCW-Monitoring Program**. The monitoring is designed to prevent damage to any heritage items and includes procedures for identifying minimum working distances.

No heritage items have been identified within close proximity to the NCW project. Impacts to heritage structures are therefore not expected, such that detailed options for any alteration of construction methodology will be evaluated and implemented on a case-by-case basis and if specific circumstances arise that deem it necessary. This management practice will be based on the monitoring procedures described in **Section 10** of this CNVMP.

In accordance with **CoA – E31**, where monitoring of heritage items becomes necessary LOR must seek the advice of a heritage specialist on methods and locations for installing equipment used for vibration, movement and noise monitoring of heritage-listed structures. For heritage items, a detailed assessment would specifically consider the heritage values of the structure in consultation with a heritage specialist to ensure sensitive heritage fabric is adequately monitored and managed

8.2 Additional Mitigation Measures

The CNVIS has concluded that noise and vibration impacts associated with the NCW project are likely to occur. A range of feasible and reasonable mitigation (and management) measures designed to minimise noise and vibration levels at the nearest receptors have been established as documented in **Section 8** of this CNVMP. These standard measures will be implemented during the NCW project in accordance with Section 7 of the SM CNVS, consistent with the intent of the ICNG and to achieve all CoA.

The implementation of the standard mitigation measures and community consultation should significantly reduce the noise and vibration impacts on nearby sensitive receptors. Nevertheless, due to the highly variable nature of activities associated with the NCW project; noise and vibration exceedances could occur.

As this potential exists a number of additional measures to mitigate such exceedances (primarily aimed at pro-active engagement with affected sensitive receptors) will be explored as per the requirements of Section 8 of the SM CNVS and have been included in this CNVMP. The additional mitigation measures to be applied are outlined in **Table 8.3** below.

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Table 8.3 Additional Mitigation Measures

Measure	Description	Abbreviation
Alternative Accommodation	Alternative accommodation options may be provided for residents living in close proximity to construction works that are likely to incur unreasonably high impacts over an extended period of time. Alternative accommodation will be determined on a case-by-case basis.	AA
Monitoring	Where it has been identified that specific construction activities are likely to exceed the relevant noise or vibration goals, noise or vibration monitoring may be conducted at the affected receiver(s) or a nominated representative location (typically the nearest receiver where more than one receiver have been identified). Monitoring can be in the form of either unattended logging or operator attended surveys. The purpose of monitoring is to inform the relevant personnel when the noise or vibration goal has been exceeded so that additional management measures may be implemented.	M
Individual Briefings	Individual briefings are used to inform stakeholders about the impacts of high noise activities and mitigation measures that will be implemented. Communications representatives from the contractor would visit identified stakeholders at least 48 hours ahead of potentially disturbing construction activities. Individual briefings provide affected stakeholders with personalised contact and tailored advice, with the opportunity to comment on the project.	IB
Letter Box Drops	For each Sydney Metro project, a newsletter is produced and distributed to the local community via letterbox drop and the project mailing list. These newsletters provide an overview of current and upcoming works across the project and other topics of interest. The objective is to engage and inform and provide project-specific messages. Advanced warning of potential disruptions (e.g. traffic changes or noisy works) can assist in reducing the impact on the community. Content and newsletter length is determined on a project-by-project basis. Most projects distribute notifications on a monthly basis. Each newsletter is graphically designed within a branded template.	LB
Project-specific Respite Offer	The purpose of a project specific respite offer is to provide residents subjected to lengthy periods of noise or vibration respite from an ongoing impact.	RO
Phone Calls	Phone calls and/or emails detailing relevant information would be made to identified/affected stakeholders within 7 days of proposed work. Phone calls and/or emails provide affected stakeholders with personalised contact and tailored advice, with the opportunity to provide comments on the proposed work and specific needs etc.	PC
Specific Notifications	Specific notifications would be letterbox dropped or hand distributed to identified stakeholders no later than 7 days ahead of construction activities that are likely to exceed the noise objectives. This form of communication is used to support periodic notifications, or to advertise unscheduled works.	SN

Source: SM CNVS

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In circumstances where, after the application of the standard mitigation measures, the construction noise and vibration levels are still predicted to exceed the noise or vibration objectives, the relevant Additional Mitigation Measures Matrix (AMMM) from the SM CNVS are to be used to determine the additional measures to be implemented.

Using the relevant AMMM, the following steps will be carried out to determine the additional mitigation measures that will be implemented prior to the commencement of construction activities:

- Determine the time period when the work is to be undertaken;
- Determine the level of exceedance; and
- Identify the relevant additional mitigation measures from **Table 8.3, Table 8.4, Table 8.5** and **Table 8.6**.

The relevant AMMM for air-borne noise is reproduced in **Table 8.4** and the relevant AMMM for the ground-borne noise and ground-borne vibration are reproduced in **Table 8.5** and **Table 8.6**.

Table 8.4 Additional Mitigation Measures Matrix (AMMM) – (Airborne Construction Noise)

Time Period		Mitigation Measures $L_{Aeq, 15minute}$ Noise Level above Background (RBL) in dBA			
		0 to 10	**11 to 20**	**21 to 30**	**>30**
Standard	Mon-Fri (7am-6pm)	-	-	M, LB	M, LB
	Sat (8am-1pm)				
	Sun/Pub Hol (Nil)				
OOHW Period 1	Mon-Fri (6pm-10pm)	-	LB	M, LB	M, IB, LB, PC, RO, SN
	Sat (7am-8am & 1pm-10pm)				
	Sun/Pub Hol (8am-6pm)				
OOHW Period 2	Mon-Fri (10pm-7am)	LB	M, LB	M, IB, LB, PC, SN	AA, M, IB, LB, PC, RO, SN
	Sat (10pm-8am)				
	Sun/Pub Hol (6pm-7am)				
Source: SM CNVS					

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Table 8.5 Additional Mitigation Measures Matrix (AMMM) – (Ground-borne Construction Noise)

Time Period		Mitigation Measures $L_{Aeq, 15minute}$ Noise Level above NML in dBA		
		0 to 10	**10 to 20**	**>20**
Standard	Mon-Fri (7am-6pm)	LB	LB	M, LB, SN
	Sat (8am-1pm)			
	Sun/Pub Hol (Nil)			
OOHW Period 1	Mon-Fri (6pm-10pm)	LB	M, LB, SN	M, IB, LB, PC, RO, SN
	Sat (7am-8am & 1pm-10pm)			
	Sun/Pub Hol (8am-6pm)			
OOHW Period 2	Mon-Fri (10pm-7am)	M, LB, SN	AA, M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
	Sat (10pm-8am)			
	Sun/Pub Hol (6pm-7am)			
Source: SM CNVS				

Table 8.6 Additional Mitigation Measures Matrix (AMMM) – (Ground-borne Vibration)

Time Period		Mitigation Measures Predicted Vibration Levels Exceed Human Comfort Criteria (BS 6472:1992)
Standard	Mon-Fri (7am-6pm)	M, LB, RO
	Sat (8am-1pm)	
	Sun/Pub Hol (Nil)	
OOHW Period 1	Mon-Fri (6pm-10pm)	M, IB, LB, PC, RO, SN
	Sat (7am-8am & 1pm-10pm)	
	Sun/Pub Hol (8am-6pm)	
OOHW Period 2	Mon-Fri (10pm-7am)	AA, M, IB, LB, PC, RO, SN
	Sat (10pm-8am)	
	Sun/Pub Hol (6pm-7am)	
Source: SM CNVS		

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9. Training

As per the **CoA – C2 (k)**, recommendations of the CNVIS and commitments made in the EIS, training will be undertaken in accordance with the NCW CEMP and any additional measures set out in the NCW sub-plans, including this CNVMP.

In summary, all site personnel, contractors and sub-contractors shall undergo site specific induction training, which will include noise and vibration management training developed with an emphasis on understanding and managing impacts from the work activities being undertaken.

This site specific induction training will include:

- the location of potentially sensitive receptors.
- site hours of operation i.e. the permissible hours of work, including deliveries.
- any limitations on high noise generating activities.
- construction employee parking areas.
- details of the complaints handling procedure.
- details of the environmental incident procedures.
- OOHW Protocol, including review and approvals pathways.
- awareness of performance targets, REMMS and EPL requirements.

The site specific induction will also outline the consequences of not complying with these measures.

Toolbox meetings will also be undertaken as and when required; covering specific environmental issues and will include noise and vibration control measures where required, including but not limited to:

- Ensuring work occurs within approved hours.
- Relevant noise and vibration mitigation measures.
- Locating noisy equipment away from sensitive receptors.
- Ensuring plant and equipment is well maintained and not making excessive noise.
- Emphasis that there should be no swearing, shouting or loud stereos/radios on site.
- Turning off machinery when not in use.
- Designated loading/unloading areas and procedures.

Toolbox training on noise and vibration management requirements and measures will be completed by the Environmental Manager (or nominated delegate) during the NCW project.

Personnel directly involved in implementing noise and vibration control measures on site will be given specific training in the various measures to be implemented. Records of all training will be filed in accordance with LOR project filing system.

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10. Noise and Vibration Monitoring

Monitoring for NCW works will be implemented at the commencement of works and at regular intervals throughout the project (i.e. when new construction activities commence) to quantify the airborne noise, ground-borne noise and vibration levels associated with construction activities. Monitoring will also be required in the event of a complaint being received or during OOHW where the AMMM has identified monitoring.

Where it has been identified that specific construction activities are likely to exceed the relevant noise or vibration goals (as is the case for select project works), noise or vibration monitoring may be conducted at the affected receptor(s) or a nominated representative location (typically the nearest receptor where more than one receptor have been identified). Monitoring can be in the form of either unattended logging or operator attended surveys. The purpose of monitoring is to inform the relevant personnel when the noise or vibration goals are being approached so that changes to the configuration of equipment or practices can be made in an effort to reduce noise levels to meet the noise or vibration goal. Additional management measures may also be required.

A construction noise and vibration monitoring program has been developed as a stand-alone document **LOR-NCW-P7b - Monitoring Program**.

There are no noise or vibration monitoring requirements within the EPL for maintenance and construction activities. The EPL focuses on noise monitoring for operational activities of the rail corridor (e.g. locomotives). Construction noise and vibration monitoring is not required under the EPL12208, however monitoring may be required for out of hours NCW works in accordance with the SM CNVS AMMM.

10.1 General Monitoring Requirements

All construction noise and vibration monitoring will be undertaken in accordance with the construction noise and vibration monitoring guideline which is included in Appendix A of the SM CNVS. This outlines the minimum requirements for contractors undertaking monitoring on the Sydney Metro Project.

In accordance with the CNVIS, attended measurements will be the focus of all noise monitoring however unattended noise (and vibration) monitoring may be undertaken where specific circumstances warrant. The benefit of attended noise monitoring is that the results can be fed back directly to the project team and actions taken without delay. Attended monitoring is also preferred for this project as there are a number of non-project related noise sources within the vicinity of the project (e.g. traffic and rail) that will influence the measured data set. Operator attended measurements will allow a site noise contribution to be determined with the exclusion of extraneous influences. This method of monitoring was proven to be effective during the preliminary works undertaken at the site in 2017, where attended noise monitoring results were fed back directly to the project team and actions were taken on site to manage and mitigate noise impacts.

For vibration it is typical that unattended monitoring is undertaken, however the device may be observed by LOR (or their specialist) during the early stages of certain works to provide feedback of results to the project team, based on which actions can be taken without delay. NCW vibration monitoring will be targeted to the sheet piling activity identified in SCN03. Additional monitoring for other scenarios will be considered on a case by case basis (e.g. where vibration generating equipment is required).

Attended monitoring will be conducted across all shifts during track possession work, including the night time period where sleep disturbance impacts will be monitored. Data from attended monitoring will be made available to the ER, AA, the Department of Planning and the EPA as required (i.e. if requested). All attended measurements will be conducted by appropriately trained personnel in the measurement and assessment of construction noise and vibration (i.e. Environmental Consultants). They will be familiar with the requirements of the relevant standards and procedures.

Unattended noise and/or vibration monitoring devices will be set up for works undertaken for each track possession. They will provide real time web-accessible monitoring with access available to the construction team i.e. LOR, Sydney Metro, AA, ER, DPE and EPA in accordance with **CoA - C11**. The locations of the monitoring devices will be determined in detail closer to implementation of the works which have been identified as requiring unattended noise and/or vibration monitors.

As discussed in the CNVIS monitoring and measurements will be conducted at the potentially most affected receptor(s) from the commencement of construction activities to confirm that the noise and/or vibration levels

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in the adjacent community are consistent with the predictions in the CNVIS. Other potentially affected receptors will also be considered as part of the monitoring regime depending on the phase of works.

Based on the scenarios assessed in the CNVIS (which informed the preparation of this CNVMP) the closest and/or potentially most affected noise sensitive receptor locations situated within the potential area of influence of the site are:

- Receptor R.152 – residential dwelling receptor situated near the rail corridor on Hopetoun Avenue.
- Receptor R.179 - residential dwelling receptor situated near the rail corridor on Nelson Street.
- Receptor R.195 - residential dwelling receptor situated near the rail corridor on Mowbray Road.
- Receptor R.209 -residential dwelling receptor situated near the rail corridor on Raleigh Street.
- Receptor R.232 - residential dwelling receptor situated near the rail corridor on Drake Street.
- Receptor R.242 - residential dwelling receptor situated near the rail corridor on Hawkins Street.

These locations were identified in **Figure 3.4**, **Figure 3.5** and **Appendix E.** Noise monitoring will target these locations once works are occurring. The precise monitoring position will be selected on a case-by-case basis and adjusted where necessary to ensure that these locations remain valid, and if not, that alternate monitoring locations are selected. Consideration of this feature will occur prior to works occurring as part of the normal planning and application processes, and then verified during noise monitoring. The same approach will be adopted for any vibration monitoring that becomes necessary during the P7b works.

All monitoring results will be assessed against the nominated goals outlined in **Section 5**. Noise and vibration reporting requirements are outlined in **Section 10.2** below.

For further details on specific noise and vibration monitoring, refer to the stand alone noise and vibration monitoring program **LOR-NCW-Monitoring Program**. The monitoring program details how LOR and its sub-contractors will monitor noise and vibration impacts during the NCW project.

In accordance with **CoA – C14**, construction must not commence until the Secretary has approved all of the required construction monitoring programs, and all relevant baseline data for the specific construction activity has been collected.

Provisions, Safeguards and Monitoring Contingencies (Concurrent Works)

The purpose of this monitoring contingency is consistent with that of the stand-alone noise monitoring program **LOR-NCW-Monitoring Program**: it will inform the relevant personnel if the noise management levels are being approached (or exceeded) so that the work methodology or equipment being used can be altered, and / or additional management measures may be implemented. This will assist to reduce emissions and avoid/minimise any impacts (or future increase in impact to those addressed by this CNVMP) so that the surrounding community and broader acoustics environment are safeguarded against further nuisance, or temporary reduction in amenity.

As recommended by the CNVIS and addressed as commitments in this CNVMP, noise monitoring will occur as per the requirements and specification presented in **LOR-NCW-Monitoring Program**.

This monitoring will already occur for specific NCW construction activities that are likely to exceed the relevant noise management levels, as per the AMMM requirements, and in the form of either unattended monitoring or operator attended measurements.

All monitoring will enable the site noise level to be established in the absence of any influential source not associated with the NCW project, and comparison to the predicted values (refer **Appendix C**) and criteria presented in **Section 5** of this CNVMP. Monitoring will consider all NCW works occurring at the time “i.e. concurrent works” so that the overall site noise level contribution is established before further evaluation. Should circumstances arise during the works that the potential for increased air-borne noise emissions are identified, or valid complaints are received on this regards; additional noise monitoring will occur. The processes for measuring and evaluating the noise data as presented in **Section 10** and **LOR-NCW-Monitoring Program** will be adhered to.

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10.2 Noise and Vibration Reporting

All noise and vibration monitoring results will be assessed against the nominated goals. Noise and vibration monitoring data, and any other relevant information, will be provided to the AA to assist the AA in producing and submitting a monthly Noise and Vibration Report in conjunction with the ER, to the Secretary and other relevant government agencies, as required under **CoA A27(g)(vi)**.

Additionally, the results of the construction noise and vibration monitoring must be submitted to the Secretary for information, and relevant regulatory agencies for information in the form of a Construction Monitoring Report every six months, in accordance with **CoA – C16.**

In accordance with the MR-minor E, within five business days of each Calendar Quarter Date, a register of ongoing Environmental Compliance Requirements (ECRs) must be submitted to the Environmental Representative for review in accordance with the Contract, which identifies progress and evidence if compliance against each ECR. The register of ECRs must classify each ECR as:

i. Ongoing or Complete, to indicate their progress; and
ii. Compliant or Non-Compliant, to indicate compliance.

The following information relating to noise and vibration monitoring will be provided to the AA by the Contractor as a minimum (where relevant):

- The type of monitoring conducted (for example, at a particular project stage or following complaints) and a brief statement of the measurement method;
- The noise/vibration conditions on the consent / licence, or the relevant noise management objectives;
- Descriptions of the nearest affected residences and other sensitive land uses or, in the case of complaints, description of the complainant location and complaint;
- Description of the instrumentation used;
- The results of monitoring at each monitoring location, including a comparison with the consent conditions or relevant noise management objectives;
- Vibration monitoring results summary together with notes describing any vibration intensive activities (if applicable);
- Summary of measurements exceeding the vibration criteria levels and descriptions of the plant or operations causing these exceedances (if available);
- Details of corrective action applicable to vibration criteria exceedances and confirmation of its successful implementation. Where corrective action has not yet been implemented, it may be shown as pending and the status of its implementation will be carried forward to following reports;
- The location of the construction works in relation to the monitoring position. (sketch plan & sections, photos);
- Details of the various construction equipment in use during the measurement period;
- Details as to the likely dominant noise sources;
- Meteorological conditions (i.e. temperature, humidity, cloud cover, and wind speed and direction);
- A clear statement outlining the project's compliance or non-compliance with the conditions or objectives where the monitored level is higher than the conditions or objectives; and
- The reasons for non-compliance will be stated, strategies for minimising noise identified and stated, and the appropriate actions to implement the mitigation and or management strategies.

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11. Enquiries, Complaints and Incident Management

All complaints handling will be in accordance with the Sydney Metro Construction Complaints Management System. All community consultation will be in accordance with the Sydney Metro Overarching Stakeholder and Community Strategy and the Sydney Metro Community Consultation Strategy – Early Works. Consultation with businesses will be in accordance with the Sydney Metro Business Management Plan (BMP) and the small business owners support program. Various lines of communication will be made available for enquiries and complaints during construction of the Project with suitably qualified or experienced personnel made available to manage and respond, refer **Table 12.1**.

Complaints arising from project works will be treated sensitively and in a manner that recognises the potential for noise and vibration to cause environmental impacts. Special consideration will be given to complaints related to noise and vibration during highly intrusive works (particularly those activities when increased impacts are predicted) in order that any necessary additional mitigation can be implemented in a timely manner.

Incident management and notification will be undertaken in accordance with **CoA – A41-A44**, including notification to the Secretary within 24 hours of any incident. Additional information is provided throughout Section 16.3 of the NCW CEMP.

12. CNVMP Administration

12.1 Roles and Responsibilities

In accordance with **CoA – C2 (j)**, the relevant roles and responsibilities associated with this CNVMP are presented in **Table 12.1**.

Table 12.1 Roles and responsibilities

Roles	Responsibilities
Environment Manager / Site Supervisor	• Oversee the overall implementation of this CNVMP. • Ensure that sufficient resources are allocated for the implementation of this CNVMP. • Consider and advise senior management on compliance obligations. • Ensure that the outcomes of compliance monitoring / incident reporting are systematically evaluated as part of ongoing management of construction activities. • Ensure all appropriate noise and vibration mitigation measures are implemented. • Where standard mitigation measures are deemed insufficient, undertake reasonable steps to manage adverse impacts and implement all additional measures. • Authorise cessation of construction activities on-site if exceedances are identified. • Ensure construction activity records / monitoring records/ incident reports are kept and maintained on-site. • Ensure audits of construction site activity records / monitoring records/ incident reports are undertaken as needed, findings are shared with relevant site personnel and corrective actions are implemented. • Ensure all relevant personnel have and understand the most up-to-date copy of this CNVMP. • Ensure that all requirements of this CNVMP are effectively implemented. • Ensure that any required actions arising from incident investigation processes during compliance construction monitoring are reported to the relevant personnel for further action and ensure that the actions are effectively implemented. • Coordinate the implementation of monitoring requirements and corrective actions.

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	• Ensure that experienced, trained or qualified personnel conduct the noise (or vibration) monitoring. • Ensure all monitoring reporting requirements are met and maintained on site. • Acts as a primary site contact for any valid complaints received via the Community Place Manager. • Authorise all monitoring reports and any revisions to this CNVMP.
Site personnel and subcontractors	• Understand and implement mitigation as required in the CNVMP and any additional required measures identified during construction. • Participate (or conduct if authorised) in relevant training to implement the requirements of this CNVMP.
Noise and Vibration Monitoring Personnel (LOR / consultants)	• Undertake relevant training to implement the requirements of this CNVMP. • Undertake all monitoring activities in accordance with this CNVMP. • Ensure regular maintenance of monitoring equipment. • Ensure all relevant monitoring quality control / assurance procedures are effectively implemented.
Community Place Manager	• Provide key stakeholders and the community with information about construction progress. • Ensure people understand the scope of the works and mitigation measures. • Ensure key stakeholders and the community understand the proposed timing of the works. • Take steps to minimise potential impacts from construction works. • Work closely with the Northern Corridor Works to coordinate consultation activities with the community and other stakeholders. • Be the single point of contact for affected stakeholder and the community and the project team, who will proactively doorknock properties and also respond quickly to any issues or complaints raised. • Be available at all times that any activities are being performed on any construction site to answer any questions, concerns, complaints or enquires in relation to activities. • Produce and distribute all community notifications relating to contractor activities. • Develop, produce and distribute site specific quarterly newsletters to inform the community of the progress and key milestones or activities taking place during the following three months. • Distribute newsletters to all affected commercial and residential properties within a minimum of 500m radius of the construction site. • Record all interactions with stakeholders on Consultation. • Provide an initial response to email/written correspondence (letters/faxes) within 48 hours. • Provide feedback to requests for information from the Sydney Metro Communication and Engagement team Sydney Metro Communication and Engagement team within two hours. • Refer enquiries not associated with contractor activities to Sydney Metro Project Communications team immediately. • Record all interactions with stakeholders on Consultation Manager in accordance with Consultation Manager data entry procedure within 48 hours. • Manage calls to the community information line and redirect to appropriate team members or contractors. • Provide at least an oral response to calls forwarded from the community information line within two hours unless otherwise agreed.

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	• Lead or be involved in any consultation activities arising from community enquiries as notified by the contractor.
Environment Representative	In accordance with **CoA - A24** the ER has the following roles and responsibilities: • receive and respond to communications from the Secretary in relation to the environmental performance of the CSSI. • consider and inform the Secretary on matters specified in the terms of this approval. • consider and recommend any improvements that may be made to work practices to avoid or minimise adverse impact to the environment and to the community. • review all documents required to be prepared under the terms of the CoA, ensure they address any requirements in or under the CoA and if so, endorse them before submission to the Secretary (if required to be submitted to the Secretary) or before implementation (if not required to be submitted to the Secretary). For documents requiring specialist review and/or endorsement the ER is not required to endorse the specialist content. • regularly monitor the implementation of all documents required by the terms of the CoA or implementation in accordance with what is stated in the document and the terms of the CoA. • review the Proponent's notification of incidents in accordance with **CoA - A41.** • as may be requested by the Secretary, help plan, attend or undertake Department audits of the CSSI, briefings, and site visits. • if conflict arises between LOR and the community in relation to the environmental performance of the CSSI, follow the procedure in the Community Communication Strategy approved under **CoA - B3** to attempt to resolve the conflict, and if it cannot be resolved, notify the Secretary. • review any draft consistency assessment that may be carried out by LOR, and provide advice on any additional mitigation measures required to minimise the impact of the work. • consider any minor amendments to be made to the CEMP, CEMP sub-plans and monitoring programs that comprise updating or are of an administrative nature, and are consistent with the terms of the CoA and the CEMP, CEMP sub-plans and monitoring programs approved by the Secretary and, if satisfied such amendment is necessary, approve the amendment. This does not include any modifications to the terms of the CoA. • assess the impacts of minor ancillary facilities as required by **CoA - A18.** • prepare and submit to the Secretary and other relevant regulatory agencies, for information, a monthly Environmental Representative Report detailing the ER's actions and decisions on matters for which the ER was responsible in the preceding month (or other timeframe agreed with the Secretary). The Environmental Representative Report must be submitted within seven (7) days following the end of each month for the duration of works and construction of the CSSI, or as otherwise agreed with the Secretary.
Acoustics Advisor	In accordance with **CoA - A25**, **CoA - A27** and **NV6** the AA has the following roles and responsibilities: • assurance of contractor noise and vibration planning, modelling, management and monitoring practices • verification of compliance with relevant guidelines and approval requirements • audit noise and vibration management practices.

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	• receive and respond to communication from the Secretary in relation to the performance of the CSSI in relation to noise and vibration. • consider and inform the Secretary on matters specified in the terms of this approval relating to noise and vibration. • consider and recommend, to LOR, improvements that may be made to work practices to avoid or minimise adverse noise and vibration impacts. • review all noise and vibration documents required to be prepared under the terms of this approval and, should they be consistent with the CoA, endorse them before submission to the Secretary (if required to be submitted to the Secretary) or before implementation (if not required to be submitted to the Secretary). • regularly monitor the implementation of all noise and vibration documents required to be prepared under the terms of this approval to ensure implementation is in accordance with what is stated in the document and the terms of this approval. • notify the Secretary of noise and vibration incidents in accordance with **CoA - A41**. In conjunction with the ER, the AA must: • consider requests for out of hours construction activities and determine whether to endorse the proposed activities in accordance with **CoA - E47**. • as may be requested by the Secretary or Complaints Commissioner, help plan, attend or undertake audits of noise and vibration management of the CSSI including briefings, and site visits. • if conflict arises between LOR and the community in relation to the noise and vibration performance during construction of the CSSI, follow the procedure in the Community Communication Strategy approved under **CoA - B3** to attempt to resolve the conflict, and if it cannot be resolved, notify the Secretary. • consider relevant minor amendments made to the CEMP, relevant sub-plans and noise and vibration monitoring programs that require updating or are of an administrative nature, and are consistent with the terms of CoA and the management plans and monitoring programs approved by the Secretary and, if satisfied such amendment is necessary, endorse the amendment. This does not include any modifications to the terms of the CoA. • assess the noise impacts of minor ancillary facilities as required by **CoA – A18**. • prepare and submit to the Secretary and other relevant regulatory agencies, for information, a monthly Noise and Vibration Report detailing the AAs actions and decisions on matters for which the AA was responsible in the preceding month (or other timeframe agreed with the Secretary). The Noise and Vibration Report must be submitted within seven (7) days following the end of each month for the duration of construction of the CSSI, or as otherwise agreed with the Secretary.

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12.2 CNVMP Review

The CNVMP (and Monitoring Program) will be reviewed annually or where circumstances arise during the works that require amends to the plan. The type of circumstances that may trigger a CNVMP review could include, but are not limited to, significant changes in construction procedures, management protocols or environmental requirements; trends in validated noise or vibration complaints are identified; and/or an increase in noise and vibration impacts is identified.

Where noise (or vibration) levels are repeatedly identified (e.g. via monitoring) to be above management levels or the predicted values in the CNVIS, a review of this CNVMP (and Monitoring Program) will be undertaken. The following steps will be completed:

- review and identify the cause of any noise (or vibration) exceedances. This will focus on the plant, equipment or machinery in use at the time, or activities undertaken so that any trends can be identified.
- confirm the type and extent of any mitigation or corrective actions implemented during the non-compliant events.
- identify, develop and implement any opportunities for improvement or additional mitigation or management measures that will assist to minimise impacts associated with any trends.
- revise this management plan document, or supplement this plan (e.g. with separate work instructions) to reflect the outcomes of the review.

The revised management plan (or supplementary documentation) will be developed to the satisfaction of the Environmental Manager, Sydney Metro Environmental Representative and the Acoustics Advisor, so that the management strategy and management measures continue to assist to minimise impacts at receptors and to ensure that the plan remains an effective instrument for noise management and mitigation. Any review of the CNVMP will also be undertaken in consultation with relevant government agencies (i.e. Willoughby Council).

The revised management plan (and Monitoring Program) will be developed in consultation with the relevant government agencies, endorsed by the ER and submitted to the Secretary, in accordance with **CoA – C3, C5, C6, C7** and **C8**. Construction must not commence until the CEMP and associated sub-plan revisions have been approved by the Secretary.

The revised CNVMP (and Monitoring Program) will be referred to the Department of Planning and Environment (DPE) only where amendments are made to address significant changes to project works/schedule and impacts on (or complaints from) the community are verified, or at the request of the Environmental Manager, Environmental Representative or the Acoustics Advisor.

The CNVMP (and Monitoring Program) review will reflect these considerations and upon final approval of the revised CNVMP, the document will be circulated to relevant personnel.

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13. References

British Standard (BS 6472–1992) – **Evaluation of Human Exposure to Vibration in Buildings (1 Hz to 80 Hz)** dated 1992.

British Standard BS7385: Part 2-1993 (BS 7385) - **Evaluation and Measurement for Vibration in Buildings — Part 2 – Guide to Damage Levels from Ground-borne Vibration**, dated 1993.

German Institute for Standardisation – DIN 4150 (1999-02) Part 3 (DIN4150:3) – **Structural Vibration - Effects of Vibration on Structures**, dated 1999.

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NSW Department of Environment and Climate Change – **NSW Interim Construction Noise Guideline** (ICNG), July 2009.

NSW Department of Environment and Conservation – **NSW Environmental Noise Management – Assessing Vibration: a Technical Guideline** (the NSW Vibration Guideline), February 2006.

NSW Department of Environment, Climate Change and Water – **NSW Road Noise Policy** (RNP), March 2011.

NSW Environment Protection Authority – **NSW Environmental Noise Management – Industrial Noise Policy** (INP), January 2000 and relevant application notes.

NSW Government – Transport for NSW (TfNSW) - Sydney Metro Construction Noise and Vibration Strategy (SM CNVS), August 2016 and CNVS Addendum June 2017.

NSW Government – Transport for NSW (TfNSW) Infrastructure and Services Division (I&S) - Sydney Metro Construction Noise and Vibration Strategy (I&S CNVS), May 2018.

Standards Australia AS 2436–2010™ (AS2436) – **Guide to Noise and Vibration Control on Construction, Demolition and Maintenance Sites**.

Standards Australia AS1055–1997™ (AS1055) – **Description and Measurement of Environmental Noise**.

Standards Australia AS IEC 61672.1–2004™ (AS61672) – **Electro Acoustics - Sound Level Meters Specifications Monitoring** or Standards Australia AS1259.2-1990™ (AS1259) – **Acoustics – Sound Level Meters – Integrating/Averaging** as appropriate to the device.

Standards Australia AS/IEC 60942:2004/IEC 60942:2003 (IEC60942) – Australian Standard™ – **Electroacoustic – Sound Calibrators**.

TfNSW - Sydney Metro - Chatswood to Sydenham **Business Management Plan – Early Works**, dated November 2017.

TfNSW - Sydney Metro - Chatswood to Sydenham **Community Communications Strategy – Early Works**, dated October 2017.

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TfNSW - Sydney Metro - Chatswood to Sydenham **Construction Environmental Management Framework (CEMF)** – Appendix B of SPIR, dated August 2016.

TfNSW - Sydney Metro - Chatswood to Sydenham **Environmental Impact Statement (EIS)** – **Chapter 10: Construction Noise and Vibration,** dated May 2016.

TfNSW - Sydney Metro - Chatswood to Sydenham **Environmental Impact Statement (EIS)** – **Technical Paper 2 Noise and Vibration**, Prepared by SLR, dated April 2016.

TfNSW - Sydney Metro – Northern Corridor Works **Management Requirement Minor - Environment (MR-minor E)**, dated April 2017.

TfNSW - Sydney Metro - **Chatswood to Sydenham: Staging Report**, dated April 2017.

TfNSW - Sydney Metro - Chatswood to Sydenham **Submissions and Preferred Infrastructure Report (SPIR)**, dated October 2016.

TfNSW - Sydney Metro - Chatswood to Sydenham **Overarching Community Communications Strategy**, dated September 2017.

TfNSW - Sydney Metro - Chatswood to Sydenham **Small Business Owners Support Program**, dated September 2017.

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Appendix A – Acoustics: Glossary of Terms and Definitions

Noise is often defined as a sound, especially one that is loud or unpleasant or that causes disturbance or simply as unwanted sound, but technically, noise is the perception of a series of compressions and rarefactions above and below normal atmospheric pressure.

Vibration refers to the oscillating movement of any object. In a sense noise is the movement of air particles and is essentially vibration, though in regards to an environmental assessment vibration is typically taken to refer to the oscillation of a solid object(s). The impact of noise on objects can lead to vibration of the object, or vibration can be experienced by direct transmission through the ground, this is known as ground-borne vibration.

Essentially, noise can be described as what a person hears, and vibration as what they feel.

What Factors Contribute To Environmental Noise?

The noise from an activity, like construction works, at any location can be affected by a number of factors, the most significant being:

- How loud the activity is;
- How far away the activity is from the receptor;
- What type of ground is between the activity and the receptor location e.g. concrete, grass or water;
- How the ground topography varies between the activity and the receptor (is it flat, hilly, mountainous) as blocking the line of sight to a noise source will generally reduce the level of noise; and
- Any other obstacles that block the line of sight between the sources to receptor e.g. buildings or purpose built noise walls.

How To Measure And Describe Noise?

Noise is measured using a specially designed 'sound level' meter which must meet internationally recognised performance standards. Audible sound pressure levels vary across a range of 107 Pascals (Pa), from the threshold of hearing at 20 µPa to the threshold of pain at 200 Pa. Scientists have defined a statistically described logarithmic scale called Decibels (dB) to more manageably describe noise.

To demonstrate how this scale works, the following points give an indication of how the noise levels and differences are perceived by an average person:

- 0 dB - represents the threshold of human hearing (for a young person with ears in good condition);
- 50 dB – represents average conversation;
- 70 dB – represents average street noise, local traffic etc;
- 90 dB – represents the noise inside an industrial premises or factory; and
- 140 dB - represents the threshold of pain – the point at which permanent hearing damage may occur.

Human Response to Changes in Noise Levels

The following concepts offer qualitative guidance in respect of the average response to changes in noise levels:

- Differences in noise levels of less than approximately 2 dBA are generally imperceptible in practice, an increase of 2 dB is hardly perceivable;
- Differences in noise levels of around 5 dBA are considered to be significant;
- Differences in noise levels of around 10 dBA are generally perceived to be a doubling (or halving) of the perceived loudness of the noise. An increase of 10 dB is perceived as twice as loud. Therefore an increase of 20 dB is four times as loud and an increase of 30 dB is eight times as loud etc;
- The addition of two identical noise levels will increase the dB level by about 3 dB. For example, if one car is idling at 40 dB and then another identical car starts idling next to it, the total dB level will be about 43 dB;

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- The addition of a second noise level of similar character which is at least 8 dB lower than the existing noise level will not add significantly to the overall dB level; and
- A doubling of the distance between a noise source and a receptor results approximately in a 3 dB decrease for a line source (for example, vehicles travelling on a road); and a 6 dB decrease for a point source (for example, the idling car discussed above). A doubling of traffic volume for a line source results approximately in a 3 dB increase in noise, halving the traffic volume for a line source results approximately in a 3 dB decrease in noise.

Terms to Describe the Perception of Noise

The following terms offer quantitative and qualitative guidance in respect of the audibility of a noise source:

- **Inaudible / Not Audible**: the noise source and/or event could not be heard by the operator, masked by extraneous noise sources not associated with the source. If a noise source is 'inaudible' its noise level may be quantified as being less than the measured LA90 background noise level, potentially by 10 dB or greater;
- **Barely Audible**: the noise source and/or event are difficult to define by the operator, typically masked by extraneous noise sources not associated with the source. If a source is 'barely audible' its noise level may be quantified as being 5 - 7 dB below the measured LA90 or LAeq noise level, depending on the nature of the source e.g. constant or intermittent;
- **Just Audible**: the noise source and/or event may be defined by the operator. However there are a number of extraneous noise sources contributing to the measurement. The noise level should be quantified based on instantaneous noise level contributions, noted by the operator;
- **Audible**: the noise source and/or event may be easily defined by the operator. There may be a number of extraneous noise sources contributing to the measurement. The noise level should be quantified based on instantaneous noise level contributions, noted by the operator; and
- **Dominant**: the noise source and/or event are noted by the operator to be significantly 'louder' than all other noise sources. The noise level should be quantified based on instantaneous noise level contributions, noted by the operator.

The following terms offer qualitative guidance in respect of acoustic terms used to describe the frequency of occurrence of a noise source during an operator attended environmental noise measurements:

- **Constant**: this indicates that the operator has noted the noise source(s) and/or event to be constantly audible for the duration of the noise measurement e.g. an air-conditioner that runs constantly during the measurement;
- **Intermittent**: this indicates that the operator has noted the noise source(s) and/or event to be audible, stopping and starting intervals for the duration of the noise measurement e.g. car pass-by's; and
- **Infrequent**: this indicates that the operator has noted the noise source(s) and/or event to be constantly audible, however; not occurring regularly or at intervals for the duration of the noise measurement e.g. a small number of aircraft are noted during the measurement.

How to Calculate or Model Noise Levels?

There are two recognised methods which are commonly adopted to determine the noise at particular location from a proposed activity. The first is to undertake noise measurements whilst the activity is in progress and measure the noise, the second is to calculate the noise based on known noise emission data for the activity in question.

The second option is preferred as the first option is largely impractical in terms of cost and time constraints, notwithstanding the meteorological factors that may also influence its quantification. Furthermore, it is also generally considered unacceptable to create an environmental impact simply to measure it. In addition, the most effective mitigation measures are determined and implemented during the design phase and often cannot be readily applied during or after the implementation phase of a project.

Because a number of factors can affect how 'loud' a noise is at a certain location, the calculations can be very complex. The influence of other ambient sources and the contribution from a particular source in question can be difficult to ascertain. To avoid these issues, and to quantify the direct noise contribution from

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a source/site in question, the noise level is often calculated using noise modelling software packages. The noise emission data used in each noise model of this assessment has been obtained from ERM's database of measured noise emissions.

Acoustics Terminology and Statistical Noise Descriptors

Environmental noise levels such as noise generated by industry, construction and road traffic are commonly expressed in dBA. The A-weighting scale follows the average human hearing response and enables comparison of the intensity of noise with different frequency characteristics. Time varying noise sources are often described in terms of statistical noise descriptors. The following descriptors are commonly used when assessing noise and are referred to throughout this acoustic assessment:

- **Decibel (dB is the adopted abbreviation for the decibel)**: the unit used to describe sound levels and noise exposure. It is equivalent to 10 times the logarithm (to base 10) of the ratio of a given sound pressure to a reference pressure;
- **dBA**: the unit used to measure 'A-weighted' sound pressure levels. A-weighting is an adjustment made to sound-level measurement to approximate the response of the human ear;
- **dBC**: the unit used to measure 'A-weighted' sound pressure levels. C-weighting is an adjustment made to sound-level measurements which takes account of low-frequency components of noise within the audibility range of humans;
- **dBZ** or **dBL**: the unit used to measure 'Z-weighted' sound pressure levels with no weighting applied, linear;
- **Hertz (Hz)**: the measure of frequency of sound wave oscillations per second. 1 oscillation per second equals 1 hertz;
- **Octave**: a division of the frequency range into bands, the upper frequency limit;
- **1/3 Octave**: single octave bands divided into three parts;
- **L_{eq}**: this level represents the equivalent or average noise energy during a measurement period. The $L_{eq, 15minute}$ noise descriptor simply refers to the L_{eq} noise level calculated over a 15 minute period. Indeed, any of the below noise descriptors may be defined in this way, with an accompanying time period (e.g. $L_{10, 15\ minute}$) as required;
- **L_{max}**: the absolute maximum noise level in a noise sample;
- **L_N**: the percentile sound pressure level exceeded for N% of the measurement period calculated by statistical analysis;
- **L_{10}**: the noise level exceeded for 10 per cent of the time and is approximately the average of the maximum noise levels;
- **L_{90}**: the noise level exceeded for 90 per cent of the time and is approximately the average of the minimum noise levels. The L_{90} level is often referred to as the "background" noise level and is commonly used as a basis for determining noise criteria for assessment purposes;
- **Sound Power Level (L_W)**: this is a measure of the total power radiated by a source. The Sound Power of a source is a fundamental property of the source and is independent of the surrounding environment;
- **Sound Pressure Level (L_P)**: the level of sound pressure; as measured at a distance by a standard sound level meter with a microphone. This differs from LW in that this is the received sound as opposed to the sound 'intensity' at the source;
- **Background noise**: the underlying level of noise present in the ambient noise, excluding the noise source under investigation, when extraneous noise is removed. This is described using the LA90 descriptor;
- **Ambient noise**: the all-encompassing noise associated within a given environment. It is the composite of sounds from many sources, both near and far;
- **Cognitive noise**: the noise in which the source is recognised as being annoying;

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- **Masking**: the phenomenon of one sound interfering with the perception of another sound. For example, the interference of traffic noise with use of a public telephone on a busy street.
- **Assessment Background Level (ABL)**: is defined in the INP as a single figure background level representing each assessment period (day, evening and night). Its determination is by the tenth percentile method (of the measured L_{A90} statistical noise levels) described in Appendix B on the INP;
- **Rating Background Level (RBL)**: is defined in the INP as the overall single figure background level representing each assessment period (day, evening and night) over the whole monitoring period (as opposed to over each 24hr period used for the ABL). This is the level used for assessment purposes. It is defined as the median value of:
  - all the day assessment background levels over the monitoring period for the day;
  - all the evening assessment background levels over the monitoring period for the evening; and
  - all the night assessment background levels over the monitoring period for the night.
- **Extraneous noise**: the noise resulting from activities that are not typical of the area. Atypical INP activities may include construction, and traffic generated by holiday periods and by special events such as concerts or sporting events. Normal daily traffic is not considered to be extraneous;
- **Most affected location(s)**: locations that experience (or will experience) the greatest noise impact from the noise source under consideration. In determining these locations, one needs to consider existing background levels, exact noise source location(s), distance from source (or proposed source) to receptor, and any shielding between source and receptor;
- **Feasible and Reasonable measures**: feasibility relates to engineering considerations and what is practical to build; reasonableness relates to the application of judgement in arriving at a decision, taking into account the following factors:
  - noise mitigation benefits (amount of noise reduction provided, number of people protected);
  - cost of mitigation (cost of mitigation versus benefit provided);
  - community views (aesthetic impacts and community wishes); and
  - noise levels for affected land uses (existing and future levels, and changes in noise levels).

How to Measure and Control Vibration

Vibration refers to the oscillating movement of any object. In relation to construction projects, ground-borne vibration is the most likely outcome of works and potentially has three (3) effects on vibration sensitive Receptors, these are:

- ground-borne vibration that may cause annoyance;
- ground-borne vibration that may have adverse effect on a structure e.g. a building; and
- regenerated noise due to ground-borne vibration.

Each of these potential effects can be assessed in accordance with the relevant standard. Perceptible levels of vibration often create concern for the surrounding community at levels well below structural damage guideline values; this issue needs to be managed as part of the vibration monitoring program.

Vibration is typically measured using specific devices that record the velocity or acceleration at a designated receptor location – usually being the closest premises to works. Modern vibration monitoring devices will typically capture amplitude data for the three (3) orthogonal axes being, the transverse, longitudinal and vertical and also the frequency at which the measured vibration event occurs. Monitoring of this level of detail enables analysis of significant vibration events to determine compliance with relevant guidelines.

Vibration propagates in a different manner to noise and can be difficult to control depending on the frequency of the source in question, although identifying the strategy best suited to controlling vibration follows a similar approach to that of noise. This includes elimination, control at the source, control along the propagation path and control at the receptor and/or a combination of these, such as no work/respite periods.

Vibration Descriptors

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The following terms are often used to describe measured vibration levels.

- **Parameter**: an attribute with a value - for example, weighting;
- **Particle Velocity**: the instantaneous value of the distance travelled by a particle per unit time in a medium that is displaced from its equilibrium state by the passage of a sound or vibration wave;
- **Peak Particle Velocity (PPV)**: is the highest (maximum or peak) particle velocity which is recorded during a particular vibration event over the three (3) axes. PPV is measured in the unit, mm/s;
- **Phase**: the relative position of a sound wave to some reference point, the phase of a wave is given in radians, degrees, or fractions of a wavelength;
- **Acceleration**: the change in velocity over time. Acceleration is dependent on the velocity and the frequency of the vibration event (velocity is a vector), as such acceleration changes in two ways - magnitude and/or direction. Acceleration is measured in the unit; m/s2;
- **Perceptible**: vibration levels that a receptor of building occupant may 'feel'. 0.2 mm/s is typically considered to be the human threshold for perception of vibration;
- **Geophone or accelerometer**: the transducer/device typically used to measure vibration;
- **Damage**: is defined in DIN 4150-3 (1999-02) Structural vibration - Effects of vibration on structures to include minor non-structural effects such as cosmetic damage or superficial cracking in paint or cement render, the enlargement of cracks already present, and the separation of partitions or intermediate walls from load bearing walls; and
- Vibration Dose Value (VDV): a concept outlined in the NSW Vibration Guideline which is a calculative approach to assessing the impact of intermittent vibration or extended periods of impulsive vibration. VDV require the measurement of the overall weighted RMS (Root Mean Square) acceleration levels over the frequency range 1Hz to 80Hz.

To calculate VDV the following formula (refer section 2.4.1 of "the guideline") is used:

$$VDV = \left[\int_0^T a^4(t)dt\right]^{0.25}$$

Where VDV is the vibration dose value in m/s1.75, a (t) is the frequency-weighted RMS of acceleration in m/s2 and T is the total period of the day (in seconds) during which vibration may occur.

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Appendix B – Out of Hours Works (OOHW) Protocol

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Integrated Management System

City and Southwest Chatswood to Sydenham Out of Hours Work Protocol

SM ES-PW-317

Sydney Metro Integrated Management System (IMS)

Applicable to:	Sydney Metro City & Southwest
Document Owner:	Adam Koutsamanis
System Owner:	Fil Cerone
Status:	Final
Version:	2.0
Date of issue:	14 July 2017
Review date:	14 July 2018
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Table of Contents

1. Introduction

This protocol outlines the process for preparing, assessing, managing and approving work on the Chatswood to Sydenham portion of the City & Southwest project that is undertaken outside of standard construction hours (i.e. Out of Hours).

1.1. Purpose

This protocol has been developed to comply with Condition E47 Out of Hours Work Protocol of the City & Southwest Chatswood to Sydenham planning approval. This condition (and other conditions that relate to Out of Hours work) is addressed in accordance with Table 1.

Table 1: Chatswood to Sydenham Out of Hours Work Planning Approval Conditions

Condition Number	Condition	Where this condition is addressed
A27(g)i.	The approved AA must in conjunction with the ER… consider requests for out of hours construction activities and determine whether to endorse the proposed activities in accordance with Condition E47.	Section 3.1.2.4 and Figure 1.
E36	Construction, except as allowed by Condition E48 (excluding cut and cover tunnelling), must only be undertaken during the following standard construction hours: (a) 7:00am to 6:00pm Mondays to Fridays, inclusive; (b) 8:00am to 1:00pm Saturdays; and (c) at no time on Sundays or public holidays.	Section 2.
E37	The Proponent must identify all receivers at Crows Nest, Victoria Cross, Barangaroo, Martin Place, Pitt Street and Central likely to experience internal noise levels greater than $L_{eq(15\ minute)}$ 60 dB(A) inclusive of a 5 dB penalty, if rock breaking or any other annoying activity likely to result in regenerated (ground-borne) noise or a perceptible level of vibration is planned (including works associated with utility adjustments), between 7am – 8pm.	Construction Noise and Vibration Impact Statements.
E38	The Proponent must consult with all receivers identified in accordance with Condition E37 with the objective of determining appropriate hours of respite so that construction noise (including ground-borne noise), does not exceed internal noise levels of: (a) $L_{eq(15\ minute)}$ 60 dB(A) inclusive of a 5 dB penalty if rock breaking or any other annoying activity likely to result in ground-borne noise or a perceptible level of vibration is planned between 7am – 8pm for more than 50 percent of the time; and (b) $L_{eq(15\ minute)}$ 55 dB(A) inclusive of a 5 dB penalty if rock breaking or any other annoying activity likely to result in ground-borne noise or a perceptible level of vibration is planned between 7am – 8pm for more than 25 percent of the time, unless an agreement is reached with those receivers. This condition does not apply to noise associated with the cutting surface of a TBM [Tunnel Boring Machine] as it passes under receivers. *Note this condition requires that noise levels be less than $L_{eq(15\ minute)}$ 60 dB(A) for at least 6.5 hours between 7am and 8pm, of which at least 3.25 hours must be below $L_{aeq(15\ minute)}$ 55 dB(A). Noise equal to or above $L_{eq(15\ minutes)}$ 60 dB(A) is allowed for the remaining 6.5 hours between 7am and 8pm.*	Construction Noise and Vibration Management Plans and each OOH application as relevant (supported by a Construction Noise and Vibration Impact Statement or other type of quantitative impact assessment).

Condition Number	Condition	Where this condition is addressed
E41	The Proponent must ensure that residential receivers, located in non-residential zones, likely to experience an internal noise level exceeding $L_{eq(15\ minute)}$ 60 dB between 8pm and 9pm or $L_{eq(15\ minute)}$ 45 dB between 9pm and 7am (inclusive of a 5 dB penalty if rock breaking or any other annoying activity likely to result in regenerated noise, or a perceptible level of vibration is planned (including works associated with utility adjustments)) must be offered additional mitigation in accordance with the *Sydney Metro City and South West Noise and Vibration Strategy* referenced in Condition E32.	Construction Noise and Vibration Management Plans and each OOH application as relevant (supported by a Construction Noise and Vibration Impact Statement or other type of quantitative impact assessment).
E42	The Proponent must ensure that residential receivers in residential zones likely to experience an internal noise level of $L_{eq(15\ minute)}$ 45 dB or greater between 8pm and 7am (inclusive of a 5 dB penalty if rock breaking or any other annoying activity likely to result in ground-borne noise, or a perceptible level of vibration is planned (including works associated with utility adjustments)) must be offered additional mitigation in accordance with the *Sydney Metro City and South West Noise and Vibration Strategy* referenced in Condition E32.	Construction Noise and Vibration Management Plans and each OOH application as relevant (supported by a Construction Noise and Vibration Impact Statement or other type of quantitative impact assessment).

Condition Number	Condition	Where this condition is addressed
E44	Notwithstanding Condition E36 construction associated with the CSSI [Critical State Significant Infrastructure] may be undertaken outside the hours specified under those conditions in the following circumstances: (a) for the delivery of materials required by the NSW Police Force or other authority for safety reasons; or (b) where it is required in an emergency to avoid injury or the loss of life, to avoid damage or loss of property or to prevent environmental harm; or (c) where different construction hours are permitted or required under an EPL in force in respect of the construction; or (d) construction that causes $L_{Aeq(15\ minute)}$ noise levels: i. no more than 5 dB(A) above the rating background level at any residence in accordance with the *Interim Construction Noise Guideline* (DECC, 2009), and ii. no more than the noise management levels specified in Table 3 of the *Interim Construction Noise Guideline* (DECC, 2009) at other sensitive land uses, and iii. continuous or impulsive vibration values, measured at the most affected residence are no more than those for human exposure to vibration, specified in Table 2.2 of *Assessing Vibration: a technical guideline* (DEC, 2006), and iv. intermittent vibration values measured at the most affected residence are no more than those for human exposure to vibration, specified in Table 2.4 of *Assessing Vibration: a technical guideline* (DEC, 2006); or (e) where a negotiated agreement has been reached with a substantial majority of sensitive receivers who are within the vicinity of and may be potentially affected by the particular construction, and the noise management levels and/or limits for ground-borne noise and vibration (human comfort) cannot be achieved. All agreements must be in writing and a copy forwarded to the Secretary at least one (1) week before the works commencing; or (f) construction approved through an **Out of Hours Work Protocol** referred to in Condition E47, provided the relevant council, local residents and other affected stakeholders and sensitive receivers are informed of the timing and duration at least five (5) days and no more than 14 days before the commencement of the works.	Sections 1.5.3, 2, 3.1, 3.2.1 and 3.3.
E45	On becoming aware of the need for emergency construction in accordance with Condition E44(b), the Proponent must notify the AA, the ER and the EPA (if an EPL applies) of the need for those activities or work. The Proponent must also use best endeavours to notify all affected sensitive receivers of the likely impact and duration of those works.	Section 3.3 and Figure 2.
E46	Notwithstanding Conditions E44 and E48, rock breaking and other particularly annoying activities are not permitted outside of standard construction hours, except at Central, unless the noise management level derived from the *Interim Construction Noise Guideline* can be achieved at sensitive receivers.	Section 2 and each OOH application as relevant (supported by a Construction Noise and Vibration Impact Statement or other type of quantitative impact assessment).

Condition Number	Condition	Where this condition is addressed
E47	An **Out of Hours Work Protocol** for the assessment, management and approval of work outside of standard construction hours, as defined in Condition E36 of this approval, must be prepared in consultation with the EPA [NSW Environment Protection Authority] and submitted to the Secretary [of the NSW Department of Planning and Environment] for approval before construction commences for works not subject to an EPL [Environment Protection Licence]. The protocol must include: (a) the identification of low and high risk construction activities; (b) a risk assessment process in which the AA [Acoustic Advisor] reviews all proposed out of hours activities and identifies their risk levels; (c) a process for the endorsement of out of hours activities by the AA and approval by the ER [Environmental Representative] for construction activities deemed to be of: i. low environmental risk; or ii. high risk where all construction works cease by 9pm. All other high risk out of hours construction must be submitted to the Secretary for approval unless otherwise approved through an EPL. The protocol must detail standard assessment, mitigation and notification requirements for high and low risk out of hours works, and detail a standard protocol for referring applications to the Secretary.	This document; particularly Sections 1.2, 3.1.2.3 and 3.1.2.4, Figure 1 and the Out of Hours Work Application Forms.
E48	Notwithstanding Condition E36 of this approval and subject to Condition E47, the following activities may be undertaken 24 hours per day, seven (7) days per week: (a) tunnelling and associated support activities (excluding cut and cover tunnelling); (b) excavation within an acoustic enclosure; (c) excavation at Central without an acoustic enclosure; (d) station and tunnel fit out; and (e) haulage and delivery of spoil and materials.	Section 2 and each OOH application as relevant (supported by a Construction Noise and Vibration Impact Statement or other type of quantitative impact assessment).

1.2. Protocol Consultation, Endorsement and Approval

In accordance with Condition E47 of the Chatswood to Sydenham planning approval, this protocol must be prepared in consultation with the NSW Environment Protection Authority (EPA) and approved by the Secretary of the NSW Department of Planning and Environment (the Secretary).

The protocol is also required to receive endorsement from the Environmental Representative and the Acoustic Advisor in accordance with Conditions A24(d) and A27(d) respectively, prior to submission to the Secretary.

1.2.1. Consultation

A draft version of this protocol was provided to the EPA for consultation and comment on 7 March 2017. Given that the protocol (and Condition E47) is aimed at addressing work that is 'not subject to an EPL', the EPA responded on 21 March 2017 to state that "the EPA does not have comments on this protocol".

In the event that the protocol is revised to address work that is subject to an Environment Protection Licence (EPL), TfNSW will re-consult with the EPA.

1.2.2. Endorsement

Both the Environmental Representative and the Acoustic Advisor have reviewed and left comments on drafts of this protocol. All comments have been satisfactorily addressed in this final OOH Work Protocol.

Appendix A provides endorsements of this OOH Work Protocol from the Environmental Representative and the Acoustic Advisor.

1.2.3. Approval

Appendix B provides approval of this OOH Work Protocol by the Secretary.

Construction activities on the Chatswood to Sydenham portion of the City & Southwest project will not be undertaken outside of standard construction hours for works that are not subject to an EPL until this protocol has been approved by the Secretary. Following approval from the Secretary, all works on the Chatswood to Sydenham portion of the City & Southwest project that are not subject to an EPL (irrespective of whether the works are defined as 'construction' in accordance with the Chatswood to Sydenham planning approval) will be subject to this protocol.

1.3. Accountabilities

The Principal Manager, Sustainability, Environment & Planning, City & Southwest is accountable for this protocol. Accountability includes authorising the document, monitoring its effectiveness and performing a formal document review.

Roles reporting to the Principal Manager are accountable for ensuring the requirements of this document are implemented within their area of responsibility. The roles that are accountable for specific projects/programs are accountable for ensuring associated contractors comply with the requirements of this document.

1.4. Definitions and Acronyms

All terminology in this Protocol is taken to mean the generally accepted or dictionary definition, unless stated otherwise in accordance with the Definitions section of the Chatswood to Sydenham planning approval or the *Sydney Metro Integrated Management System Glossary*.

Acronyms and terminology specifically used throughout this Protocol are listed below.

	Definitions
AA	Acoustics Advisor
BMP	Business Management Plan
CEMF	Construction Environmental Management Framework (for the City & Southwest project)
CNVIS	Construction Noise and Vibration Impact Statement
CNVS	Construction Noise and Vibration Strategy (for the City & Southwest project)
CSSI	Critical State Significant Infrastructure
EPA	Environment Protection Authority (of New South Wales)
EPL	Environment Protection Licence
ER	Environmental Representative
ICNG	*Interim Construction Noise Guideline* (DECC, 2009)
OOH	Out of Hours (i.e. outside of the standard construction hours stipulated in planning approval conditions)
POEO Act	*Protection of the Environment Operations Act 1997* (NSW)
Secretary	The Secretary of the New South Wales Department of Planning and Environment
SPIR	Submissions and Preferred Infrastructure Report

1.5. Governance

This OOH Work Protocol should be used in conjunction with the Sydney Metro *Construction Environment Management Framework*, the *City & Southwest Construction Noise and Vibration Strategy* and any applicable Environment Protection Licences. These documents establish minimum requirements for managing noise and vibration impacts on the City & Southwest project.

1.5.1. Construction Environment Management Framework

The Chatswood to Sydenham Submissions and Preferred Infrastructure Report (SPIR) contains the *Sydney Metro Construction Environmental Management Framework* (CEMF) as Appendix B. The CEMF represents Sydney Metro's minimum requirements for environmental management and specifies a standard framework that each contractor must establish and document in their Construction Environmental Management Plan and sub-plans. These requirements include those relating to construction noise and vibration management as specified in Chapter 9.

1.5.2. Construction Noise and Vibration Strategy

Sydney Metro has developed a *Construction Noise and Vibration Strategy* (CNVS) for the City & Southwest project. The strategy:

- Establishes a framework for managing construction noise and vibration impacts and adopting appropriate mitigation measures (including minimum requirements),
- Forms Appendix C of the Chatswood to Sydenham SPIR,
- Forms part of the contract requirements that contractors must comply with, and
- Sets minimum requirements for all OOH work, including the need for and development of Construction Noise and Vibration Impact Statements.

1.5.2.1. Construction Noise and Vibration Impact Statements

A Construction Noise and Vibration Impact Statement (CNVIS) is a report that assesses and documents the anticipated noise and vibration impacts at sensitive receivers of proposed construction activities. In accordance with Condition E33 of the Chatswood to Sydenham planning approval, a CNVIS is to be prepared for each construction site before construction noise and vibration impacts commence and include specific mitigation measures identified through consultation with affected sensitive receivers.

1.5.3. Environment Protection Licence

An Environment Protection Licence (EPL) is a regulatory approval issued to strategically control the localised, cumulative and acute impacts of pollution. The NSW Environment Protection Authority (EPA) is responsible for issuing EPLs for 'scheduled activities' under the *Protection of the Environment Operations (POEO) Act 1997* (NSW).

Some aspects of the City & Southwest construction and operation works will constitute 'scheduled activities' under the POEO Act and therefore need to be subject to an EPL. City & Southwest contractors are required to obtain and comply with any EPLs as applicable to their scope of works.

The process for approving OOH work outside of those already permitted in accordance with an EPL, is governed by the conditions of the EPL. In order for these types of OOH work to be approved, an application to vary the EPL is to be prepared and submitted to the EPA for approval. The application is to be in accordance with the CNVS and EPL requirements.

OOH work that is subject to an EPL do not require approval in accordance with Condition E47 of the Chatswood to Sydenham planning approval (i.e. this protocol).

1.6. Roles and Responsibilities

1.6.1. TfNSW Place Manager

A TfNSW Place Manager will be allocated to each site on the Chatswood to Sydenham portion of the City & Southwest project. The Place Manager is responsible for ensuring that all project communication requirements with the surrounding community are being complied with.

1.6.2. TfNSW Environment Manager

A TfNSW Environment Manager will be allocated to each contract package on the Chatswood to Sydenham portion of the City & Southwest project. The Environment Manager is responsible for ensuring that all environmental management requirements associated with their contract package are being complied with.

1.6.3. Independent Environmental Representative

Condition A22 of the Chatswood to Sydenham planning approval requires an Environmental Representative (ER) to be appointed to the project to represent the NSW Department of Planning and Environment. The ER is to act as the Secretary's independent point of contact for all environmental and planning approval compliance matters. Refer to Condition A24 of the Chatswood to Sydenham planning approval for a comprehensive list of the ER's responsibilities.

Sections 3.1.2.3 and 3.1.2.4 include descriptions of the ER's responsibilities with respect to reviewing and approving OOH work.

1.6.4. Acoustic Advisor

Condition A25 of the Chatswood to Sydenham planning approval requires an Acoustic Advisor (AA) to be appointed to the project. The AA is to act as the Secretary's independent point of contact for all noise and vibration matters on the project. Refer to Conditions A25 and A27 for a comprehensive description of the AA's responsibilities.

Sections 3.1.2.3 and 3.1.2.4 include descriptions of the AA's responsibilities with respect to reviewing, identifying risk level, endorsing and deferring OOH work.

2. Standard Hours

Condition E36 of the Chatswood to Sydenham planning approval defines standard construction hours as:

(a) 7:00am to 6:00pm Mondays to Fridays, inclusive;

(b) 8:00am to 1:00pm Saturdays; and

(c) at no time on Sundays or public holidays.

These hours are consistent with:

- The EPA's *Interim Construction Noise Guideline* (ICNG) 2009 'recommended standard hours' for construction in NSW, and
- The *City & Southwest Construction Noise and Vibration Strategy* (CNVS) 'standard daytime construction hours' (which were adopted by TfNSW as recommended by the ICNG).

Unless undertaken in accordance with Conditions E44, E46 or E48 of the Chatswood to Sydenham planning approval, construction is only permitted to be undertaken during standard construction hours.

If OOH work is to be undertaken in accordance with one or more of these conditions at the Crows Nest, Victoria Cross, Barangaroo, Martin Place, Pitt Street or Central sites, the work must also comply with the specific requirements of Conditions E37 and E38 of the Chatswood to Sydenham planning approval. It should be noted however that the intent of Conditions E37 and E38 is to support certain types of work at these sites between 7am and 8pm. This should be considered when identifying risk levels for OOH work applications (refer to Section 3.1.2.3).

3. OOH Work

Out of hours (OOH) work is defined as any work that is undertaken outside of standard construction hours.

Some OOH work is permitted to be undertaken on the City & Southwest project in accordance with Conditions E44, E46 and E48 of the Chatswood to Sydenham planning approval. These works include:

- Delivery of materials as required by an authority for safety reasons,
- Emergency works,
- Works that are subject to different construction hours as permitted (or required) under an EPL,
- Low noise impact works,
- Works that are subject to a negotiated agreement with the substantial majority of affected sensitive receivers,
- Works undertaken in accordance with an Out of Hours Work Protocol approval and are the subject of a notification to the relevant council, local residents and other affected stakeholders and receivers at least five days prior to the works commencing and no more than 14 days prior to the works commencing.
- Rock breaking and other particularly annoying activities at the Central Station Site or, provided that the noise management level can be achieved at sensitive receivers, at any other site,
- 24 hour construction works in accordance with Condition E48, comprising:
    - Tunnelling and associated support activities (excluding cut and cover tunnelling),
    - Excavation within an acoustic enclosure,
    - Excavation at the Central Station Site without an acoustic enclosure,
    - Station and tunnel fit out, and
    - Haulage and delivery of spoil and materials,

In accordance with Condition E47 of the Chatswood to Sydenham planning approval and with the exception of OOH work that is subject to an EPL, all OOH work requires endorsement by the AA and approval by either the ER, or in the case of ‘high risk’ works undertaken after 9pm, the Secretary. This includes all work subject to Conditions E37, E38 and E48 of the Chatswood to Sydenham planning approval. The requirements of these conditions are to be specifically addressed in each OOH application (refer to Section 3.1.2) as relevant.

3.1. OOH Work Approval Process

Figure 1 provides the OOH work approval process for the Chatswood to Sydenham portion of the City & Southwest project. This includes a requirement to prepare an application that covers the assessment of noise and vibration impacts, mitigation measures (including community notification requirements), review and approval for all proposed OOH work.

All OOH work applications that are not subject to an EPL will be submitted to the TfNSW Place Manager, TfNSW Environment Manager, AA and ER for review and comment. These reviews will take into consideration a range of aspects, including reviewer experience and expert understanding, local knowledge of the area, current understanding of sensitive receiver requirements and other relevant documents (for example, the applicable Business Management Plan detailing predicted impacts to affected businesses, key issues and appropriate mitigation measures for implementation). This review process is further explained in section 3.1.2.3.

3.1.1. OOH Work subject to an EPL

For OOH work that is subject to an EPL, the EPL conditions will dictate the approval process. As a minimum however, for proposed OOH work that is not approved in the EPL and a variation is required, the contractor is expected to:

- Prepare an application to the EPA in accordance with the CNVS and EPL requirements,
- Submit the revised application to the EPA for approval and submit the application to the TfNSW Place Manager, TfNSW Environment Manager, AA and ER for information,
- Notify TfNSW, the AA and ER upon receiving EPA approval, and
- Ensure any required community notifications have been issued (by either TfNSW or the contractor directly) at least seven days prior to the works commencing.

3.1.2. OOH Work not subject to an EPL

For OOH work that is not subject to an EPL, the approval process is dictated by the requirements of Condition E47 of the Chatswood to Sydenham planning approval.

Contractors are required to prepare an OOH application using:

- A form consistent with the Sydney Metro *City & Southwest OOH Work Application Form* for proposed OOH work that is within the scope of a CNVIS, or
- A form consistent with the Sydney Metro *OOH Work Application Form* for proposed OOH work that is not within the scope of a CNVIS (or is within the scope of a CNVIS that is yet to be prepared).

Both of these forms require a noise and vibration impact assessment to be undertaken and contain a consolidated and conservative version of Table 14 from the CNVS. This facilitates simpler consideration of applicable additional noise and vibration mitigation measures to implement. The forms also require demonstration of how additional noise and vibration mitigation measures have been considered for implementation (including community notifications) in accordance with the CNVS.

3.1.2.1. OOH Work within the Scope of a CNVIS

The majority of OOH applications subject to this protocol are anticipated to be undertaken within the scope of a CNVIS.

For proposed OOH work that is within the scope of a CNVIS, the OOH application will outline the associated noise and vibration impacts of the proposed OOH work, based on the outcomes of the CNVIS. The applicable sections of the CNVIS are required to be appended to the OOH application.

The associated noise and vibration impacts will guide the consideration of standard and additional mitigation measures to implement, in accordance with the CNVS.

3.1.2.2. OOH Work not within the scope of a CNVIS

In some circumstances, OOH work may be required that is not within the scope of a CNVIS. Examples of these situations include OOH works that:

- Are not defined as 'construction' under the Chatswood to Sydenham planning approval,
- Are not confined to a 'construction site' (e.g. power supply works, in-tunnel works, etc.), and
- Were not anticipated in a CNVIS at the time it was prepared.

For proposed OOH work that is not within the scope of a CNVIS (or is within the scope of a CNVIS that is yet to be prepared), the noise and vibration impacts of the proposed OOH work will generally have less certainty than those that are within the scope of a CNVIS. Therefore, greater due diligence is required in completing the OOH application form.

To ensure an adequate level of due diligence is applied to reviewing proposed OOH work that is not within the scope of a CNVIS, a form consistent with the generic Sydney Metro *OOH Work Application Form* is to be used. This form has been developed by TfNSW to ensure consistency with the *Interim Construction Noise Guideline* (DECC, 2009) and requires applicants to:

- Provide justification for the works to be undertaken OOH,
- Adequately assess the noise and vibration impacts at nearest sensitive receivers,
- Consider standard and additional noise and vibration mitigation measures to implement in accordance with the CNVS, and
- Request formal review, endorsement and approval for the proposed OOH work prior to their commencement.

Furthermore, the Sydney Metro *OOH Work Application Form* requires a preliminary quantitative noise assessment to be undertaken in accordance with the *Interim Construction Noise Guideline* (ICNG) as a minimum. For assessments indicating that noise exceedance levels are greater than 10 dBA for more than 10 occasions at the same sensitive receiver, the need to undertake a detailed quantitative noise assessment will be considered by TfNSW, the contractor, the AA and the ER collectively. The term 'occasion' is defined in the *OOH Work Application Form*.

3.1.2.3. Review, TfNSW Endorsement and Identification of Risk Level

Review

Once the contractor has prepared an OOH work application, the application is submitted to the TfNSW Place Manager, TfNSW Environment Manager, AA and ER for review. Following their reviews, TfNSW, the AA and the ER may provide comments on the application, which need to be adequately addressed by the contractor in a resubmitted application to the satisfaction of the comment provider(s).

Prior to the TfNSW Principal Manager (Stakeholder & Community Liaison) indicating their endorsement (or otherwise) on the application, reference will be made to the applicable Business Management Plan (BMP) in accordance with Condition E64 of the Chatswood to Sydenham planning approval. The BMP will:

- Identify business stakeholders that may be affected by the project works and the issues specific to each business,
- Detail the strategies and activities to be used to facilitate open communication and engagement with businesses,
- Explain mitigation measures for identified business-related impacts, and
- Define roles and tools to enable TfNSW Place Managers to implement the BMP.

TfNSW Endorsement and Identification of Default Risk Level

Following endorsement from the TfNSW Principal Manager (Stakeholder & Community Liaison), the AA is required to identify a risk level for the proposed OOH work in accordance with Condition E47 of the Chatswood to Sydenham planning approval. This risk level will be categorised as either ‘Low risk’ or ‘High risk’.

As a default risk level, the AA will identify OOH work as ‘high risk’ if all of the following three criteria apply:

- The type and sensitivity of the affected noise sensitive receivers is categorised as either Moderate Impact receivers (e.g. standard residential / typical density) or High Impact receivers (e.g. elderly / high density / persistent complainers / residents experiencing construction noise fatigue), and
- The predicted noise level of the OOH work has a likelihood for potential sleep disturbance (i.e. Rating Background Level + 15 dB or more), and
- The type of and intensity of noise emitted from the OOH work is categorised as High Impact (e.g. prolonged high noise and/or vibration intensive activities).

These criteria are based on Section 6.4 General Assessment Procedure of the CNVS.

For non-residential receivers the AA may consider OOH work as ‘high risk’ if undertaken during trading hours and in close proximity to their place of business (for example, during Saturday afternoon trading hours). Since each non-residential receiver has different business needs, it is imperative that the AA discusses each OOH work application with the TfNSW Place Manager to better understand how the proposed OOH works would impact the business.

Modification of Default Risk Level

Using the default risk level as a 'starting point', the AA will consider all other relevant factors in order to identify a final risk level. These relevant factors include:

- Those identified on Pages 24 and 25 in Section 6.4 of the CNVS (noting that the reference to 'impact levels' is independent of the 'risk rating' identified by the AA for the purposes of complying with Condition E47(c) of the Chatswood to Sydenham planning approval),
- Those listed in Table 2, and
- Any other factors the AA considers relevant in its professional opinion.

These factors may be cause for the AA to modify the default risk rating from either 'high risk' to 'low risk', or 'low risk' to 'high risk', as the AA deems appropriate in its professional opinion.

Table 2: Risk Level Considerations

	Risk Level Considerations
Predicted Noise Exceedance	Degree of predicted noise level exceedance above the Rating Background Level or Noise Management Level as appropriate
Specific Scope of Work	Works that are not subject to Conditions E37 and E38
5 dBA Penalty	If 5 dBA penalty is required in accordance with Conditions E37, E38, E41 and E42
Certainty	Rating background levels, noise management levels or predicted noise impacts are not well understood
Past Experience	Nature of works are new, in a new location or have not been undertaken by the contractor on the project already
Negotiated Agreement with Sensitive Receivers	No negotiated agreement with sensitive receivers has been obtained in accordance with Condition E44(e)
Potential Sleep Disturbance	Likely to generate potential sleep disturbance (RBL + 15dB or greater)
Non-Residential Receivers	Impacted non-residential receivers operate during same period of proposed OOH works
Special Events	The timing and location of special events in the area of the proposed OOH works may be scheduled at the same time or immediately before or after the special event (e.g. festivals, public gatherings, etc.)
TfNSW Place Manager Feedback	Feedback from the Place Manager for the area will provide the AA an understanding of the types and requirements of surrounding sensitive receivers.
Sensitive Receivers	Moderate impact sensitive receivers (e.g. standard residential, medium density receivers) or high impact sensitive receivers (e.g. residential home for the elderly, high density unit blocks, persistent complainers, residents deemed to have 'construction noise fatigue')
High Impact Works	Prolonged high noise or vibration intensive activities
Other Impacts	Impacts other than noise and vibration impacts are likely to be generated (e.g. lighting, traffic, etc.)

Once the AA has identified a final risk level for the OOH work application, the AA indicates the risk level on the application (including any risk identification commentary), as well as whether the application includes works after 9pm, and signs and dates the application.

3.1.2.4. Endorsement and Approval

Figure 1 includes a process for the endorsement and approval of OOH work.

Following the identification of risk level by the AA, the AA endorses the OOH work application and provides any conditions or comments. If the AA identifies that the OOH work application is high risk and includes works after 9pm, the application is forwarded to the ER for endorsement only. Following the ER's endorsement, the application is then formally submitted by TfNSW via email to the Secretary for approval in accordance with Condition E47 of the Chatswood to Sydenham planning approval. For all other applications, the ER indicates their approval (or otherwise) on the application, including any conditions or comments, and forwards directly to TfNSW, the contractor and AA.

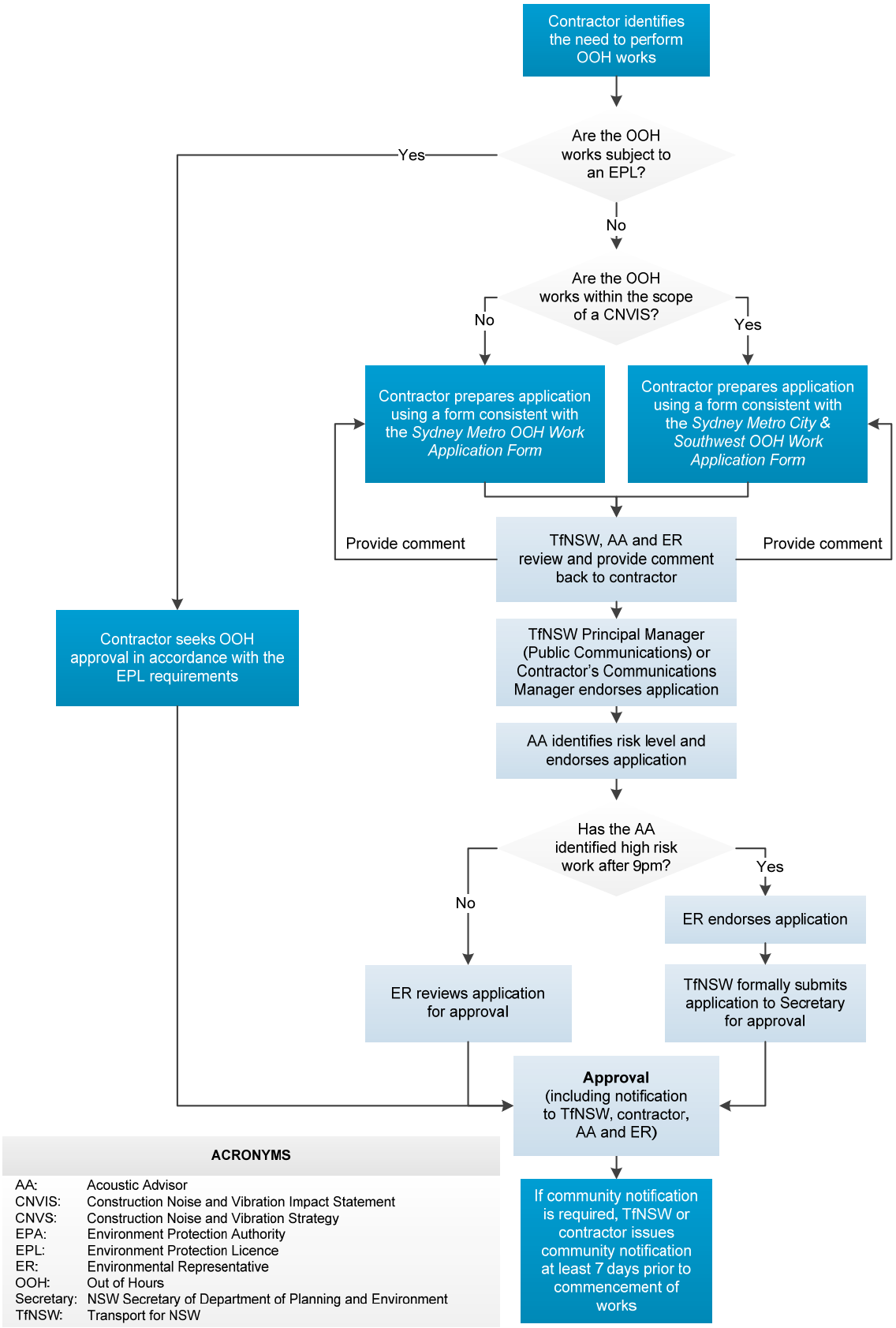

Figure 1: OOH Work Approval Process

3.2. Community Notifications

Community notifications can be used as a mitigation measure for receivers of noise and vibration impacts from OOH work.

Community notifications usually comprise of letterbox-dropped or hand-distributed notification letters to identified stakeholders prior to the commencement of works. Communities are more likely to understand and accept the impacts from noise and vibration if they are provided with honest detailed information and commitments on mitigation measures to be implemented that are adhered to by the project prior to the works commencing.

Community notification requirements are included in the CNVS and outlined in the *Community Communications Strategy* for the City & Southwest project in accordance with Condition B1 of the Chatswood to Sydenham planning approval.

Community notification is an example of an additional mitigation measure that may be considered for implementation in accordance with the CNVS and the additional mitigation measure tables contained in the OOH Work Application Forms. In the event that community notification is required as a mitigation measure prior to OOH work commencing, community notification is to be undertaken at least seven days prior to the works commencing.

3.2.1. Negotiated Agreements with Sensitive Receivers

Occasionally, a negotiated agreement for particular OOH work will be formed with the potentially affected sensitive receivers in accordance with Condition E44(e) of the Chatswood to Sydenham planning approval. These negotiated agreements would be undertaken and documented by either the contractor or TfNSW as part of an OOH application.

The negotiated agreement needs to reach a minimum 65% acceptance rate of those sensitive receivers that are contactable. 'Contactable' is defined as having received correspondence (either verbal or written) from receivers within a two week timeframe. The CNVIS process and the TfNSW Place Manager will advise of potentially affected sensitive receivers to be contacted.

Upon ER approval of any OOH applications containing negotiated agreements, TfNSW will forward the negotiated agreement documentation to the Secretary for information at least one week prior to the OOH work commencing. In the event that community notification is required as a mitigation measure prior to the OOH work commencing, this would be undertaken at the same time (i.e. at least seven days prior to the works commencing).

3.3. Emergency Works

Occasionally there may be a need to undertake emergency works outside of standard work hours. In this situation, the works are permitted to proceed without prior approval, provided that the works were:

- Unforeseen, and
- Required to avoid the loss of life, damage to property or prevent environmental harm.

Figure 2 outlines the emergency work process.

On becoming aware of the need to undertake emergency works in accordance with Condition E44(b) of the Chatswood to Sydenham planning approval, contractors must notify TfNSW, the AA, the ER and the EPA (if it is required under an EPL if relevant) of the need to undertake the works. This notification should be in the form of a written email or text message to TfNSW, the AA and the ER. The requirements for notifying the EPA will be dictated in the conditions of the EPL if relevant.

As a form of mitigation, community notification is to be undertaken within two hours of the commencement of emergency works. These notifications will generally be prepared by the contractor using a small hand-completed Sydney Metro card template for distribution to the immediate surrounding community. These cards will include the following details as a minimum:

- Scope,
- Location,
- Hours,
- Duration,
- Types of equipment to be used, and
- Likely impacts.

The day after any emergency works, the applicant is to provide a written emergency works report to TfNSW. The emergency works report is to include as a minimum:

- Date, time, duration and cause of the emergency,
- Description of emergency works undertaken,
- Mitigation measures implemented to address the impacts of the emergency works, and
- Actions/Measures taken or to be taken to prevent or mitigate recurrence of the emergency. If there are no appropriate actions/measures to be taken, explanation is to be provided as to why.

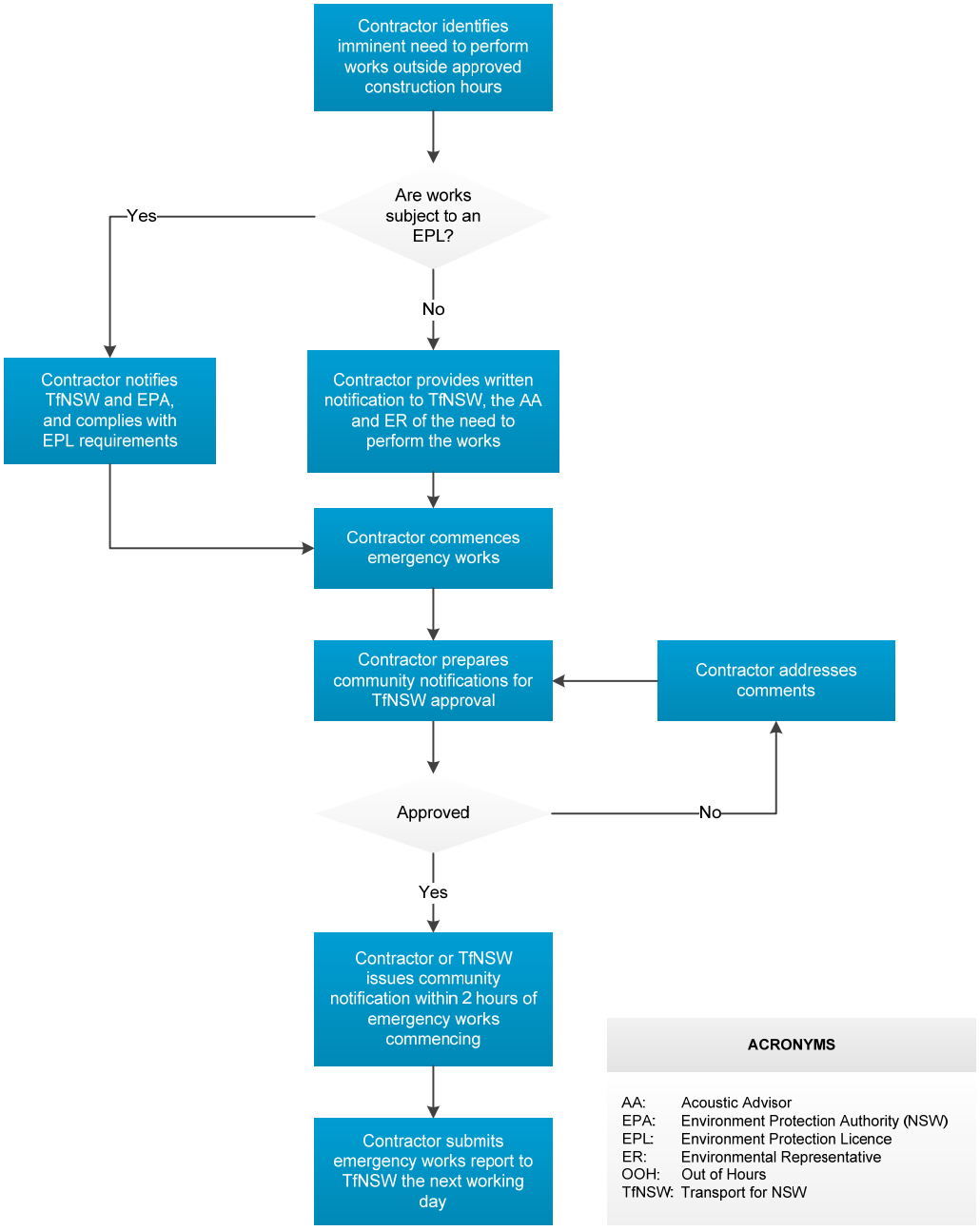

Figure 2: Emergency Work Process

4. Related Documents and References

Related Documents and References
• SM ES-MM-101 Environment & Sustainability Management Manual • SM ES-ST-204 Construction Environment Management Framework • SM ES-ST-210 City & Southwest Construction Noise and Vibration Strategy • SM ES-FT-443 City & Southwest Out of Hours Work Application Form • SM ES-FT-419 Out of Hours Work Application Form • SM SC-ST-202 Overarching Community Communications Strategy • SM QM-FT-435 Integrated Management System (IMS) Glossary • EPA Interim Construction Noise Guideline

5. Superseded Documents

Superseded Documents
There are no documents superseded as a result of this document.

6. Document History

Version	Date of approval	Summary of change
1.0	28/3/2015	New document
2.0	14/7/2017	Edits to address DP&E comments

Appendix A: OOH Work Protocol Endorsements

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28 March 2017

Ref:170108_OOHW Protocol

Dear Stuart

RE: Endorsement of Sydney Metro City & Southwest Out of Hours Work Protocol

Thank you for providing the following document for Environmental Representative (ER) review and endorsement as required by the Condition of Approval A24 (d) of the Sydney Metro City & Southwest project (SSI – 15_7400 January 9 2017).

- Sydney Metro City & Southwest City & Southwest Out of Hours Work Protocol (SM ES-PW-317/1.0)

As an approved ER for the Sydney Metro City & Southwest project, I have reviewed and provided comment on these documents. As required under A27 (d), the Acoustic Advisor has also been involved in this process and has provided separate endorsement.

I now consider this Protocol appropriate for submission to the Secretary notwithstanding that the required Specific Out of hours Works Application Forms will continue to be developed, reviewed by Acoustic Advisor, endorsed by the ER, and submitted to the Secretary for approval as required.

Yours sincerely

Jo Robertson
Environmental Representative – Sydney Metro – City and South West

ENDORSEMENT

CITY & SOUTHWEST ACOUSTIC ADVISOR (Interim)

Review of	**Out of Hours Work Protocol**	**Document reference:**	Sydney Metro City & Southwest City & Southwest Out of Hours Work Protocol Document number SM ES-PW-317, version 1.0, 28 March 2017
Prepared by:	Dave Anderson		
Date of issue:	28 March 2017		

As approved (interim) Acoustic Advisor for the Sydney Metro City & Southwest project, I have reviewed and provided comment on the Out of Hours Work Protocol, as required under A27 (d) of the project approval conditions.

I consider that this Protocol is appropriate for submission to the Secretary, noting that the required Specific Out of hours Works Application Forms will continue to be developed, including review by the Acoustic Advisor and endorsement by the ER.

Dave Anderson, interim City & Southwest Acoustic Advisor

Appendix B: OOH Work Protocol Approval from the Secretary

NSW GOVERNMENT | Planning & Environment

Contact: Jacqui McLeod
Phone: 9274 6454
Email: Jacqui.mcleod@planning.nsw.gov.au

Our ref: SSI 15_7400

Mr Stephen Jones
Executive Director
Safety, Sustainability and Environment
Sydney Metro, Transport for NSW
PO Box 588
North Ryde BC NSW 1670

Dear Mr Jones

Sydney Metro City & Southwest Chatswood to Sydenham (SSI 15_7400): Approval of the Out of Hours Work Protocol under condition E47.

Thank you for your correspondence dated 30 March 2017, submitting the Out of Hours Work Protocol in accordance with Condition E47 for the Secretary's approval. I also note further revisions to this document, responding to the Department's detailed comments and requirements. The Department has reviewed the updated Out of Hours Work Protocol (Rev 1.3 dated 4 July 2017) and considers that it satisfactorily addresses the requirements of Condition E47. Therefore, in accordance with Condition E47, I approve the Out of Hours Work Protocol (Rev 1.3 dated 4 July 2017).

Please note that under condition E47, all out of hours construction that is not subject to an EPL, that the Acoustic Advisor deems to be "High Risk", and that occurs after 9pm must be submitted to the Secretary for approval.

If you have any further queries or require clarification on this matter, please contact me on 9274 6454 or by email jacqui.mcleod@planning.nsw.gov.au.

Yours sincerely

Jacqui McLeod 14/7/17

Jacqui McLeod
Acting Director Infrastructure Management
as delegate of the Secretary

Out of Hours (OOH) Work Application Form

This Form is to be used for formal review and approval of Sydney Metro OOH work as it may affect Residential and non-Residential receivers. For City & Southwest OOH work that is within the scope of a Construction Noise and Vibration Impact Statement, the project-specific SM ES-FT-443 C&SW Out of Hours Works Application Form is to be used. For all other OOH applications, this Form can be used. This form can be used in accordance with the SM ES-PW-317 City & Southwest Out of Hours Work Protocol. This application and all applicable appendices must be submitted to TfNSW as one PDF file at least 15 business days prior to the commencement of the proposed OOH work.

1. OOH Application	
Contractor:	
Project:	
Application Title: E.g. 'Smith St service relocation works'	
Application Number: E.g. 1, 2, 3, etc.	
Application Date: Original submission date (resubmission date in parentheses if applicable)	
2. Proposed OOH Work Details	
Description of works: Including: • Work methodologies. • List of plant/equipment to be used (worst case scenario). • Map (and/or ECM) attached as Appendix 1 indicating location of works, plant/equipment locations and sensitive receivers (including distance to nearest sensitive receiver for noisiest plant/equipment). • Traffic Management Plan or Traffic Control Plan if applicable as Appendix 2. • Road Occupancy License and/or Road Opening Permit application or approval if applicable as Appendix 3.	
Timing of works: Including the proposed dates and times where works are anticipated to be undertaken outside standard hours.*	
Occasions: Refer to Section 3 and state the number of occasions anticipated (worst-case).	
Justification: Explain the need for the works to be undertaken during the proposed OOH periods and justify why works cannot occur during standard hours* or extended hours as per E37 and E38.	

* Unless specified otherwise in project specific documentation, work time periods are as follows:
- **Standard Hours:** 7am to 6pm weekdays and 8am to 1pm Saturdays.
- **Daytime OOH:** 1pm to 6pm Saturdays and 8am to 6pm Sundays and Public Holidays.
- **Evening OOH:** 6pm to 10pm every day.
- **Night Time OOH:** 10pm to 7am weekday mornings and 10pm to 8am weekend and Public Holiday mornings.

3. Noise and Vibration Assessment

A quantitative noise assessment for OOH work is to be carried out in accordance with the *Interim Construction Noise Guideline* (DECC, 2009). This section allows applicants to address these requirements through the following steps:

1) Establishing Rating Background Levels (RBLs) and Noise Management Levels (NMLs).
2) Predicting the anticipated noise levels using a quantitative noise assessment:
   a. Works that are not likely to generate high noise impacts for a significant duration may use a preliminary quantitative noise assessment (facilitated within this form). This ensures that all applications, as a minimum, include a preliminary quantitative noise assessment in accordance with the *Interim Construction Noise Guideline* (ICNG).
   b. Works that are likely to generate high noise impacts for a significant duration may require a detailed quantitative noise assessment (i.e. Construction Noise and Vibration Impact Statement) to be undertaken.
   c. Works that are likely to generate ground-borne or structure-borne vibration and/or noise require specialist advice and assessment.
3) Comparing predicted noise levels against NMLs and applying standard mitigation measures as appropriate.
4) Considering additional mitigation when predicted noise levels exceed NMLs.

The need for a detailed quantitative noise and vibration assessment will be considered by TfNSW, the contractor and the Acoustic Advisor or Environmental Representative (if applicable) collectively when the predicted noise levels are anticipated to:

- Exceed an RBL at a residential receiver or an NML at a non-residential receiver by more than 10dBA, **AND**
- Affect the same receiver on 10 or more **occasions**. An occasion is considered to be anytime works are carried out between:
  - 6pm on a weekday and the start of standard hours the next day, **OR**
  - 1pm on a Saturday and 8am on a Sunday, **OR**
  - 8am on a Sunday or public holiday and the start of standard hours the next day.

A *detailed* quantitative noise and vibration assessment should generally include:

- Derivation of RBLs for residential receivers based on noise monitoring at representative locations and/or derivation of NMLs for non-residential receivers based on sensitivities.
- Detailed prediction of noise levels for daytime, evening and night time OOH periods (as applicable) in accordance with Section 4.5 of the ICNG (including a clear outline of timing, duration and predicted noise levels during each OOH period).
- For Night Time OOH Period works, a prediction of maximum noise levels and a review of potential sleep disturbance impacts in accordance with Section 4.3 of the ICNG.
- Detailed predictions of vibration levels for sensitive receivers.

Please complete Steps 1 to 4 below.

Step 1: RBLs/NMLs	If RBLs for residential receivers or NMLs for non-residential receivers have already been established (e.g. in an Environmental Impact Statement, Review of Environmental Factors, detailed quantitative noise assessment or Construction Noise and Vibration Impact Statement for other work activities), enter into Table 3 and attach the supporting evidence as Appendix 4. If no RBLs/NMLs have been established, use Table 1 to estimate RBLs/NMLs and enter into Table 3.
Step 2: Predicted Anticipated Noise Levels	If predicted anticipated noise levels have already been established (e.g. in an Environmental Impact Statement, Review of Environmental Factors, detailed quantitative noise assessment), enter the predicted anticipated noise levels into Table 3 and attach the supporting evidence as Appendix 4. If predicted anticipated noise levels have not already been established, use Table 2 to estimate anticipated noise aspects for the noisiest plant/equipment and enter into Table 3. In Table 3, use these values to calculate the anticipated predicted noise levels.

Step 3: Exceedances and Mitigation Measures	Compare the anticipated predicted noise levels to the applicable RBLs/NMLs, calculate the exceedances and enter into Table 3. Provide a description of the mitigation measures that are planned to be implemented in order to mitigate the noise (and vibration if relevant) impacts. **Standard Mitigation Measures:**
Step 4: Consideration of Additional Mitigation Measures	Use Table 4 and the exceedances in Table 3 to determine the applicable Additional Mitigation Measures for consideration. Use Table 6 to indicate which of these measures are applicable, which will be implemented and provide justification for any applicable measures that will not be implemented.

Table 1: Estimated RBLs for Residential Receivers and NMLs for Non-Residential Receivers

Sensitive Receiver Category	**Estimated RBLs (dBA)**		
Residential	**Daytime OOH**	**Evening OOH**	**Night Time OOH**
Urban (e.g. city hubs, near busy roads, near industrial activity)	**55**	**50**	**45**
Suburban	**45**	**40**	**35**
Quiet, rural or isolated	**40**	**35**	**30**
Non-Residential	**ICNG NMLs (dBA)**		
Industrial facilities	**75** (only applicable when in use)		
Offices or retail	**70** (only applicable when in use)		
Health and educational facilities	**55** (only applicable when in use)		

Table 2: Noise Aspects for Predicted Noise Levels

Noise Aspect	If anticipated predicted noise levels have not already been established, select the most applicable value for each noise aspect below and enter these values into Table 3.	dBA Value
1. Estimated predicted plant /equipment noise level at 10 metres Including +5 dBA penalty for annoying activities as per ICNG (refer to Appendix B for other predicted noise level data)	Hand-held tamper, impact sheet piling rig	105
	Rail grinder, ballast regulator, concrete/rock saw, excavator hammer, jackhammer, rock-breaker	95
	Mainline tamping machine, pin puller, dynamic track stabiliser, large bulldozer, chainsaw, large excavator, pour fill/ballast, water cart, super-sucker, front-end loader, vibratory or bored piling	85
	Asphalt paver, backhoe, small bulldozer, mulcher, concrete pump/mixer/agitator, tower/mobile crane, small excavator, grader, forklift, welder, wheeled-loader, Standard Penetration Testing	80
	Truck, spreader, whacker packer, cherry-picker, fence post driver, electric drill, drill rig	75
	Lighting tower, small generator	70
	Light vehicle, hand-tools (no impact), small cement mixer	65
2. Noise source character	Non-continuous use (plant/equipment to operate for less than half the time)	- 5
3. Local screening	Existing screening between site and receiver (buildings, cuttings, canopies, etc.)	- 5
	Temporary screening to be implemented near work site	- 10
	Acoustic shed or enclosure	- 25
4. Distance attenuation	< 10 metres	0
	10 to 20 metres	- 5
	20 to 35 metres	- 10
	35 to 60 metres	- 15
	60 to 100 metres	- 20
	100 to 180 metres	- 25
	180 to 350 metres	- 30
	350 to 1,000 metres	- 40

Table 3: Predicted Noise Levels and Exceedances of RBLs or NMLs (dBA)

Period (only complete as applicable for each period)	**Noisiest Plant /Equipment** (state the noisiest plant/ equipment to be used during each applicable OOH period)	**Receiver Type** (state 'Res' or 'Non-Res' as applicable for closest receiver to noisiest plant/ equipment)	Enter the most applicable values from Table 2, then add to determine the Predicted Noise Level				**Predicted Noise Level** (1 + 2 + 3 + 4)	**RBL** (for Res)	**NML** (for Non-Res)	**Exceedance** (Predicted Noise Level minus RBL for Res or NML for Non-Res)
			1. Plant/ Equipment Noise Level	**2. Noise Source Character**	**3. Local Screening**	**4. Distance Attenuation**				
Daytime OOH										
Evening OOH										
Night Time OOH										

Table 4: Additional Mitigation Measures (AMM) requiring Consideration for Implementation

OOH Period	Additional Mitigation Measures (AMM)* that must be considered for implementation (apply the exceedances from Table 3 to the two OOH period categories below as applicable)			
	<= 10 dBA Exceedance	10 to <= 20 dBA Exceedance	20 to <= 30 dBA Exceedance	> 30 dBA Exceedance ^
Daytime OOH Period	–	LB	M, LB	M, IB, LB, PC, RO, SN
Evening and Night Time OOH Periods	–	M, LB	M, IB, LB, PC, SN, RO	M, IB, LB, PC, SN, RO, AA*

* AA is only applicable to Night Time OOH periods.

^ Where exceedances are greater than 45 dBA under the City & Southwest Chatswood to Sydenham planning approval, Conditions E41 and E42 mandate that applicable AMMs must be offered in certain circumstances.

Table 5: List of Additional Mitigation Measures (AMM)

AMM Abbrev.	AMM	AMM Descriptions and Guidance
LB	Letterbox-drop (generic to the project)	A newsletter is produced and distributed to the local community via letterbox-drop and the project mailing list. These newsletters provide an overview of current and upcoming works across the project and other topics of interest. The objective is to engage, inform and provide project-specific messages. Advanced warning of potential disruptions (e.g. traffic changes or noisy works) can assist in reducing the impact on the community. Content and newsletter length is determined on a project-by-project basis. Most projects distribute notifications on a monthly basis. The geographic extent of letterbox-drops is generally centred on the immediate surrounding community and rarely extends beyond 100 metres from the works site.
M	Monitoring	Where it has been identified that specific construction activities are likely to exceed the relevant Rating Background Levels (RBL) and/or Noise Management Levels (NMLs), monitoring may be conducted at the affected receiver(s) or a nominated representative location (typically the nearest receiver where more than one receiver have been identified). Monitoring can be in the form of either unattended logging or operator attended surveys. The purpose of monitoring is to inform the relevant personnel when the RBL/NML has been exceeded so that additional management measures may be implemented.
IB	Individual Briefings	Individual briefings are used to inform stakeholders about the impacts of high noise activities and mitigation measures that will be implemented. Communications representatives would visit identified stakeholders at least 48 hours ahead of potentially disturbing construction activities. Individual briefings provide affected stakeholders with personalised contact and tailored advice, with the opportunity to comment on the project.
PC	Phone calls (and/or emails)	Phone calls and/or emails detailing relevant information would be made to identified/affected stakeholders within seven days of proposed work. Phone calls and/or emails provide affected stakeholders with personalised contact and tailored advice, with the opportunity to provide comments on the proposed work and specific needs etc.
SN	Specific Notifications (specific to the OOH work)	Specific notifications would be letterbox-dropped or hand-distributed to identified stakeholders no later than seven days ahead of construction activities that are likely to exceed the RBLs/NMLs. This form of communication is used to support periodic notifications or to advertise unscheduled works. The geographic extent of specific notifications is generally centred on the immediate surrounding community and rarely extends beyond 100 metres from the works site.
RO	Respite Offer	The purpose of a project specific respite offer is to provide residents subjected to lengthy periods of noise and/or vibration impacts respite during OOH periods. Respite offers are offers made to affected receivers to provide a period of either no or limited noise impacts. This can be in the form of stopping or limiting works onsite or offering affected receivers dinner/movie vouchers. The first priority is to implement a period of no or limited noise impacts. If this cannot be achieved, dinner/movie vouchers may be offered on a case-by-case basis. Respite offers must be made in certain circumstances in accordance with Condition E38 of the Chatswood to Sydenham planning approval.
AA	Alternative Accommodation *(residential only)*	Alternative accommodation options may be provided for residents living in close proximity to construction works that are likely to incur unreasonably high impacts during night time OOH periods. Alternative accommodation will be considered on a case-by-case basis.

Table 6: Consideration of Additional Mitigation Measures

Additional Mitigation Measures	Applicable for Consideration? YES or NO (refer to Table 4)	To be Implemented? YES or NO	Justification (if applicable for consideration, but will not be implemented)
LB			
M			
IB			
PC			
SN			
RO			
AA			

4. Community Consultation	
What community consultation has been undertaken already?	
What community consultation is planned to be undertaken?	
If drafted already, attach applicable Community Notification as Appendix 5.	

5. Contractor's Signature				
Contractor's Identification of Risk Level: If the work is subject to the Chatswood to Sydenham planning approval, use Section 3.1.2.3 of the Chatswood to Sydenham Out of Hours Work Protocol to identify a Risk Rating.	Circle:	LOW	or	HIGH
Contractor's Signature:				
Name:				
Title:				
Contact Number:				
Date:				

6. Contractor's Contact Details		
Contractor Personnel	**Name**	**Mobile**
Manager Environment:		
Manager Communications:		
Contractor's Representative:		
Contractor's 24hr contact person:		

City & Southwest Determination Page (to be left blank by contractors)

	Step 1 – Endorsement from TfNSW Principal Manager Project Communications Contractor's Communications Manager	Step 2 – Endorsement from Acoustic Advisor	Step 3 – Approval from Environmental Representative OR Secretary of Department of Planning & Environment
Risk Level:	*N/A*	*Circle: LOW or HIGH* *If works after 9pm are considered HIGH, TfNSW submits application to the Secretary of Department of Planning & Environment for approval.*	*N/A*
Signature:			
Name:			
Date:			
Comments: (including Acoustic Advisor Risk Level comments)			
Conditions:			

Generic Determination Page (to be left blank by contractors)

	Step 1 –TfNSW Principal Manager Project Communications	**Step 2 – Acoustic Advisor** (may be optional depending on planning approval or contract requirements)	**Step 3 – Environmental Representative** (may be optional depending on planning approval or contract requirements)	**Step 4 –TfNSW Principal Manager, Sustainability, Environment & Planning** (only required if not approved already)
Action:	Endorsement	Circle: Endorsement OR Approval	Circle: Endorsement OR Approval	Approval
Signature:				
Name:				
Date:				
Comments:				
Conditions:				

Appendix 1: Map (and/or ECM)

Appendix 2: Traffic Management Plan or Traffic Control Plan

(if applicable)

Appendix 3: Road Occupancy Licence and/or Road Opening Permit

(if applicable)

Appendix 4: Supporting Evidence for Noise and Vibration Impacts

(if applicable)

Appendix 5: Community Notification

(if applicable)

Appendix C – Summary of Predicted Noise Levels (source: CNVIS)

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Table D.1	Clearing and Grubbing for site establishment	SCN01	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	24	-32	-	-	-	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	21	-35	-	-	-	-	-	-	-	-	-	-	-
R.003_A	NCA03_Residential	24	-32	-	-	-	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	21	-35	-	-	-	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	24	-46	-	-	-	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	24	-32	-	-	-	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	25	-31	-	-	-	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	22	-34	-	-	-	-	-	-	-	-	-	-	-
R.009_A	NCA03_Commercial	24	-46	-	-	-	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	24	-32	-	-	-	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	23	-33	-	-	-	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	23	-33	-	-	-	-	-	-	-	-	-	-	-
R.013_A	NCA03_Residential	39	-17	-	-	-	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	25	-31	-	-	-	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	24	-32	-	-	-	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	25	-45	-	-	-	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	25	-31	-	-	-	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	37	-33	-	-	-	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	25	-45	-	-	-	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	22	-34	-	-	-	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	23	-33	-	-	-	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	23	-33	-	-	-	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	28	-42	-	-	-	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	25	-45	-	-	-	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	23	-33	-	-	-	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	38	-18	-	-	-	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	30	-40	-	-	-	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	25	-45	-	-	-	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	28	-42	-	-	-	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	28	-42	-	-	-	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	30	-40	-	-	-	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	25	-45	-	-	-	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	40	-30	-	-	-	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	24	-46	-	-	-	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	27	-43	-	-	-	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	27	-43	-	-	-	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	24	-46	-	-	-	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	32	-38	-	-	-	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	24	-46	-	-	-	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	38	-32	-	-	-	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	27	-43	-	-	-	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	33	-37	-	-	-	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	28	-42	-	-	-	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	25	-45	-	-	-	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	24	-46	-	-	-	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	27	-43	-	-	-	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	27	-43	-	-	-	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	27	-43	-	-	-	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	27	-43	-	-	-	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	34	-36	-	-	-	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	30	-40	-	-	-	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	31	-39	-	-	-	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	29	-41	-	-	-	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	31	-39	-	-	-	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	28	-42	-	-	-	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	29	-41	-	-	-	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	28	-42	-	-	-	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	27	-43	-	-	-	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	30	-40	-	-	-	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	38	-32	-	-	-	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	37	-33	-	-	-	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	28	-42	-	-	-	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	29	-41	-	-	-	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	29	-41	-	-	-	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	29	-41	-	-	-	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	29	-41	-	-	-	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	29	-41	-	-	-	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	41	-29	-	-	-	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	40	-30	-	-	-	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	28	-42	-	-	-	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	41	-29	-	-	-	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	27	-43	-	-	-	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	29	-41	-	-	-	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	28	-42	-	-	-	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	28	-42	-	-	-	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	41	-29	-	-	-	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	39	-31	-	-	-	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	43	-27	-	-	-	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	27	-43	-	-	-	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	29	-41	-	-	-	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	31	-39	-	-	-	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	27	-43	-	-	-	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	39	-31	-	-	-	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	42	-28	-	-	-	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	27	-43	-	-	-	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	31	-39	-	-	-	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	27	-43	-	-	-	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.103_A	NCA02_Commercial	27	-43	-	-	-	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	29	-41	-	-	-	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	29	-41	-	-	-	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	28	-42	-	-	-	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	39	-16	-	-	-	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	44	-8	-	-	-	-	-	-	-	-	-	-	-
R.109_A	NCA04_Residential	29	-22	-	-	-	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	30	-40	-	-	-	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.115_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.117_A	NCA01_Recreational	41	-24	-	-	-	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	45	-25	-	-	-	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	41	-10	-	-	-	-	-	-	-	-	-	-	-
R.122_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.123_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	31	-34	-	-	-	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	38	-27	-	-	-	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.127_A	NCA01_Recreational	33	-32	-	-	-	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.129_A	NCA04_Residential	38	-13	-	-	-	-	-	-	-	-	-	-	-
R.130_A	NCA04_Residential	38	-13	-	-	-	-	-	-	-	-	-	-	-
R.131_A	NCA04_Residential	39	-12	-	-	-	-	-	-	-	-	-	-	-
R.132_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.134_A	NCA01_Recreational	43	-22	-	-	-	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.136_A	NCA01_Residential	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.137_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.138_A	NCA01_Residential	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.139_A	NCA02_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.141_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.142_A	NCA01_Residential	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.143_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.144_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.145_A	NCA01_Residential	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.146_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.147_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.148_A	NCA01_Commercial	45	-25	-	-	-	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.150_A	NCA01_Residential	44	-8	-	-	-	-	-	-	-	-	-	-	-
R.151_A	NCA01_Residential	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.152_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.153_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.154_A	NCA01_Residential	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.155_A	NCA04_Residential	46	-5	-	-	-	-	-	-	-	-	-	-	-
R.156_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.157_A	NCA01_Residential	49	-3	-	-	-	-	-	-	-	-	-	-	-
R.158_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.159_A	NCA01_Residential	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.160_A	NCA02_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.161_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.162_A	NCA05_Residential	49	-24	-	-	-	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	51	-1	-	-	-	-	-	-	-	-	-	-	-
R.164_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.165_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.166_A	NCA02_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.167_A	NCA01_Residential	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.168_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.169_A	NCA01_Commercial	38	-32	-	-	-	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.171_A	NCA01_Residential	44	-8	-	-	-	-	-	-	-	-	-	-	-
R.172_A	NCA01_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.173_A	NCA01_Commercial	43	-27	-	-	-	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.175_A	NCA01_Residential	57	5	-	-	-	15	-	-	-	-	-	-	-

Table D.1	Clearing and Grubbing for site establishment	SCN01	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.176_A	NCA01_Residential	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.177_A	NCA01_Residential	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.178_A	NCA05_Mixed Use	49	-24	-	-	-	-	-	-	-	-	-	-	-
R.179_A	NCA01_Residential	53	1	-	-	-	11	-	-	-	-	-	-	-
R.180_A	NCA01_Residential	55	3	-	-	-	13	-	-	-	-	-	-	-
R.181_A	NCA01_Residential	52	0	-	-	-	-	-	-	-	-	-	-	-
R.182_A	NCA01_Residential	52	0	-	-	-	-	-	-	-	-	-	-	-
R.183_A	NCA01_Commercial	46	-24	-	-	-	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	49	-3	-	-	-	-	-	-	-	-	-	-	-
R.185_A	NCA01_Residential	55	3	-	-	-	13	-	-	-	-	-	-	-
R.186_A	NCA01_Residential	57	5	-	-	-	15	-	-	-	-	-	-	-
R.187_A	NCA05_Residential	57	-16	-	-	-	-	-	-	-	-	-	-	-
R.188_A	NCA02_Mixed Use	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.189_A	NCA02_Residential	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.190_A	NCA05_Residential	49	-24	-	-	-	-	-	-	-	-	-	-	-
R.191_A	NCA04_Residential	47	-4	-	-	-	-	-	-	-	-	-	-	-
R.192_A	NCA04_Residential	42	-9	-	-	-	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	53	-20	-	-	-	-	-	-	-	-	-	-	-
R.194_A	NCA05_Residential	52	-21	-	-	-	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	66	-7	-	-	-	-	-	-	-	-	-	-	-
R.196_A	NCA05_Residential	58	-15	-	-	-	-	-	-	-	-	-	-	-
R.197_A	NCA05_Residential	63	-10	-	-	-	-	-	-	-	-	-	-	-
R.198_A	NCA05_Residential	67	-6	-	-	-	-	-	-	-	-	-	-	-
R.199_A	NCA01_Residential	61	9	-	-	-	19	-	-	-	-	-	-	-
R.200_A	NCA05_Residential	51	-22	-	-	-	-	-	-	-	-	-	-	-
R.201_A	NCA01_Residential	62	10	-	-	-	20	-	-	-	M, LB	-	-	-
R.202_A	NCA05_Residential	**78**	5	-	-	-	15	-	-	-	-	-	-	-
R.203_A	NCA04_Residential	59	8	-	-	-	16	-	-	-	-	-	-	-
R.204_A	NCA05_Industrial	48	-27	-	-	-	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	62	10	-	-	-	20	-	-	-	M, LB	-	-	-
R.206_A	NCA01_Residential	63	11	-	-	-	21	-	-	-	M, LB	-	-	-
R.207_A	NCA01_Residential	68	16	-	-	-	26	-	-	-	M, LB	-	-	-
R.208_A	NCA05_Residential	72	-1	-	-	-	-	-	-	-	-	-	-	-
R.209_A	NCA01_Residential	72	20	-	-	-	30	-	-	-	M, LB	-	-	-
R.210_A	NCA01_Residential	66	14	-	-	-	24	-	-	-	M, LB	-	-	-
R.211_A	NCA01_Residential	**75**	23	-	-	-	33	-	-	-	M, LB	-	-	-
R.212_A	NCA01_Residential	**79**	27	-	-	-	37	-	-	-	M, LB	-	-	-
R.213_A	NCA05_Industrial	50	-25	-	-	-	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	66	14	-	-	-	24	-	-	-	M, LB	-	-	-
R.215_A	NCA01_Residential	67	15	-	-	-	25	-	-	-	M, LB	-	-	-
R.216_A	NCA01_Residential	**76**	24	-	-	-	34	-	-	-	M, LB	-	-	-
R.217_A	NCA01_Residential	68	16	-	-	-	26	-	-	-	M, LB	-	-	-
R.218_A	NCA05_Industrial	44	-31	-	-	-	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	53	-22	-	-	-	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	69	17	-	-	-	27	-	-	-	M, LB	-	-	-
R.221_A	NCA01_Residential	63	11	-	-	-	21	-	-	-	M, LB	-	-	-
R.222_A	NCA01_Residential	71	19	-	-	-	29	-	-	-	M, LB	-	-	-
R.223_A	NCA05_Residential	44	-29	-	-	-	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	65	13	-	-	-	23	-	-	-	M, LB	-	-	-
R.225_A	NCA05_Place of Worship	42	-13	-	-	-	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	**79**	27	-	-	-	37	-	-	-	M, LB	-	-	-
R.227_A	NCA01_Residential	52	0	-	-	-	-	-	-	-	-	-	-	-
R.228_A	NCA01_Residential	73	21	-	-	-	31	-	-	-	M, LB	-	-	-
R.229_A	NCA01_Residential	67	15	-	-	-	25	-	-	-	M, LB	-	-	-
R.230_A	NCA01_Residential	74	22	-	-	-	32	-	-	-	M, LB	-	-	-
R.231_A	NCA01_Residential	**77**	25	-	-	-	35	-	-	-	M, LB	-	-	-
R.232_A	NCA01_Residential	**82**	30	-	-	-	40	-	-	-	M, LB	-	-	-
R.233_A	NCA01_Residential	69	17	-	-	-	27	-	-	-	M, LB	-	-	-
R.234_A	NCA04_Residential	64	13	-	-	-	23	-	-	-	M, LB	-	-	-
R.235_A	NCA01_Residential	70	18	-	-	-	28	-	-	-	M, LB	-	-	-
R.236_A	NCA04_Residential	50	-1	-	-	-	-	-	-	-	-	-	-	-
R.237_A	NCA01_Residential	71	19	-	-	-	29	-	-	-	M, LB	-	-	-
R.238_A	NCA01_Residential	67	15	-	-	-	25	-	-	-	M, LB	-	-	-
R.239_A	NCA01_Residential	**79**	27	-	-	-	37	-	-	-	M, LB	-	-	-
R.240_A	NCA01_Residential	73	21	-	-	-	31	-	-	-	M, LB	-	-	-
R.241_A	NCA01_Residential	68	16	-	-	-	26	-	-	-	M, LB	-	-	-
R.242_A	NCA01_Residential	**83**	31	-	-	-	41	-	-	-	M, LB	-	-	-
R.243_A	NCA01_Residential	65	13	-	-	-	23	-	-	-	M, LB	-	-	-
R.244_A	NCA01_Residential	70	18	-	-	-	28	-	-	-	M, LB	-	-	-
R.245_A	NCA01_Residential	**77**	25	-	-	-	35	-	-	-	M, LB	-	-	-
R.246_A	NCA01_Residential	71	19	-	-	-	29	-	-	-	M, LB	-	-	-
R.247_A	NCA01_Residential	73	21	-	-	-	31	-	-	-	M, LB	-	-	-
R.248_A	NCA01_Residential	**76**	24	-	-	-	34	-	-	-	M, LB	-	-	-
R.249_A	NCA01_Residential	61	9	-	-	-	19	-	-	-	-	-	-	-
R.250_A	NCA01_Residential	**80**	28	-	-	-	38	-	-	-	M, LB	-	-	-
R.251_A	NCA01_Residential	**85**	33	-	-	-	43	-	-	-	M, LB	-	-	-
R.252_A	NCA01_Residential	63	11	-	-	-	21	-	-	-	M, LB	-	-	-
R.253_A	NCA01_Residential	64	12	-	-	-	22	-	-	-	M, LB	-	-	-
R.254_A	NCA01_Residential	60	8	-	-	-	18	-	-	-	-	-	-	-
R.255_A	NCA01_Residential	58	6	-	-	-	16	-	-	-	-	-	-	-
R.256_A	NCA01_Residential	62	10	-	-	-	20	-	-	-	M, LB	-	-	-
R.257_A	NCA01_Residential	**79**	27	-	-	-	37	-	-	-	M, LB	-	-	-
R.258_A	NCA01_Residential	67	15	-	-	-	25	-	-	-	M, LB	-	-	-
R.259_A	NCA01_Residential	65	13	-	-	-	23	-	-	-	M, LB	-	-	-
R.260_A	NCA01_Residential	**79**	27	-	-	-	37	-	-	-	M, LB	-	-	-
R.261_A	NCA01_Residential	63	11	-	-	-	21	-	-	-	M, LB	-	-	-
R.262_A	NCA01_Residential	67	15	-	-	-	25	-	-	-	M, LB	-	-	-
R.263_A	NCA01_Residential	65	13	-	-	-	23	-	-	-	M, LB	-	-	-
R.264_A	NCA01_Residential	63	11	-	-	-	21	-	-	-	M, LB	-	-	-
R.265_A	NCA01_Residential	**75**	23	-	-	-	33	-	-	-	M, LB	-	-	-
R.266_A	NCA01_Residential	**78**	26	-	-	-	36	-	-	-	M, LB	-	-	-
R.267_A	NCA04_Residential	50	-1	-	-	-	-	-	-	-	-	-	-	-
R.268_A	NCA01_Residential	57	5	-	-	-	15	-	-	-	-	-	-	-
R.269_A	NCA01_Residential	51	-1	-	-	-	-	-	-	-	-	-	-	-
R.270_A	NCA01_Residential	**76**	24	-	-	-	34	-	-	-	M, LB	-	-	-
R.271_A	NCA02_Residential	55	3	-	-	-	13	-	-	-	-	-	-	-
R.272_A	NCA01_Residential	74	22	-	-	-	32	-	-	-	M, LB	-	-	-
R.273_A	NCA01_Residential	63	11	-	-	-	21	-	-	-	M, LB	-	-	-
R.274_A	NCA01_Residential	66	14	-	-	-	24	-	-	-	M, LB	-	-	-
R.275_A	NCA02_Residential	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.276_A	NCA01_Residential	64	12	-	-	-	22	-	-	-	M, LB	-	-	-
R.277_A	NCA01_Residential	61	9	-	-	-	19	-	-	-	-	-	-	-
R.278_A	NCA01_Residential	56	4	-	-	-	14	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	63	11	-	-	-	21	-	-	-	M, LB	-	-	-
R.280_A	NCA01_Residential	63	11	-	-	-	21	-	-	-	M, LB	-	-	-
R.281_A	NCA01_Residential	68	16	-	-	-	26	-	-	-	M, LB	-	-	-
R.282_A	NCA01_Residential	67	15	-	-	-	25	-	-	-	M, LB	-	-	-
R.283_A	NCA01_Residential	62	10	-	-	-	20	-	-	-	M, LB	-	-	-
R.284_A	NCA01_Residential	61	9	-	-	-	19	-	-	-	-	-	-	-
R.285_A	NCA01_Mixed Use	65	13	-	-	-	23	-	-	-	M, LB	-	-	-
R.286_A	NCA01_Residential	61	9	-	-	-	19	-	-	-	-	-	-	-
R.287_A	NCA01_Mixed Use	65	13	-	-	-	23	-	-	-	M, LB	-	-	-
R.288_A	NCA01_Residential	61	9	-	-	-	19	-	-	-	-	-	-	-
R.289_A	NCA01_Residential	62	10	-	-	-	20	-	-	-	M, LB	-	-	-
R.290_A	NCA01_Residential	62	10	-	-	-	20	-	-	-	M, LB	-	-	-
R.291_A	NCA02_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	51	-1	-	-	-	-	-	-	-	-	-	-	-
R.293_A	NCA01_Residential	60	8	-	-	-	18	-	-	-	-	-	-	-
R.294_A	NCA01_Mixed Use	65	13	-	-	-	23	-	-	-	M, LB	-	-	-
R.295_A	NCA01_Residential	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	56	-14	-	-	-	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	65	13	-	-	-	23	-	-	-	M, LB	-	-	-
R.298_A	NCA02_Residential	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.299_A	NCA01_Commercial	44	-26	-	-	-	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	65	13	-	-	-	23	-	-	-	M, LB	-	-	-
R.301_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.302_A	NCA01_Mixed Use	64	12	-	-	-	22	-	-	-	M, LB	-	-	-
R.303_A	NCA01_Mixed Use	64	12	-	-	-	22	-	-	-	M, LB	-	-	-
R.304_A	NCA01_Residential	55	3	-	-	-	13	-	-	-	-	-	-	-
R.305_A	NCA01_Mixed Use	64	12	-	-	-	22	-	-	-	M, LB	-	-	-
R.306_A	NCA01_Mixed Use	63	11	-	-	-	21	-	-	-	M, LB	-	-	-
R.307_A	NCA02_Residential	44	-8	-	-	-	-	-	-	-	-	-	-	-
R.308_A	NCA01_Mixed Use	63	11	-	-	-	21	-	-	-	M, LB	-	-	-
R.309_A	NCA01_Mixed Use	63	11	-	-	-	21	-	-	-	M, LB	-	-	-
R.310_A	NCA01_Mixed Use	60	8	-	-	-	18	-	-	-	-	-	-	-
R.311_A	NCA01_Residential	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.312_A	NCA01_Residential	60	8	-	-	-	18	-	-	-	-	-	-	-
R.313_A	NCA02_Residential	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	61	-9	-	-	-	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	49	-3	-	-	-	-	-	-	-	-	-	-	-
R.316_A	NCA01_Residential	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	61	9	-	-	-	19	-	-	-	-	-	-	-
R.318_A	NCA01_Residential	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	49	-21	-	-	-	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	61	9	-	-	-	19	-	-	-	-	-	-	-
R.324_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	61	9	-	-	-	19	-	-	-	-	-	-	-
R.327_A	NCA02_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	60	8	-	-	-	18	-	-	-	-	-	-	-
R.329_A	NCA01_Residential	57	5	-	-	-	15	-	-	-	-	-	-	-
R.330_A	NCA01_Mixed Use	60	8	-	-	-	18	-	-	-	-	-	-	-
R.331_A	NCA02_Residential	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	60	8	-	-	-	18	-	-	-	-	-	-	-
R.333_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.334_A	NCA01_Mixed Use	60	8	-	-	-	18	-	-	-	-	-	-	-
R.335_A	NCA01_Mixed Use	60	8	-	-	-	18	-	-	-	-	-	-	-
R.336_A	NCA01_Mixed Use	60	8	-	-	-	18	-	-	-	-	-	-	-
R.337_A	NCA01_Mixed Use	57	5	-	-	-	15	-	-	-	-	-	-	-
R.338_A	NCA04_Residential	46	-5	-	-	-	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	59	7	-	-	-	17	-	-	-	-	-	-	-
R.342_A	NCA01_Residential	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	42	-9	-	-	-	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	51	-1	-	-	-	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	56	4	-	-	-	14	-	-	-	-	-	-	-
R.348_A	NCA02_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-

Table D.1	Clearing and Grubbing for site establishment	SCN01	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.351_A	NCA01_Residential	52	0	-	-	-	-	-	-	-	-	-	-	-
R.352_A	NCA01_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.353_A	NCA01_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	56	4	-	-	-	14	-	-	-	-	-	-	-
R.355_A	NCA01_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	55	3	-	-	-	13	-	-	-	-	-	-	-
R.358_A	NCA01_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	56	1	-	-	-	14	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	55	3	-	-	-	13	-	-	-	-	-	-	-
R.368_A	NCA01_Residential	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	41	-10	-	-	-	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	51	-1	-	-	-	-	-	-	-	-	-	-	-
R.372_A	NCA02_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	44	-8	-	-	-	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	44	-8	-	-	-	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	44	-8	-	-	-	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	44	-7	-	-	-	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	44	-7	-	-	-	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	44	-7	-	-	-	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	54	2	-	-	-	12	-	-	-	-	-	-	-
R.383_A	NCA04_Residential	43	-8	-	-	-	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	43	-8	-	-	-	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.387_A	NCA01_Residential	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.388_A	NCA02_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	41	-10	-	-	-	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	49	-3	-	-	-	-	-	-	-	-	-	-	-
R.392_A	NCA01_Residential	44	-8	-	-	-	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	35	-20	-	-	-	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	49	-3	-	-	-	-	-	-	-	-	-	-	-
R.399_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	38	-21	-	-	-	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.403_A	NCA01_Residential	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.406_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.407_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.408_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.410_A	NCA01_Residential	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.411_A	NCA01_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.412_A	NCA01_Residential	44	-8	-	-	-	-	-	-	-	-	-	-	-
R.413_A	NCA04a_Residential	35	-24	-	-	-	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	32	-27	-	-	-	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	43	-16	-	-	-	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	41	-18	-	-	-	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	30	-29	-	-	-	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	42	-17	-	-	-	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	41	-18	-	-	-	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	30	-29	-	-	-	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	34	-25	-	-	-	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	31	-28	-	-	-	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	27	-32	-	-	-	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	31	-28	-	-	-	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	31	-28	-	-	-	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	32	-27	-	-	-	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	37	-22	-	-	-	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	29	-30	-	-	-	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	40	-19	-	-	-	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	30	-29	-	-	-	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	39	-31	-	-	-	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	36	-23	-	-	-	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	40	-19	-	-	-	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	37	-22	-	-	-	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	41	-29	-	-	-	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	33	-37	-	-	-	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	41	-34	-	-	-	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	40	-30	-	-	-	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	41	-29	-	-	-	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	42	-28	-	-	-	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	40	-30	-	-	-	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	39	-31	-	-	-	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	36	-34	-	-	-	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	36	-34	-	-	-	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	34	-36	-	-	-	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	29	-41	-	-	-	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	32	-38	-	-	-	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	39	-26	-	-	-	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	29	-41	-	-	-	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	22	-48	-	-	-	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	22	-48	-	-	-	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	29	-41	-	-	-	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	35	-30	-	-	-	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	23	-29	-	-	-	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	18	-34	-	-	-	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	23	-29	-	-	-	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	19	-33	-	-	-	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	38	-17	-	-	-	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	35	-16	-	-	-	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	18	-34	-	-	-	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	33	-18	-	-	-	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	27	-24	-	-	-	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	20	-32	-	-	-	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	33	-22	-	-	-	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	31	-39	-	-	-	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	18	-37	-	-	-	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	31	-39	-	-	-	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	25	-45	-	-	-	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	32	-23	-	-	-	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	19	-36	-	-	-	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-

Table D.1	Clearing and Grubbing for site establishment	SCN01	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.527_A	NCA06_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.529_A	NCA06_Commercial	34	-36	-	-	-	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	15	-55	-	-	-	-	-	-	-	-	-	-	-

Table D.2	Overhead Wiring Footings, Structures and Wiring	SCN02	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	33	-23	-18	-16	-9	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	43	-13	-8	-6	1	-	-	-	6	-	-	-	-
R.003_A	NCA03_Residential	33	-23	-18	-16	-9	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	23	-33	-28	-26	-19	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	44	-12	-7	-5	2	-	-	-	7	-	-	-	-
R.009_A	NCA03_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	40	-16	-11	-9	-2	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	45	-11	-6	-4	3	-	-	-	8	-	-	-	-
R.013_A	NCA03_Residential	36	-20	-15	-13	-6	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	38	-18	-13	-11	-4	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	24	-32	-27	-25	-18	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	24	-32	-27	-25	-18	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	25	-31	-26	-24	-17	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	25	-31	-26	-24	-17	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	33	-23	-18	-16	-9	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	56	-14	-14	-14	-14	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	51	-19	-19	-19	-19	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	57	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	54	-16	-16	-16	-16	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	57	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	46	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	57	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	53	-17	-17	-17	-17	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	60	-10	-10	-10	-10	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	42	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	55	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	62	-8	-8	-8	-8	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.103_A	NCA02_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	54	-16	-16	-16	-16	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	46	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	54	-1	-1	-1	-1	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, LB, PC, RO, SN
R.109_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.110_A	NCA01_Commercial	42	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.112_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.113_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.114_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, LB, PC, RO, SN
R.115_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.116_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.117_A	NCA01_Recreational	60	-5	-5	-5	-5	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.120_A	NCA02_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	54	3	8	9	15	13	13	14	20	-	LB	LB	M, LB, LB, PC, RO, SN
R.122_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, LB, LB, PC, RO, SN
R.123_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.124_A	NCA01_Recreational	62	-3	-3	-3	-3	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	56	-9	-9	-9	-9	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, LB, LB, PC, RO, SN
R.127_A	NCA01_Recreational	62	-3	-3	-3	-3	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, LB, LB, PC, RO, SN
R.129_A	NCA04_Residential	47	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.130_A	NCA04_Residential	46	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.131_A	NCA04_Residential	53	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.132_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.133_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.134_A	NCA01_Recreational	62	-3	-3	-3	-3	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.136_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.137_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.138_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.139_A	NCA02_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.141_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.142_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.143_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.144_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.145_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.146_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.147_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.148_A	NCA01_Commercial	62	-8	-8	-8	-8	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.150_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.151_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.152_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.153_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.154_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.155_A	NCA04_Residential	50	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.156_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.157_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.158_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.159_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.160_A	NCA02_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.161_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.162_A	NCA05_Residential	44	-29	-24	-21	-6	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.164_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.165_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.166_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.167_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.168_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.169_A	NCA01_Commercial	49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.171_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.172_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.173_A	NCA01_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.175_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.176_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-

Table D.2	Overhead Wiring Footings, Structures and Wiring	SCN02	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.178_A	NCA05_Mixed Use	47	-26	-21		-18	-	-	-	-	-	-	-	-
R.179_A	NCA01_Residential	64	12	17		18	24	27	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.180_A	NCA01_Residential	45	-7	-2		-1	5	-	-	-	10	-	-	-	M, LB
R.181_A	NCA01_Residential	50	-2	3		4	10	-	8	9	15	-	-	-	M, LB
R.182_A	NCA01_Residential	40	-12	-7		-6	0	-	-	-	-	-	-	-	-
R.183_A	NCA01_Commercial	38	-32	-32		-32	-	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	41	-11	-6		-5	1	-	-	-	6	-	-	-	-
R.185_A	NCA01_Residential	57	5	10		11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.186_A	NCA01_Residential	58	6	11		12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.187_A	NCA05_Residential	57	-16	-11		-8	7	-	-	-	12	-	-	-	M, LB
R.188_A	NCA02_Mixed Use	42	-10	-5		-4	2	-	-	-	7	-	-	-	-
R.189_A	NCA02_Residential	42	-10	-5		-4	2	-	-	-	7	-	-	-	-
R.190_A	NCA05_Residential	47	-26	-21		-18	-3	-	-	-	-	-	-	-	-
R.191_A	NCA04_Residential	38	-13	-8		-7	-1	-	-	-	-	-	-	-	-
R.192_A	NCA04_Residential	33	-18	-13		-12	-6	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	48	-25	-20		-17	-2	-	-	-	-	-	-	-	-
R.194_A	NCA05_Residential	47	-26	-21		-18	-3	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	50	-23	-18		-15	0	-	-	-	-	-	-	-	-
R.196_A	NCA05_Residential	48	-25	-20		-17	-2	-	-	-	-	-	-	-	-
R.197_A	NCA05_Residential	46	-27	-22		-19	-4	-	-	-	-	-	-	-	-
R.198_A	NCA05_Residential	54	-19	-14		-11	4	-	-	-	9	-	-	-	-
R.199_A	NCA01_Residential	35	-17	-12		-11	-5	-	-	-	-	-	-	-	-
R.200_A	NCA05_Residential	53	-20	-15		-12	3	-	-	-	8	-	-	-	-
R.201_A	NCA01_Residential	35	-17	-12		-11	-5	-	-	-	-	-	-	-	-
R.202_A	NCA05_Mixed Use	44	-29	-24		-21	-6	-	-	-	-	-	-	-	-
R.203_A	NCA04_Residential	41	-10	-5		-4	2	-	-	-	7	-	-	-	-
R.204_A	NCA05_Industrial	50	-25	-25		-25	-25	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	35	-17	-12		-11	-5	-	-	-	-	-	-	-	-
R.206_A	NCA01_Residential	37	-15	-10		-9	-3	-	-	-	-	-	-	-	-
R.207_A	NCA01_Residential	38	-14	-9		-8	-2	-	-	-	-	-	-	-	-
R.208_A	NCA05_Residential	49	-24	-19		-16	-1	-	-	-	-	-	-	-	-
R.209_A	NCA01_Residential	38	-14	-9		-8	-2	-	-	-	-	-	-	-	-
R.210_A	NCA01_Residential	34	-18	-13		-12	-6	-	-	-	-	-	-	-	-
R.211_A	NCA01_Residential	47	-5	0		1	7	-	-	6	12	-	-	-	M, LB
R.212_A	NCA01_Residential	31	-21	-16		-15	-9	-	-	-	-	-	-	-	-
R.213_A	NCA05_Industrial	46	-29	-29		-29	-29	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	31	-21	-16		-15	-9	-	-	-	-	-	-	-	-
R.215_A	NCA01_Residential	30	-22	-17		-16	-10	-	-	-	-	-	-	-	-
R.216_A	NCA01_Residential	47	-5	0		1	7	-	-	6	12	-	-	-	M, LB
R.217_A	NCA01_Residential	30	-22	-17		-16	-10	-	-	-	-	-	-	-	-
R.218_A	NCA05_Industrial	37	-38	-38		-38	-38	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	36	-39	-39		-39	-39	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	30	-22	-17		-16	-10	-	-	-	-	-	-	-	-
R.221_A	NCA01_Residential	33	-19	-14		-13	-7	-	-	-	-	-	-	-	-
R.222_A	NCA01_Residential	28	-24	-19		-18	-12	-	-	-	-	-	-	-	-
R.223_A	NCA05_Residential	41	-32	-27		-24	-9	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	35	-17	-12		-11	-5	-	-	-	-	-	-	-	-
R.225_A	NCA05_Place of Worship	41	-14	-14		-14	-14	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	29	-23	-18		-17	-11	-	-	-	-	-	-	-	-
R.227_A	NCA01_Residential	34	-18	-13		-12	-6	-	-	-	-	-	-	-	-
R.228_A	NCA01_Residential	29	-23	-18		-17	-11	-	-	-	-	-	-	-	-
R.229_A	NCA01_Residential	34	-18	-13		-12	-6	-	-	-	-	-	-	-	-
R.230_A	NCA01_Residential	33	-19	-14		-13	-7	-	-	-	-	-	-	-	-
R.231_A	NCA01_Residential	45	-7	-2		-1	5	-	-	-	10	-	-	-	M, LB
R.232_A	NCA01_Residential	31	-21	-16		-15	-9	-	-	-	-	-	-	-	-
R.233_A	NCA01_Residential	30	-22	-17		-16	-10	-	-	-	-	-	-	-	-
R.234_A	NCA04_Residential	39	-12	-7		-6	0	-	-	-	-	-	-	-	-
R.235_A	NCA01_Residential	28	-24	-19		-18	-12	-	-	-	-	-	-	-	-
R.236_A	NCA04_Residential	33	-18	-13		-12	-6	-	-	-	-	-	-	-	-
R.237_A	NCA01_Residential	28	-24	-19		-18	-12	-	-	-	-	-	-	-	-
R.238_A	NCA01_Residential	34	-18	-13		-12	-6	-	-	-	-	-	-	-	-
R.239_A	NCA01_Residential	43	-9	-4		-3	3	-	-	-	8	-	-	-	-
R.240_A	NCA01_Residential	27	-25	-20		-19	-13	-	-	-	-	-	-	-	-
R.241_A	NCA01_Residential	32	-20	-15		-14	-8	-	-	-	-	-	-	-	-
R.242_A	NCA01_Residential	29	-23	-18		-17	-11	-	-	-	-	-	-	-	-
R.243_A	NCA01_Residential	36	-16	-11		-10	-4	-	-	-	-	-	-	-	-
R.244_A	NCA01_Residential	33	-19	-14		-13	-7	-	-	-	-	-	-	-	-
R.245_A	NCA01_Residential	27	-25	-20		-19	-13	-	-	-	-	-	-	-	-
R.246_A	NCA01_Residential	30	-22	-17		-16	-10	-	-	-	-	-	-	-	-
R.247_A	NCA01_Residential	30	-22	-17		-16	-10	-	-	-	-	-	-	-	-
R.248_A	NCA01_Residential	30	-22	-17		-16	-10	-	-	-	-	-	-	-	-
R.249_A	NCA01_Residential	36	-16	-11		-10	-4	-	-	-	-	-	-	-	-
R.250_A	NCA01_Residential	41	-11	-6		-5	1	-	-	-	6	-	-	-	-
R.251_A	NCA01_Residential	29	-23	-18		-17	-11	-	-	-	-	-	-	-	-
R.252_A	NCA01_Residential	29	-23	-18		-17	-11	-	-	-	-	-	-	-	-
R.253_A	NCA01_Residential	34	-18	-13		-12	-6	-	-	-	-	-	-	-	-
R.254_A	NCA01_Residential	31	-21	-16		-15	-9	-	-	-	-	-	-	-	-
R.255_A	NCA01_Residential	31	-21	-16		-15	-9	-	-	-	-	-	-	-	-
R.256_A	NCA01_Residential	31	-21	-16		-15	-9	-	-	-	-	-	-	-	-
R.257_A	NCA01_Residential	38	-14	-9		-8	-2	-	-	-	-	-	-	-	-
R.258_A	NCA01_Residential	31	-21	-16		-15	-9	-	-	-	-	-	-	-	-
R.259_A	NCA01_Residential	29	-23	-18		-17	-11	-	-	-	-	-	-	-	-
R.260_A	NCA01_Residential	38	-14	-9		-8	-2	-	-	-	-	-	-	-	-
R.261_A	NCA01_Residential	29	-23	-18		-17	-11	-	-	-	-	-	-	-	-
R.262_A	NCA01_Residential	35	-17	-12		-11	-5	-	-	-	-	-	-	-	-
R.263_A	NCA01_Residential	29	-23	-18		-17	-11	-	-	-	-	-	-	-	-
R.264_A	NCA01_Residential	31	-21	-16		-15	-9	-	-	-	-	-	-	-	-
R.265_A	NCA01_Residential	28	-24	-19		-18	-12	-	-	-	-	-	-	-	-
R.266_A	NCA01_Residential	37	-15	-10		-9	-3	-	-	-	-	-	-	-	-
R.267_A	NCA04_Residential	29	-22	-17		-16	-10	-	-	-	-	-	-	-	-
R.268_A	NCA01_Residential	31	-21	-16		-15	-9	-	-	-	-	-	-	-	-
R.269_A	NCA01_Residential	33	-19	-14		-13	-7	-	-	-	-	-	-	-	-
R.270_A	NCA01_Residential	36	-16	-11		-10	-4	-	-	-	-	-	-	-	-
R.271_A	NCA02_Residential	38	-14	-9		-8	-2	-	-	-	-	-	-	-	-
R.272_A	NCA01_Residential	36	-16	-11		-10	-4	-	-	-	-	-	-	-	-
R.273_A	NCA01_Residential	36	-16	-11		-10	-4	-	-	-	-	-	-	-	-
R.274_A	NCA01_Residential	26	-26	-21		-20	-14	-	-	-	-	-	-	-	-
R.275_A	NCA02_Residential	39	-13	-8		-7	-1	-	-	-	-	-	-	-	-
R.276_A	NCA01_Residential	28	-24	-19		-18	-12	-	-	-	-	-	-	-	-
R.277_A	NCA01_Residential	39	-13	-8		-7	-1	-	-	-	-	-	-	-	-
R.278_A	NCA01_Residential	32	-20	-15		-14	-8	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	27	-25	-20		-19	-13	-	-	-	-	-	-	-	-
R.280_A	NCA01_Residential	28	-24	-19		-18	-12	-	-	-	-	-	-	-	-
R.281_A	NCA01_Residential	28	-24	-19		-18	-12	-	-	-	-	-	-	-	-
R.282_A	NCA01_Residential	37	-15	-10		-9	-3	-	-	-	-	-	-	-	-
R.283_A	NCA01_Residential	26	-26	-21		-20	-14	-	-	-	-	-	-	-	-
R.284_A	NCA01_Residential	26	-26	-21		-20	-14	-	-	-	-	-	-	-	-
R.285_A	NCA01_Mixed Use	35	-17	-12		-11	-5	-	-	-	-	-	-	-	-
R.286_A	NCA01_Residential	27	-25	-20		-19	-13	-	-	-	-	-	-	-	-
R.287_A	NCA01_Mixed Use	36	-16	-11		-10	-4	-	-	-	-	-	-	-	-
R.288_A	NCA01_Residential	27	-25	-20		-19	-13	-	-	-	-	-	-	-	-
R.289_A	NCA01_Residential	28	-24	-19		-18	-12	-	-	-	-	-	-	-	-
R.290_A	NCA01_Residential	27	-25	-20		-19	-13	-	-	-	-	-	-	-	-
R.291_A	NCA02_Residential	29	-23	-18		-17	-11	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	35	-17	-12		-11	-5	-	-	-	-	-	-	-	-
R.293_A	NCA01_Residential	26	-26	-21		-20	-14	-	-	-	-	-	-	-	-
R.294_A	NCA01_Mixed Use	38	-14	-9		-8	-2	-	-	-	-	-	-	-	-
R.295_A	NCA01_Residential	28	-24	-19		-18	-12	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	25	-45	-45		-45	-45	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	37	-15	-10		-9	-3	-	-	-	-	-	-	-	-
R.298_A	NCA02_Residential	40	-12	-7		-6	0	-	-	-	-	-	-	-	-
R.299_A	NCA01_Commercial	29	-41	-41		-41	-41	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	38	-14	-9		-8	-2	-	-	-	-	-	-	-	-
R.301_A	NCA01_Residential	29	-23	-18		-17	-11	-	-	-	-	-	-	-	-
R.302_A	NCA01_Mixed Use	38	-14	-9		-8	-2	-	-	-	-	-	-	-	-
R.303_A	NCA01_Mixed Use	37	-15	-10		-9	-3	-	-	-	-	-	-	-	-
R.304_A	NCA01_Residential	39	-13	-8		-7	-1	-	-	-	-	-	-	-	-
R.305_A	NCA01_Mixed Use	37	-15	-10		-9	-3	-	-	-	-	-	-	-	-
R.306_A	NCA01_Mixed Use	37	-15	-10		-9	-3	-	-	-	-	-	-	-	-
R.307_A	NCA02_Residential	41	-11	-6		-5	1	-	-	-	6	-	-	-	-
R.308_A	NCA01_Mixed Use	37	-15	-10		-9	-3	-	-	-	-	-	-	-	-
R.309_A	NCA01_Mixed Use	37	-15	-10		-9	-3	-	-	-	-	-	-	-	-
R.310_A	NCA01_Mixed Use	35	-17	-12		-11	-5	-	-	-	-	-	-	-	-
R.311_A	NCA01_Residential	30	-22	-17		-16	-10	-	-	-	-	-	-	-	-
R.312_A	NCA01_Residential	38	-14	-9		-8	-2	-	-	-	-	-	-	-	-
R.313_A	NCA02_Residential	24	-28	-23		-22	-16	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	36	-34	-34		-34	-34	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	30	-22	-17		-16	-10	-	-	-	-	-	-	-	-
R.316_A	NCA01_Residential	29	-23	-18		-17	-11	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	37	-15	-10		-9	-3	-	-	-	-	-	-	-	-
R.318_A	NCA01_Residential	29	-23	-18		-17	-11	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	29	-41	-41		-41	-41	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	29	-23	-18		-17	-11	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	28	-24	-19		-18	-12	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	22	-30	-25		-24	-18	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	37	-15	-10		-9	-3	-	-	-	-	-	-	-	-
R.324_A	NCA01_Residential	28	-24	-19		-18	-12	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	28	-24	-19		-18	-12	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	37	-15	-10		-9	-3	-	-	-	-	-	-	-	-
R.327_A	NCA02_Residential	38	-14	-9		-8	-2	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	37	-15	-10		-9	-3	-	-	-	-	-	-	-	-
R.329_A	NCA01_Residential	37	-15	-10		-9	-3	-	-	-	-	-	-	-	-
R.330_A	NCA01_Mixed Use	37	-15	-10		-9	-3	-	-	-	-	-	-	-	-
R.331_A	NCA02_Residential	32	-20	-15		-14	-8	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	37	-15	-10		-9	-3	-	-	-	-	-	-	-	-
R.333_A	NCA01_Residential	28	-24	-19		-18	-12	-	-	-	-	-	-	-	-
R.334_A	NCA01_Mixed Use	36	-16	-11		-10	-4	-	-	-	-	-	-	-	-
R.335_A	NCA01_Mixed Use	36	-16	-11		-10	-4	-	-	-	-	-	-	-	-
R.336_A	NCA01_Mixed Use	36	-16	-11		-10	-4	-	-	-	-	-	-	-	-
R.337_A	NCA01_Mixed Use	33	-19	-14		-13	-7	-	-	-	-	-	-	-	-
R.338_A	NCA04_Residential	26	-25	-20		-19	-13	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	21	-31	-26		-25	-19	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	38	-14	-9		-8	-2	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	35	-17	-12		-11	-5	-	-	-	-	-	-	-	-
R.342_A	NCA01_Residential	29	-23	-18		-17	-11	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	26	-25	-20		-19	-13	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	29	-23	-18		-17	-11	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	29	-23	-18		-17	-11	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	29	-23	-18		-17	-11	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	34	-18	-13		-12	-6	-	-	-	-	-	-	-	-
R.348_A	NCA02_Residential	24	-28	-23		-22	-16	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	28	-24	-19		-18	-12	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	28	-24	-19		-18	-12	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	35	-17	-12		-11	-5	-	-	-	-	-	-	-	-
R.352_A	NCA01_Residential	24	-28	-23		-22	-16	-	-	-	-	-	-	-	-

Table D.2	Overhead Wiring Footings, Structures and Wiring	SCN02	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.355_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.358_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	35	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.368_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	29	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.372_A	NCA02_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	25	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	26	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	26	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.383_A	NCA04_Residential	26	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	26	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.387_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.388_A	NCA02_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	30	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.392_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	24	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.399_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.403_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.406_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.407_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.408_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.410_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.411_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.412_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.413_A	NCA04a_Residential	20	-39	-34	-31	-26	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	20	-39	-34	-31	-26	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	17	-42	-37	-34	-29	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	15	-44	-39	-36	-31	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	17	-42	-37	-34	-29	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	21	-38	-33	-30	-25	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	18	-41	-36	-33	-28	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	20	-39	-34	-31	-26	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	19	-40	-35	-32	-27	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	20	-39	-34	-31	-26	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	29	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	30	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	19	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	29	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	25	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	26	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	11	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	22	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	9	-46	-41	-41	-34	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	12	-43	-38	-38	-31	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	9	-46	-41	-41	-34	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-

Table D.2	Overhead Wiring Footings, Structures and Wiring	SCN02	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-

Table D.3	Drainage System Installation	SCN03	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	17	-39	-34	-32	-25	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	15	-41	-36	-34	-27	-	-	-	-	-	-	-	-
R.003_A	NCA03_Residential	18	-38	-33	-31	-24	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	15	-41	-36	-34	-27	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	18	-38	-33	-31	-24	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	18	-38	-33	-31	-24	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	17	-39	-34	-32	-25	-	-	-	-	-	-	-	-
R.009_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	18	-38	-33	-31	-24	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	17	-39	-34	-32	-25	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	17	-39	-34	-32	-25	-	-	-	-	-	-	-	-
R.013_A	NCA03_Residential	32	-24	-19	-17	-10	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	19	-37	-32	-30	-23	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	17	-39	-34	-32	-25	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	19	-37	-32	-30	-23	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	16	-40	-35	-33	-26	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	16	-40	-35	-33	-26	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	16	-40	-35	-33	-26	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	17	-39	-34	-32	-25	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	26	-30	-25	-23	-16	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.094_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.095_A	NCA01_Residential	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.103_A	NCA02_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	29	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.109_A	NCA04_Residential	23	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.115_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.117_A	NCA01_Recreational	34	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	32	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.122_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.123_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	25	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	31	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.127_A	NCA01_Recreational	27	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.129_A	NCA04_Residential	30	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.130_A	NCA04_Residential	29	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.131_A	NCA04_Residential	30	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.132_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.134_A	NCA01_Recreational	40	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.136_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.137_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.138_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.139_A	NCA02_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.141_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.142_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.143_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.144_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.145_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.146_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.147_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.148_A	NCA01_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.150_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.151_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.152_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.153_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.154_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.155_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.156_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.157_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.158_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.159_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.160_A	NCA02_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.161_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.162_A	NCA05_Residential	39	-34	-29	-26	-11	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.164_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.165_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.166_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.167_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.168_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.169_A	NCA01_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.171_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.172_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.173_A	NCA01_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.175_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	LB	LB	M, LB	
R.176_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-

Table D.3	Drainage System Installation	SCN03	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.178_A	NCA05_Mixed Use	43	-30	-25	-22	-7	-	-	-	-	-	-	-	-
R.179_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.180_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.181_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.182_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.183_A	NCA01_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.185_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.186_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.187_A	NCA05_Residential	53	-20	-15	-12	3	-	-	-	8	-	-	-	-
R.188_A	NCA02_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.189_A	NCA02_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.190_A	NCA05_Residential	44	-29	-24	-21	-6	-	-	-	-	-	-	-	-
R.191_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.192_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	50	-23	-18	-15	0	-	-	-	-	-	-	-	-
R.194_A	NCA05_Residential	41	-32	-27	-24	-9	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	64	-9	-4	-1	14	-	-	-	19	-	-	-	M, LB
R.196_A	NCA05_Residential	53	-20	-15	-12	3	-	-	-	8	-	-	-	-
R.197_A	NCA05_Residential	58	-15	-10	-7	8	-	-	-	13	-	-	-	M, LB
R.198_A	NCA05_Residential	63	-10	-5	-2	13	-	-	-	18	-	-	-	M, LB
R.199_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.200_A	NCA05_Residential	48	-25	-20	-17	-2	-	-	-	-	-	-	-	-
R.201_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.202_A	NCA05_Mixed Use	73	0	5	8	23	-	10	13	29	-	LB	LB	M, IB, LB, PC, RO, SN
R.203_A	NCA04_Residential	52	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.204_A	NCA05_Industrial	44	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.206_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.207_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.208_A	NCA05_Residential	67	-6	-1	2	17	-	-	7	22	-	-	-	M, IB, LB, PC, RO, SN
R.209_A	NCA01_Residential	67	15	20	21	27	25	25	26	32	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.210_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.211_A	NCA01_Residential	70	18	23	24	30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.212_A	NCA01_Residential	73	21	26	27	33	31	31	32	38	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.213_A	NCA05_Industrial	45	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.215_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.216_A	NCA01_Residential	71	19	24	25	31	29	29	30	36	M, LB	M, LB	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.217_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.218_A	NCA05_Industrial	40	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	47	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	66	14	19	20	26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.221_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.222_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.223_A	NCA05_Residential	39	-34	-29	-26	-11	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.225_A	NCA05_Place of Worship	37	-18	-18	-18	-18	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	76	24	29	30	36	34	34	35	41	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.227_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.228_A	NCA01_Residential	71	19	24	25	31	29	29	30	36	M, LB	M, LB	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.229_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.230_A	NCA01_Residential	72	20	25	26	32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.231_A	NCA01_Residential	73	21	26	27	33	31	31	32	38	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.232_A	NCA01_Residential	79	27	32	33	39	37	37	38	44	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.233_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.234_A	NCA04_Residential	56	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.235_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.236_A	NCA04_Residential	44	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.237_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.238_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.239_A	NCA01_Residential	75	23	28	29	35	33	33	34	40	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.240_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.241_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.242_A	NCA01_Residential	74	22	27	28	34	32	32	33	39	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.243_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.244_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.245_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.246_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.247_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.248_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.249_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.250_A	NCA01_Residential	70	18	23	24	30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.251_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.252_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.253_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.254_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.255_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.256_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.257_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.258_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.259_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.260_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.261_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.262_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.263_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.264_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.265_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.266_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.267_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.268_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.269_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.270_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.271_A	NCA02_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.272_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.273_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.274_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.275_A	NCA02_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.276_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.277_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.278_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.279_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.280_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.281_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.282_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.283_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.284_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.285_A	NCA01_Mixed Use	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.286_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.287_A	NCA01_Mixed Use	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.288_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.289_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.290_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.291_A	NCA02_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.292_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.293_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.294_A	NCA01_Mixed Use	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.295_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	42	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.298_A	NCA02_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.299_A	NCA01_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.301_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.302_A	NCA01_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.303_A	NCA01_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.304_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.305_A	NCA01_Mixed Use	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.306_A	NCA01_Mixed Use	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.307_A	NCA02_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.308_A	NCA01_Mixed Use	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.309_A	NCA01_Mixed Use	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.310_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.311_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.312_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.313_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	52	-18	-18	-18	-18	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.316_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.318_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	42	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.324_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.327_A	NCA02_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.329_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.330_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.331_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.333_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.334_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.335_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.336_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.337_A	NCA01_Mixed Use	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.338_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.342_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.346_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.348_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.352_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-

Table D.3	Drainage System Installation	SCN03	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.355_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.358_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	46	-9	-9	-9	-9	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.368_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.372_A	NCA02_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.383_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.387_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.388_A	NCA02_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.392_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	26	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.399_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.403_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.404_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.406_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.407_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.408_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.409_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.410_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.411_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.412_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.413_A	NCA04a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	36	-23	-18	-15	-10	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	19	-40	-35	-32	-27	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	33	-26	-21	-18	-13	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	33	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	32	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	29	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	32	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	28	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	27	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	21	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	27	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	11	-44	-39	-39	-32	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	26	-29	-24	-24	-17	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	11	-44	-39	-39	-32	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-

Table D.3	Drainage System Installation	SCN03	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-

Table D.4	Track Slew or Switch	SCN04	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	36	-20	-15	-13	-6	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	46	-10	-5	-3	4	-	-	-	9	-	-	-	-
R.003_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	26	-30	-25	-23	-16	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	30	-26	-21	-19	-12	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	31	-25	-20	-18	-11	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	46	-10	-5	-3	4	-	-	-	9	-	-	-	-
R.009_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	31	-25	-20	-18	-11	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	41	-15	-10	-8	-1	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	48	-8	-3	-1	6	-	-	-	11	-	-	-	M, LB
R.013_A	NCA03_Residential	35	-21	-16	-14	-7	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	30	-26	-21	-19	-12	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	36	-20	-15	-13	-6	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	50	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	31	-25	-20	-18	-11	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	31	-25	-20	-18	-11	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	50	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	42	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	55	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	50	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	57	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	54	-16	-16	-16	-16	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	57	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	56	-14	-14	-14	-14	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	53	-17	-17	-17	-17	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	56	-14	-14	-14	-14	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	45	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.095_A	NCA01_Residential	55	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	55	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.103_A	NCA02_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	56	1	1	1	1	14	14	-	-	-	LB	-	-
R.108_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.109_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	45	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.112_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.113_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.114_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.115_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.116_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.117_A	NCA01_Recreational	61	-4	-4	-4	-4	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.120_A	NCA02_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.121_A	NCA04_Residential	57	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.122_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.123_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.124_A	NCA01_Recreational	65	0	0	0	0	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	59	-6	-6	-6	-6	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.127_A	NCA01_Recreational	66	1	1	1	1	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.128_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.129_A	NCA04_Residential	52	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.130_A	NCA04_Residential	51	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.131_A	NCA04_Residential	56	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.132_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.133_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.134_A	NCA01_Recreational	66	1	1	1	1	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.135_A	NCA02_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.136_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.137_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.138_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.139_A	NCA02_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.140_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.141_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.142_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.143_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.144_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.145_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.146_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.147_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.148_A	NCA01_Commercial	67	-3	-3	-3	-3	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.150_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.151_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.152_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.153_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.154_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.155_A	NCA04_Residential	54	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.156_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.157_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.158_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.159_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.160_A	NCA02_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.161_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.162_A	NCA05_Residential	48	-25	-20	-17	-2	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.164_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.165_A	NCA01_Residential	67	15	20	21	27	25	25	26	32	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.166_A	NCA02_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.167_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.168_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.169_A	NCA01_Commercial	53	-17	-17	-17	-17	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.171_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.172_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.173_A	NCA01_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.175_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.176_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB

Table D.4	Track Slew or Switch	SCN04	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.178_A	NCA05_Mixed Use	54	-19	-14	-11	4	-	-	-	9	-	-	-	-
R.179_A	NCA01_Residential	76	24	29	30	36	34	34	35	41	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.180_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.181_A	NCA01_Residential	70	18	23	24	30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.182_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.183_A	NCA01_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	53	-1	1	6	7	11	11	12	18	-	LB	LB	M, LB
R.185_A	NCA01_Residential	72	20	25	26	32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.186_A	NCA01_Residential	74	22	27	28	34	32	32	33	39	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.187_A	NCA05_Residential	73	0	5	8	23	-	10	13	28	-	LB	LB	M, IB, LB, PC, RO, SN
R.188_A	NCA02_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.189_A	NCA02_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.190_A	NCA05_Residential	55	-18	-13	-10	5	-	-	-	10	-	-	-	M, LB
R.191_A	NCA04_Residential	44	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.192_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	60	-13	-8	-5	10	-	-	-	19	-	-	-	M, LB
R.194_A	NCA05_Residential	53	-20	-15	-12	3	-	-	-	8	-	-	-	-
R.195_A	NCA05_Residential	71	-2	3	6	21	-	8	11	26	-	-	LB	M, IB, LB, PC, RO, SN
R.196_A	NCA05_Residential	58	-15	-10	-7	8	-	-	-	13	-	-	-	M, LB
R.197_A	NCA05_Residential	61	-12	-7	-4	11	-	-	-	16	-	-	-	M, LB
R.198_A	NCA05_Residential	66	-7	-2	1	16	-	-	6	21	-	-	-	M, IB, LB, PC, RO, SN
R.199_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.200_A	NCA05_Residential	59	-14	-9	-6	9	-	-	-	14	-	-	-	M, LB
R.201_A	NCA01_Residential	54	-2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.202_A	NCA05_Residential	72	-1	4	7	22	-	9	12	22	-	-	LB	M, IB, LB, PC, RO, SN
R.203_A	NCA04_Residential	46	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.204_A	NCA05_Industrial	55	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.206_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.207_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.208_A	NCA05_Residential	63	-10	-5	-2	13	-	-	-	18	-	-	-	M, LB
R.209_A	NCA01_Residential	67	15	20	21	27	25	25	26	32	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.210_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.211_A	NCA01_Residential	66	14	19	20	26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.212_A	NCA01_Residential	66	14	19	20	26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.213_A	NCA05_Industrial	51	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.215_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.216_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.217_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.218_A	NCA05_Industrial	44	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	46	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.221_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.222_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.223_A	NCA05_Residential	44	-29	-24	-21	-6	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.225_A	NCA05_Place of Worship	46	-9	-9	-9	-9	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.227_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.228_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.229_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.230_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.231_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.232_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.233_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.234_A	NCA04_Residential	44	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.235_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.236_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.237_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.238_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.239_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.240_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.241_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.242_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.243_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.244_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.245_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.246_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.247_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.248_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.249_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.250_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.251_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.252_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.253_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.254_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.255_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.256_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.257_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.258_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.259_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.260_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.261_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.262_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.263_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.264_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.265_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.266_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.267_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.268_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.269_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.270_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.271_A	NCA02_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.272_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.273_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.274_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.275_A	NCA02_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.276_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.277_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.278_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.280_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.281_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.282_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.283_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.284_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.285_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.286_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.287_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.288_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.289_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.290_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.291_A	NCA02_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.293_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.294_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.295_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.298_A	NCA02_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.299_A	NCA01_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.301_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.302_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.303_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.304_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.305_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.306_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.307_A	NCA02_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.308_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.309_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.310_A	NCA01_Mixed Use	46	-6	-1	0	6	-	-	-	13	-	-	-	M, LB
R.311_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.312_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.313_A	NCA02_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.316_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.318_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.324_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.327_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.328_A	NCA01_Mixed Use	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.329_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.330_A	NCA01_Mixed Use	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.331_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.333_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.334_A	NCA01_Mixed Use	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.335_A	NCA01_Mixed Use	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.336_A	NCA01_Mixed Use	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.337_A	NCA01_Mixed Use	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.338_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.341_A	NCA01_Mixed Use	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.342_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	32	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.348_A	NCA02_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.352_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-

Table D.4	Track Slew or Switch	SCN04	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	2	-	-	-	-
R.355_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	2	-	-	-	-
R.358_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	42	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.368_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	2	-	-	-	-
R.372_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	32	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	33	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	33	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	2	-	-	-	-
R.383_A	NCA04_Residential	33	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	33	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.387_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.388_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.392_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	30	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.399_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.403_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.406_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.407_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.408_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.410_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.411_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.412_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.413_A	NCA04a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	33	-26	-21	-18	-13	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	33	-26	-21	-18	-13	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	34	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	35	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	27	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	35	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	31	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	31	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	24	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	28	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	15	-40	-35	-35	-28	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	24	-31	-26	-26	-19	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	16	-39	-34	-34	-27	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-

Table D.4	Track Slew or Switch	SCN04	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-

Table D.5	Removal of existing Tracks	SCN05	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	37	-19	-14	-12	-5	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	46	-10	-5	-3	4	-	-	-	9	-	-	-	-
R.003_A	NCA03_Residential	37	-19	-14	-12	-5	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	31	-25	-20	-18	-11	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	33	-23	-18	-16	-9	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	47	-9	-4	-2	5	-	-	-	10	-	-	-	M, LB
R.009_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	33	-23	-18	-16	-9	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	43	-13	-8	-6	1	-	-	-	6	-	-	-	-
R.012_A	NCA03_Residential	48	-8	-3	-1	6	-	-	-	11	-	-	-	M, LB
R.013_A	NCA03_Residential	40	-16	-11	-9	-2	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	31	-25	-20	-18	-11	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	42	-14	-9	-7	0	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	50	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	31	-25	-20	-18	-11	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	33	-23	-18	-16	-9	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	31	-25	-20	-18	-11	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	37	-19	-14	-12	-5	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	51	-19	-19	-19	-19	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	42	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	59	-11	-11	-11	-11	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	54	-16	-16	-16	-16	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	45	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	53	-17	-17	-17	-17	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	60	-10	-10	-10	-10	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	58	-12	-12	-12	-12	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	60	-10	-10	-10	-10	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	50	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	61	-9	-9	-9	-9	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	57	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	64	-6	-6	-6	-6	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	42	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	59	-11	-11	-11	-11	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	67	-3	-3	-3	-3	-	-	-	-	-	-	-	-
R.097_A	NCA03_Residential	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.103_A	NCA02_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	62	-8	-8	-8	-8	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	53	-17	-17	-17	-17	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	57	2	2	2	2	15	15	-	-	LB	-	-	-
R.108_A	NCA01_Residential	67	15	20	21	27	25	25	26	32	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.109_A	NCA04_Residential	46	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.110_A	NCA01_Commercial	46	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.112_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.113_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.114_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.115_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.116_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.117_A	NCA01_Recreational	64	-1	-1	-1	-1	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.120_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	9	-	-	-	-
R.121_A	NCA04_Residential	56	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.122_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.123_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.124_A	NCA01_Recreational	65	0	0	0	0	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	59	-6	-6	-6	-6	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.127_A	NCA01_Recreational	65	0	0	0	0	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.129_A	NCA04_Residential	50	-1	4	5	11	-	8	9	16	-	-	LB	M, LB
R.130_A	NCA04_Residential	49	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.131_A	NCA04_Residential	56	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.132_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.133_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.134_A	NCA01_Recreational	64	-1	-1	-1	-1	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.136_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.137_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.138_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.139_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.140_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.141_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.142_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.143_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.144_A	NCA01_Residential	67	15	20	21	27	25	25	26	32	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.145_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.146_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.147_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.148_A	NCA01_Commercial	65	-5	-5	-5	-5	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.150_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.151_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.152_A	NCA01_Residential	67	15	20	21	27	25	25	26	32	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.153_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.154_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.155_A	NCA04_Residential	54	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.156_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.157_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.158_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.159_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.160_A	NCA02_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.161_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.162_A	NCA05_Residential	48	-25	-20	-17	-2	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.164_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.165_A	NCA01_Residential	66	14	19	20	26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.166_A	NCA02_Residential	46	-6	-1	0	6	-	-	-	13	-	-	-	M, LB
R.167_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.168_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.169_A	NCA01_Commercial	53	-17	-17	-17	-17	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	67	15	20	21	27	25	25	26	32	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.171_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.172_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.173_A	NCA01_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.175_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.176_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB

Table D.5	Removal of existing Tracks	SCN05	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.178_A	NCA05_Mixed Use	53	-20	-15	-12	3	-	-	-	8	-	-	-	-
R.179_A	NCA01_Residential	75	23	28	29	35	33	33	34	40	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.180_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.181_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.182_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.183_A	NCA01_Commercial	46	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.185_A	NCA01_Residential	71	19	24	25	31	29	29	30	36	M, LB	M, LB	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.186_A	NCA01_Residential	72	20	25	26	32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.187_A	NCA05_Residential	71	-2	3	6	21	-	8	11	26	-	-	LB	M, IB, LB, PC, RO, SN
R.188_A	NCA02_Mixed Use	48	-4	1	2	8	-	-	7	13	-	-	-	M, LB
R.189_A	NCA02_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.190_A	NCA05_Residential	55	-18	-13	-10	5	-	-	-	10	-	-	-	M, LB
R.191_A	NCA04_Residential	44	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.192_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	59	-14	-9	-6	9	-	-	-	14	-	-	-	M, LB
R.194_A	NCA05_Residential	52	-21	-16	-13	2	-	-	-	7	-	-	-	-
R.195_A	NCA05_Residential	69	-4	1	4	19	-	6	9	24	-	-	-	M, IB, LB, PC, RO, SN
R.196_A	NCA05_Residential	57	-16	-11	-8	7	-	-	-	12	-	-	-	M, LB
R.197_A	NCA05_Residential	59	-14	-9	-6	9	-	-	-	14	-	-	-	M, LB
R.198_A	NCA05_Residential	65	-8	-3	0	15	-	-	-	20	-	-	-	M, IB, LB, PC, RO, SN
R.199_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.200_A	NCA05_Residential	58	-15	-10	-7	8	-	-	-	13	-	-	-	M, LB
R.201_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.202_A	NCA05_Mixed Use	69	-4	1	4	19	-	6	9	24	-	-	-	M, IB, LB, PC, RO, SN
R.203_A	NCA04_Residential	51	0	5	6	12	-	10	13	17	-	LB	LB	M, LB
R.204_A	NCA05_Industrial	54	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.206_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.207_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.208_A	NCA05_Residential	63	-10	-5	-2	13	-	-	-	18	-	-	-	M, LB
R.209_A	NCA01_Residential	67	15	20	21	27	25	25	26	32	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.210_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.211_A	NCA01_Residential	67	15	20	21	27	25	25	26	32	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.212_A	NCA01_Residential	70	18	23	24	30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.213_A	NCA05_Industrial	50	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.215_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.216_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.217_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.218_A	NCA05_Industrial	43	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	46	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.221_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.222_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.223_A	NCA05_Residential	45	-28	-23	-20	-5	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.225_A	NCA05_Place of Worship	45	-10	-10	-10	-10	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	72	20	25	26	32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.227_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.228_A	NCA01_Residential	66	14	19	20	26	24	24	25	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.229_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.230_A	NCA01_Residential	66	14	19	20	26	24	24	25	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.231_A	NCA01_Residential	72	20	25	26	32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.232_A	NCA01_Residential	71	19	24	25	31	29	29	30	36	M, LB	M, LB	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.233_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.234_A	NCA04_Residential	56	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.235_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.236_A	NCA04_Residential	44	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.237_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.238_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.239_A	NCA01_Residential	72	20	25	26	32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.240_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.241_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.242_A	NCA01_Residential	71	19	24	25	31	29	29	30	36	M, LB	M, LB	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.243_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.244_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.245_A	NCA01_Residential	66	14	19	20	26	24	24	25	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.246_A	NCA01_Residential	61	9	14	15	21	19	19	20	28	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.247_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.248_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.249_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.250_A	NCA01_Residential	73	21	26	27	33	31	31	32	38	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.251_A	NCA01_Residential	72	20	25	26	32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.252_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.253_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.254_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.255_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.256_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.257_A	NCA01_Residential	72	20	25	26	32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.258_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.259_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.260_A	NCA01_Residential	72	20	25	26	32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.261_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.262_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.263_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.264_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.265_A	NCA01_Residential	66	14	19	20	26	24	24	25	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.266_A	NCA01_Residential	72	20	25	26	32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.267_A	NCA04_Residential	43	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.268_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.269_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.270_A	NCA01_Residential	72	20	25	26	32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.271_A	NCA02_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.272_A	NCA01_Residential	70	18	23	24	30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.273_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.274_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.275_A	NCA02_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.276_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.277_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.278_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.279_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.280_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.281_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.282_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.283_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.284_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.285_A	NCA01_Mixed Use	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.286_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.287_A	NCA01_Mixed Use	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.288_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.289_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.290_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.291_A	NCA02_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.293_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.294_A	NCA01_Mixed Use	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.295_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.298_A	NCA02_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.299_A	NCA01_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.301_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.302_A	NCA01_Mixed Use	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.303_A	NCA01_Mixed Use	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.304_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.305_A	NCA01_Mixed Use	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.306_A	NCA01_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.307_A	NCA02_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.308_A	NCA01_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.309_A	NCA01_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.310_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.311_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.312_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.313_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	53	-17	-17	-17	-17	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.316_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.317_A	NCA01_Mixed Use	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.318_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.319_A	NCA01_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.321_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.322_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.323_A	NCA05_Mixed Use	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.324_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.325_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.326_A	NCA01_Mixed Use	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.327_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.328_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.329_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.330_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.331_A	NCA02_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.333_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.334_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.335_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.336_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.337_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.338_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	-	-	-	-	-
R.341_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	LB	M, LB	M, LB
R.342_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.343_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.345_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.346_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.347_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.348_A	NCA02_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.352_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-

Table D.5	Removal of existing Tracks	SCN05	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.355_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.358_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	48	-7	-7	-7	-7	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.368_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.372_A	NCA02_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.383_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.387_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.388_A	NCA02_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.392_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	31	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.399_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.403_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.404_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.406_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.407_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.408_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.409_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.410_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.411_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.412_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.413_A	NCA04a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.415_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	37	-22	-17	-14	-9	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	36	-23	-18	-15	-10	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	36	-23	-18	-15	-10	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	36	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	36	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	29	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	35	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	32	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	31	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	23	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	28	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	16	-39	-34	-34	-27	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	26	-29	-24	-24	-17	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	16	-39	-34	-34	-27	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-

Table D.5	Removal of existing Tracks	SCN05	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-

Table D.6	HV Electrical Works	SCN06	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	33	-23	-18	-16	-9	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	44	-12	-7	-5	2	-	-	-	2	-	-	-	-
R.003_A	NCA03_Residential	35	-21	-16	-14	-7	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	24	-32	-27	-25	-18	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	44	-12	-7	-5	2	-	-	-	2	-	-	-	-
R.009_A	NCA03_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	30	-26	-21	-19	-12	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	41	-15	-10	-8	-1	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	45	-11	-6	-4	3	-	-	-	3	-	-	-	-
R.013_A	NCA03_Residential	37	-19	-14	-12	-5	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	40	-16	-11	-9	-2	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	25	-31	-26	-24	-17	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	30	-26	-21	-19	-12	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	25	-31	-26	-24	-17	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	34	-22	-17	-15	-8	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	56	-14	-14	-14	-14	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	51	-19	-19	-19	-19	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	42	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	50	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	57	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	55	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	57	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	46	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	58	-12	-12	-12	-12	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	54	-16	-16	-16	-16	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	61	-9	-9	-9	-9	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	45	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	56	-14	-14	-14	-14	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	64	-6	-6	-6	-6	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.103_A	NCA02_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	59	-11	-11	-11	-11	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	51	-19	-19	-19	-19	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	55	0	0	0	0	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.109_A	NCA04_Residential	43	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.110_A	NCA01_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.112_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.113_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.114_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.115_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.116_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.117_A	NCA01_Recreational	61	-4	-4	-4	-4	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.120_A	NCA02_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	53	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.122_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.123_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.124_A	NCA01_Recreational	62	-3	-3	-3	-3	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	56	-9	-9	-9	-9	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.127_A	NCA01_Recreational	62	-3	-3	-3	-3	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.129_A	NCA04_Residential	47	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.130_A	NCA04_Residential	46	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.131_A	NCA04_Residential	53	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.132_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.133_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.134_A	NCA01_Recreational	62	-3	-3	-3	-3	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.136_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.137_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.138_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.139_A	NCA02_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.141_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.142_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.143_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.144_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.145_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.146_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.147_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.148_A	NCA01_Commercial	63	-7	-7	-7	-7	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.150_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.151_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.152_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.153_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.154_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.155_A	NCA04_Residential	51	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.156_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.157_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.158_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.159_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.160_A	NCA02_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.161_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.162_A	NCA05_Residential	45	-28	-23	-20	-5	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.164_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.165_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.166_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.167_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.168_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.169_A	NCA01_Commercial	49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.171_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.172_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.173_A	NCA01_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.175_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.176_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-

Table D.6	HV Electrical Works	SCN06	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.178_A	NCA05_Mixed Use	51	-22	-17	-14	1	-	-	-	6	-	-	-	-
R.179_A	NCA01_Residential	73	21	26	27	33	31	31	32	38	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.180_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.181_A	NCA01_Residential	67	15	20	21	27	25	25	26	32	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.182_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.183_A	NCA01_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.185_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.186_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.187_A	NCA05_Residential	69	-4	1	4	19	-	6	9	24	-	-	-	M, IB, LB, PC, RO, SN
R.188_A	NCA02_Mixed Use	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.189_A	NCA02_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.190_A	NCA05_Residential	52	-21	-16	-13	2	-	-	-	7	-	-	-	-
R.191_A	NCA04_Residential	41	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.192_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	56	-17	-12	-9	6	-	-	-	13	-	-	-	M, LB
R.194_A	NCA05_Residential	49	-24	-19	-16	-1	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	67	-6	-1	2	17	-	-	7	22	-	-	-	M, IB, LB, PC, RO, SN
R.196_A	NCA05_Residential	54	-19	-14	-11	4	-	-	-	9	-	-	-	-
R.197_A	NCA05_Residential	57	-16	-11	-8	7	-	-	-	12	-	-	-	M, LB
R.198_A	NCA05_Residential	62	-11	-6	-3	12	-	-	-	17	-	-	-	M, LB
R.199_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.200_A	NCA05_Residential	55	-18	-13	-10	5	-	-	-	10	-	-	-	M, LB
R.201_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.202_A	NCA05_Mixed Use	66	-7	-2	1	16	-	-	6	23	-	-	-	M, IB, LB, PC, RO, SN
R.203_A	NCA04_Residential	49	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.204_A	NCA05_Industrial	52	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.206_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.207_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.208_A	NCA05_Residential	61	-12	-7	-4	11	-	-	-	16	-	-	-	M, LB
R.209_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.210_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.211_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.212_A	NCA01_Residential	67	15	20	21	27	25	25	26	32	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.213_A	NCA05_Industrial	48	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.215_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.216_A	NCA01_Residential	66	14	19	20	26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.217_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.218_A	NCA05_Industrial	40	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	43	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.221_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.222_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.223_A	NCA05_Residential	42	-31	-26	-23	-8	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.225_A	NCA05_Place of Worship	43	-12	-12	-12	-12	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	70	18	23	24	30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.227_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.228_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.229_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.230_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.231_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.232_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.233_A	NCA01_Residential	56	4	9	10	16	14	14	15	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.234_A	NCA04_Residential	53	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.235_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.236_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.237_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.238_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.239_A	NCA01_Residential	70	18	23	24	30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.240_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.241_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.242_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.243_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.244_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.245_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.246_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.247_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.248_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.249_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.250_A	NCA01_Residential	71	19	24	25	31	29	29	30	36	M, LB	M, LB	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.251_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.252_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.253_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.254_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.255_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.256_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.257_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.258_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.259_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.260_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.261_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.262_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.263_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.264_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.265_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.266_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.267_A	NCA04_Residential	40	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.268_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.269_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	9	-	-	-	-
R.270_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.271_A	NCA02_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.272_A	NCA01_Residential	67	15	20	21	27	25	25	26	32	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.273_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.274_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.275_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.276_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.277_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.278_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.279_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.280_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.281_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.282_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.283_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.284_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.285_A	NCA01_Mixed Use	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.286_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.287_A	NCA01_Mixed Use	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.288_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.289_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.290_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.291_A	NCA02_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.293_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.294_A	NCA01_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.295_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	46	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.298_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.299_A	NCA01_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.301_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.302_A	NCA01_Mixed Use	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.303_A	NCA01_Mixed Use	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.304_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.305_A	NCA01_Mixed Use	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.306_A	NCA01_Mixed Use	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.307_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.308_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.309_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.310_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.311_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.312_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.313_A	NCA02_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	50	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.316_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.318_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.324_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.327_A	NCA02_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.329_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.330_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.331_A	NCA02_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.333_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.334_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.335_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.336_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.337_A	NCA01_Mixed Use	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.338_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.342_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.346_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.348_A	NCA02_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.352_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-

Table D.6	HV Electrical Works	SCN06	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.355_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.358_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	45	-10	-10	-10	-10	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.368_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.372_A	NCA02_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.383_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.387_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.388_A	NCA02_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.392_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	27	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.399_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.403_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.406_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.407_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.408_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.410_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.411_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.412_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.413_A	NCA04a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	33	-26	-21	-18	-13	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	19	-40	-35	-32	-27	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	33	-26	-21	-18	-13	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	33	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	33	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	26	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	33	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	29	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	28	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	20	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	24	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	12	-43	-38	-38	-31	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	22	-33	-28	-28	-21	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	12	-43	-38	-38	-31	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-

Table D.6	HV Electrical Works	SCN06	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-

Table D.7	Construction of Combined Services Route (CSR)	SCN07	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	35	-21	-16	-14	-7	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	45	-11	-6	-4	3	-	-	-	8	-	-	-	-
R.003_A	NCA03_Residential	34	-22	-17	-15	-8	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	25	-31	-26	-24	-17	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	45	-11	-6	-4	3	-	-	-	8	-	-	-	-
R.009_A	NCA03_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	42	-14	-9	-7	0	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	46	-10	-5	-3	4	-	-	-	9	-	-	-	-
R.013_A	NCA03_Residential	38	-18	-13	-11	-4	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	40	-16	-11	-9	-2	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	26	-30	-25	-23	-16	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	26	-30	-25	-23	-16	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	26	-30	-25	-23	-16	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	26	-30	-25	-23	-16	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	35	-21	-16	-14	-7	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	42	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	50	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	57	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	52	-18	-18	-18	-18	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	50	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	58	-12	-12	-12	-12	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	56	-14	-14	-14	-14	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	58	-12	-12	-12	-12	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	45	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	58	-12	-12	-12	-12	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	54	-16	-16	-16	-16	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	61	-9	-9	-9	-9	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	56	-14	-14	-14	-14	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	63	-7	-7	-7	-7	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.103_A	NCA02_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	55	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	56	1	1	1	1	14	14	-	-	LB	-	-	-
R.108_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.109_A	NCA04_Residential	43	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.110_A	NCA01_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.112_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.113_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.114_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.115_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	8	-	-	-	-
R.116_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.117_A	NCA01_Recreational	62	-3	-3	-3	-3	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.120_A	NCA02_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.121_A	NCA04_Residential	55	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.122_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.123_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.124_A	NCA01_Recreational	63	-2	-2	-2	-2	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	58	-7	-7	-7	-7	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.127_A	NCA01_Recreational	64	-1	-1	-1	-1	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.129_A	NCA04_Residential	49	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.130_A	NCA04_Residential	48	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.131_A	NCA04_Residential	55	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.132_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.133_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.134_A	NCA01_Recreational	64	-1	-1	-1	-1	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.136_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.137_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.138_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.139_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.140_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.141_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.142_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.143_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.144_A	NCA01_Residential	66	14	19	20	26	24	24	25	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.145_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.146_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.147_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.148_A	NCA01_Commercial	63	-7	-7	-7	-7	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.150_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.151_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.152_A	NCA01_Residential	67	15	20	21	27	25	25	26	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.153_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.154_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.155_A	NCA04_Residential	52	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.156_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.157_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.158_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.159_A	NCA01_Residential	66	14	19	20	26	24	24	25	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.160_A	NCA02_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.161_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.162_A	NCA05_Residential	46	-27	-22	-19	-4	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.164_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.165_A	NCA01_Residential	66	14	19	20	26	24	24	25	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.166_A	NCA02_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.167_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.168_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.169_A	NCA01_Commercial	51	-19	-19	-19	-19	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	66	14	19	20	26	24	24	25	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.171_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.172_A	NCA01_Residential	54	2	7	8	14	12	12	13	15	-	LB	LB	M, LB
R.173_A	NCA01_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.175_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.176_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-

Table D.7	Construction of Combined Services Route (CSR)	SCN07	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.178_A	NCA05_Mixed Use	49	-24	-19	-16	-1	-	-	-	-	-	-	-	-
R.179_A	NCA01_Residential	66	14	19	20	26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.180_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.181_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.182_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.183_A	NCA01_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.185_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.186_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.187_A	NCA05_Residential	58	-15	-10	-7	8	-	-	-	13	-	-	-	M, LB
R.188_A	NCA02_Mixed Use	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.189_A	NCA02_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.190_A	NCA05_Residential	49	-24	-19	-16	-1	-	-	-	-	-	-	-	-
R.191_A	NCA04_Residential	40	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.192_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	50	-23	-18	-15	0	-	-	-	-	-	-	-	-
R.194_A	NCA05_Residential	49	-24	-19	-16	-1	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	52	-21	-16	-13	2	-	-	-	7	-	-	-	-
R.196_A	NCA05_Residential	49	-24	-19	-16	-1	-	-	-	-	-	-	-	-
R.197_A	NCA05_Residential	48	-25	-20	-17	-2	-	-	-	-	-	-	-	-
R.198_A	NCA05_Residential	56	-17	-12	-9	6	-	-	-	11	-	-	-	M, LB
R.199_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.200_A	NCA05_Residential	54	-19	-14	-11	4	-	-	-	9	-	-	-	-
R.201_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.202_A	NCA05_Residential	46	-27	-22	-19	-4	-	-	-	-	-	-	-	-
R.203_A	NCA04_Residential	43	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.204_A	NCA05_Industrial	51	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.206_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.207_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.208_A	NCA05_Residential	50	-23	-18	-15	0	-	-	-	-	-	-	-	-
R.209_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.210_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.211_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.212_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.213_A	NCA05_Industrial	47	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.215_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.216_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.217_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.218_A	NCA05_Industrial	38	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	38	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.221_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.222_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.223_A	NCA05_Residential	42	-31	-26	-23	-8	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.225_A	NCA05_Place of Worship	42	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.227_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.228_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.229_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.230_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.231_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.232_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.233_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.234_A	NCA04_Residential	41	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.235_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.236_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.237_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.238_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.239_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.240_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.241_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.242_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.243_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.244_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.245_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.246_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.247_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.248_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.249_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.250_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.251_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.252_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.253_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.254_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.255_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.256_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.257_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.258_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.259_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.260_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.261_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.262_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.263_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.264_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.265_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.266_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.267_A	NCA04_Residential	31	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.268_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.269_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.270_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.271_A	NCA02_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.272_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.273_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.274_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.275_A	NCA02_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.276_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.277_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.278_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.280_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.281_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.282_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.283_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.284_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.285_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.286_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.287_A	NCA01_Mixed Use	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.288_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.289_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.290_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.291_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.293_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.294_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.295_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.298_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.299_A	NCA01_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.301_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.302_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.303_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.304_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.305_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.306_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.307_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.308_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.309_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.310_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.311_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.312_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.313_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.316_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.318_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.324_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.327_A	NCA02_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.329_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.330_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.331_A	NCA02_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.333_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.334_A	NCA01_Mixed Use	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.335_A	NCA01_Mixed Use	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.336_A	NCA01_Mixed Use	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.337_A	NCA01_Mixed Use	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.338_A	NCA04_Residential	28	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.342_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	28	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.348_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.352_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-

Table D.7	Construction of Combined Services Route (CSR)	SCN07	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.355_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.358_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	37	-18	-18	-18	-18	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.368_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	31	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.372_A	NCA02_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	27	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	27	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	27	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.383_A	NCA04_Residential	28	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	28	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.387_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.388_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	32	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.392_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	25	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.399_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.403_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.406_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.407_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.408_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.410_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.411_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.412_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.413_A	NCA04a_Residential	21	-38	-33	-30	-25	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	21	-38	-33	-30	-25	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	18	-41	-36	-33	-28	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	16	-43	-38	-35	-30	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	18	-41	-36	-33	-28	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	19	-40	-35	-32	-27	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	20	-39	-34	-31	-26	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	21	-38	-33	-30	-25	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	31	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	31	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	20	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	31	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	26	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	27	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	12	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	23	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	11	-44	-39	-39	-32	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	13	-42	-37	-37	-30	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	10	-45	-40	-40	-33	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-

Table D.7	Construction of Combined Services Route (CSR)	SCN07	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-

Table D.8	Under Line Crossing (ULX) Works	SCN08	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	33	-23	-18	-16	-9	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	43	-13	-8	-6	1	-	-	-	6	-	-	-	-
R.003_A	NCA03_Residential	34	-22	-17	-15	-8	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	24	-32	-27	-25	-18	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	43	-13	-8	-6	1	-	-	-	6	-	-	-	-
R.009_A	NCA03_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	40	-16	-11	-9	-2	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	44	-12	-7	-5	2	-	-	-	7	-	-	-	-
R.013_A	NCA03_Residential	36	-20	-15	-13	-6	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	39	-17	-12	-10	-3	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	25	-31	-26	-24	-17	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	25	-31	-26	-24	-17	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	33	-23	-18	-16	-9	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	55	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	50	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	56	-14	-14	-14	-14	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	54	-16	-16	-16	-16	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	56	-14	-14	-14	-14	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	46	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	57	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	53	-17	-17	-17	-17	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	60	-10	-10	-10	-10	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	55	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	63	-7	-7	-7	-7	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.103_A	NCA02_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	57	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	54	-1	-1	-1	-1	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, LB, PC, RO, SN
R.109_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.110_A	NCA01_Commercial	42	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.112_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.113_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.114_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, LB, PC, RO, SN
R.115_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.116_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.117_A	NCA01_Recreational	60	-5	-5	-5	-5	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.120_A	NCA02_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	53	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.122_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, LB, PC, RO, SN
R.123_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.124_A	NCA01_Recreational	61	-4	-4	-4	-4	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	55	-10	-10	-10	-10	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, LB, PC, RO, SN
R.127_A	NCA01_Recreational	62	-3	-3	-3	-3	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, LB, LB, PC, RO, SN
R.129_A	NCA04_Residential	47	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.130_A	NCA04_Residential	46	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.131_A	NCA04_Residential	53	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.132_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.133_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.134_A	NCA01_Recreational	61	-4	-4	-4	-4	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.136_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.137_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.138_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.139_A	NCA02_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.141_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.142_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.143_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.144_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.145_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.146_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.147_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.148_A	NCA01_Commercial	62	-8	-8	-8	-8	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.150_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.151_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.152_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.153_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.154_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.155_A	NCA04_Residential	51	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.156_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.157_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.158_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.159_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.160_A	NCA02_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.161_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.162_A	NCA05_Residential	45	-28	-23	-20	-5	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.164_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.165_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.166_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.167_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.168_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.169_A	NCA01_Commercial	49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.171_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.172_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.173_A	NCA01_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.175_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.176_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-

Table D.8	Under Line Crossing (ULX) Works	SCN08	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, LB, SN
R.178_A	NCA05_Mixed Use	50	-23	-18	-15	0	-	-	-	-	-	-	-	-
R.179_A	NCA01_Residential	72	20	25	26	32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.180_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.181_A	NCA01_Residential	66	14	19	20	26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.182_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.183_A	NCA01_Commercial	42	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.185_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.186_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.187_A	NCA05_Residential	67	-6	-1	2	17	-	-	7	22	-	-	-	M, IB, LB, PC, RO, SN
R.188_A	NCA02_Mixed Use	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.189_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.190_A	NCA05_Residential	51	-22	-17	-14	1	-	-	-	6	-	-	-	-
R.191_A	NCA04_Residential	41	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.192_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	56	-17	-12	-9	6	-	-	-	13	-	-	-	M, LB
R.194_A	NCA05_Residential	49	-24	-19	-16	-1	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	66	-7	-2	1	16	-	-	6	21	-	-	-	M, IB, LB, PC, RO, SN
R.196_A	NCA05_Residential	54	-19	-14	-11	4	-	-	-	9	-	-	-	-
R.197_A	NCA05_Residential	57	-16	-11	-8	7	-	-	-	12	-	-	-	M, LB
R.198_A	NCA05_Residential	62	-11	-6	-3	12	-	-	-	17	-	-	-	M, LB
R.199_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.200_A	NCA05_Residential	55	-18	-13	-10	5	-	-	-	10	-	-	-	M, LB
R.201_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.202_A	NCA05_Mixed Use	66	-7	-2	1	16	-	-	6	21	-	-	-	M, IB, LB, PC, RO, SN
R.203_A	NCA04_Residential	48	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.204_A	NCA05_Industrial	51	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.206_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.207_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.208_A	NCA05_Residential	60	-13	-8	-5	10	-	-	-	15	-	-	-	M, LB
R.209_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.210_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.211_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.212_A	NCA01_Residential	67	15	20	21	27	25	25	26	32	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.213_A	NCA05_Industrial	47	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.215_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.216_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.217_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.218_A	NCA05_Industrial	40	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	43	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.221_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.222_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.223_A	NCA05_Residential	41	-32	-27	-24	-9	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.225_A	NCA05_Place of Worship	42	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	67	15	20	21	27	25	25	26	32	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.227_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.228_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.229_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.230_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.231_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.232_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.233_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.234_A	NCA04_Residential	53	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.235_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.236_A	NCA04_Residential	41	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.237_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.238_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.239_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.240_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.241_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.242_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.243_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.244_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.245_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.246_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.247_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.248_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.249_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.250_A	NCA01_Residential	70	18	23	24	30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.251_A	NCA01_Residential	68	16	21	22	28	26	26	27	32	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.252_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.253_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.254_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.255_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.256_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.257_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.258_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.259_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.260_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.261_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.262_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.263_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.264_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.265_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.266_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.267_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.268_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.269_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.270_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.271_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.272_A	NCA01_Residential	66	14	19	20	26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.273_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.274_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.275_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.276_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.277_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.278_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.279_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.280_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.281_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.282_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.283_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.284_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.285_A	NCA01_Mixed Use	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.286_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.287_A	NCA01_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.288_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.289_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.290_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.291_A	NCA02_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.292_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.293_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.294_A	NCA01_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.295_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	45	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.298_A	NCA02_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.299_A	NCA01_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.301_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.302_A	NCA01_Mixed Use	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.303_A	NCA01_Mixed Use	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.304_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.305_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.306_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.307_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.308_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.309_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.310_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.311_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.312_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.313_A	NCA02_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	50	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.316_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.318_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.324_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.327_A	NCA02_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	-
R.329_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.330_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.331_A	NCA02_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.333_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.334_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.335_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.336_A	NCA01_Mixed Use	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.337_A	NCA01_Mixed Use	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.338_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.342_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	33	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.346_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.348_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.352_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-

Table D.8	Under Line Crossing (ULX) Works	SCN08	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.355_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.358_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	45	-10	-10	-10	-10	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.368_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	33	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.372_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.383_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.387_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.388_A	NCA02_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.392_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	26	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.399_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.403_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.406_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.407_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.408_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.410_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.411_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.412_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.413_A	NCA04a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.415_A	NCA03a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.416_A	NCA03a_Residential	33	-26	-21	-18	-13	-	-	-	-	-	-	-	-
R.417_A	NCA03a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.418_A	NCA03a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	33	-26	-21	-18	-13	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.422_A	NCA03a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.424_A	NCA03a_Residential	18	-41	-36	-33	-28	-	-	-	-	-	-	-	-
R.425_A	NCA03a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.426_A	NCA03a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.427_A	NCA03a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.428_A	NCA03a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.429_A	NCA03a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.430_A	NCA03a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.431_A	NCA03a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.433_A	NCA03a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.434_A	NCA03a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.435_A	NCA03a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	33	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	33	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	25	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	32	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	28	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	27	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	20	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	24	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	12	-43	-38	-38	-31	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	22	-33	-28	-28	-21	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	12	-43	-38	-38	-31	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-

Table D.8	Under Line Crossing (ULX) Works	SCN08	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-

Table D.9	Relocation and Termination of Utilities in Nelson St Bridge	SCN09	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	30	-26	-21	-19	-12	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	48	-8	-3	-1	6	-	-	-	13	-	-	-	M, LB
R.003_A	NCA03_Residential	30	-26	-21	-19	-12	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	31	-25	-20	-18	-11	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	30	-26	-21	-19	-12	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	48	-8	-3	-1	6	-	-	-	13	-	-	-	M, LB
R.009_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	30	-26	-21	-19	-12	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	38	-18	-13	-11	-4	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	50	-6	-1	2	8	-	-	7	13	-	-	-	M, LB
R.013_A	NCA03_Residential	32	-24	-19	-17	-10	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	31	-25	-20	-18	-11	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	30	-26	-21	-19	-12	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	52	-18	-18	-18	-18	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	30	-26	-21	-19	-12	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	42	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	32	-24	-19	-17	-10	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	54	-16	-16	-16	-16	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	56	-14	-14	-14	-14	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	53	-17	-17	-17	-17	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	56	-14	-14	-14	-14	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	55	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	51	-19	-19	-19	-19	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	55	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	53	-17	-17	-17	-17	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.100_A	NCA02_Residential	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.103_A	NCA02_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	52	-3	-3	-3	-3	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, LB, PC, RO, SN
R.109_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.113_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, LB, LB, PC, RO, SN
R.115_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.117_A	NCA01_Recreational	57	-8	-8	-8	-8	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.121_A	NCA04_Residential	53	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.122_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, LB, LB, PC, RO, SN
R.123_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	55	-10	-10	-10	-10	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	54	-11	-11	-11	-11	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, LB, LB, PC, RO, SN
R.127_A	NCA01_Recreational	56	-9	-9	-9	-9	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, LB, LB, PC, RO, SN
R.129_A	NCA04_Residential	48	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.130_A	NCA04_Residential	50	-1	4	5	11	-	9	10	16	-	LB	4	M, LB
R.131_A	NCA04_Residential	49	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.132_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.134_A	NCA01_Recreational	60	-5	-5	-5	-5	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.136_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	LB	LB	M, LB
R.137_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.138_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.139_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.140_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.141_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, LB, LB, PC, RO, SN
R.142_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.143_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, LB, LB, PC, RO, SN
R.144_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, LB, LB, PC, RO, SN
R.145_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.146_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, LB, LB, PC, RO, SN
R.147_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, LB, LB, PC, RO, SN
R.148_A	NCA01_Commercial	62	-8	-8	-8	-8	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, LB, LB, PC, RO, SN
R.150_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.151_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, LB, LB, PC, RO, SN
R.152_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.153_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.154_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.155_A	NCA04_Residential	56	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.156_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.157_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.158_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.159_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.160_A	NCA02_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.161_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.162_A	NCA05_Residential	49	-24	-19	-16	-1	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.164_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.165_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.166_A	NCA02_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.167_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.168_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.169_A	NCA01_Commercial	52	-18	-18	-18	-18	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	76	24	29	30	36	34	34	35	43	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.171_A	NCA01_Residential	71	19	24	25	31	29	29	30	38	M, LB	M, LB	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.172_A	NCA01_Residential	72	20	25	26	32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.173_A	NCA01_Commercial	52	-18	-18	-18	-18	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	75	23	28	29	35	33	33	34	40	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.175_A	NCA01_Residential	75	23	28	29	35	33	33	34	40	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.176_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB

Table D.9	Relocation and Termination of Utilities in Nelson St Bridge	SCN09	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	79	27	32	33	39	37	37	38	44	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.178_A	NCA05_Mixed Use	59	-14	-9	-6	9	-	-	-	14	-	-	-	M, LB
R.179_A	NCA01_Residential	88	36	41	42	48	46	46	47	53	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.180_A	NCA01_Residential	72	20	25	26	32	30	30	31	38	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.181_A	NCA01_Residential	75	23	28	29	35	33	33	34	40	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.182_A	NCA01_Residential	67	15	20	21	27	25	25	26	32	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.183_A	NCA01_Commercial	54	-16	-16	-16	-	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.185_A	NCA01_Residential	80	28	33	34	40	38	38	39	45	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.186_A	NCA01_Residential	79	27	32	33	39	37	37	38	44	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.187_A	NCA05_Residential	77	4	9	12	27	14	14	17	32	-	LB	LB	AA, M, IB, LB, PC, RO, SN
R.188_A	NCA02_Mixed Use	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.189_A	NCA02_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.190_A	NCA05_Residential	62	-11	-6	-3	12	-	-	-	17	-	-	-	M, LB
R.191_A	NCA04_Residential	48	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.192_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.193_A	NCA05_Residential	63	-10	-5	-2	13	-	-	-	18	-	-	-	M, LB
R.194_A	NCA05_Residential	57	-16	-11	-8	7	-	-	-	12	-	-	-	M, LB
R.195_A	NCA05_Residential	69	-4	1	4	19	-	6	9	24	-	-	-	M, IB, LB, PC, RO, SN
R.196_A	NCA05_Residential	63	-10	-5	-2	13	-	-	-	18	-	-	-	M, LB
R.197_A	NCA05_Residential	59	-14	-9	-6	9	-	-	-	14	-	-	-	M, LB
R.198_A	NCA05_Residential	68	-5	0	3	18	-	-	8	23	-	-	-	M, IB, LB, PC, RO, SN
R.199_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.200_A	NCA05_Residential	65	-8	-3	0	15	-	-	-	20	-	-	-	M, IB, LB, PC, RO, SN
R.201_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.202_A	NCA05_Mixed Use	64	-9	-4	-1	14	-	-	-	19	-	-	-	M, LB
R.203_A	NCA04_Residential	51	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.204_A	NCA05_Industrial	63	-12	-12	-12	-12	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.206_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.207_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.208_A	NCA05_Residential	61	-12	-7	-4	11	-	-	-	16	-	-	-	M, LB
R.209_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.210_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.211_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.212_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.213_A	NCA05_Industrial	55	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.215_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	9	-	-	-	-
R.216_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.217_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.218_A	NCA05_Industrial	48	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	46	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.221_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.222_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.223_A	NCA05_Residential	55	-18	-13	-10	5	-	-	-	10	-	-	-	M, LB
R.224_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.225_A	NCA05_Place of Worship	51	-4	-4	-4	-4	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.227_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.228_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.229_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.230_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.231_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.232_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.233_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.234_A	NCA04_Residential	48	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.235_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.236_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.237_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.238_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.239_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.240_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.241_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.242_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.243_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.244_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.245_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.246_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.247_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.248_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.249_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.250_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.251_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.252_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.253_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.254_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.255_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.256_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.257_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.258_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.259_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.260_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.261_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.262_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.263_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.264_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.265_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.266_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.267_A	NCA04_Residential	40	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.268_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.269_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.270_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.271_A	NCA02_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.272_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.273_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.274_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.275_A	NCA02_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.276_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.277_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.278_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.280_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.281_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.282_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.283_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.284_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.285_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.286_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.287_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.288_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.289_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.290_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.291_A	NCA02_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.293_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.294_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.295_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.298_A	NCA02_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.299_A	NCA01_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.301_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.302_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.303_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.304_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.305_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.306_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.307_A	NCA02_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.308_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.309_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.310_A	NCA01_Mixed Use	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.311_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.312_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.313_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.316_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.318_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.324_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.327_A	NCA02_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.328_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.329_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.330_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.331_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.332_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.333_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.334_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.335_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.336_A	NCA01_Mixed Use	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.337_A	NCA01_Mixed Use	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.338_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.341_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.342_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.348_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.352_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-

Table D.9	Relocation and Termination of Utilities in Nelson St Bridge	SCN09	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.355_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.358_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	46	-9	-9	-9	-9	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.365_A	NCA02_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.368_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.372_A	NCA02_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.383_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.387_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.388_A	NCA02_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.392_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	33	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.399_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.401_A	NCA04a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.403_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.405_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.406_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.407_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.408_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.409_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.410_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.411_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.412_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.413_A	NCA04a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.415_A	NCA01a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	37	-22	-17	-14	-9	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	36	-23	-18	-15	-10	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	36	-23	-18	-15	-10	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	38	-21	-16	-13	-8	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	36	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	38	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	30	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	38	-17	-17	-17	-17	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	25	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	33	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	18	-37	-32	-32	-25	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	24	-31	-26	-26	-19	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	18	-37	-32	-32	-25	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-

Table D.9	Relocation and Termination of Utilities in Nelson St Bridge	SCN09	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-

Table D.10	Nelson St Bridge Demolition	SCN10	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	30	-26	-21	-19	-12	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	49	-7	-2	1	7	-	-	6	12	-	-	-	M, LB
R.003_A	NCA03_Residential	31	-25	-20	-18	-11	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	32	-24	-19	-17	-10	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	31	-25	-20	-18	-11	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	49	-7	-2	1	7	-	-	6	12	-	-	-	M, LB
R.009_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	32	-24	-19	-17	-10	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	38	-18	-13	-11	-4	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	50	-6	-1	2	8	-	-	7	13	-	-	-	M, LB
R.013_A	NCA03_Residential	32	-24	-19	-17	-10	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	32	-24	-19	-17	-10	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	31	-25	-20	-18	-11	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	52	-18	-18	-18	-18	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	31	-25	-20	-18	-11	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	42	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	32	-24	-19	-17	-10	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	50	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	54	-16	-16	-16	-16	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	57	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	54	-16	-16	-16	-16	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	56	-14	-14	-14	-14	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	56	-14	-14	-14	-14	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	52	-18	-18	-18	-18	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	55	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.094_A	NCA04_Residential	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.095_A	NCA01_Residential	54	-16	-16	-16	-16	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.098_A	NCA01_Residential	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.100_A	NCA02_Residential	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.103_A	NCA02_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	52	-3	-3	-3	-3	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.109_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.115_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.117_A	NCA01_Recreational	58	-7	-7	-7	-7	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	50	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.121_A	NCA04_Residential	54	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.122_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.123_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	56	-9	-9	-9	-9	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	55	-10	-10	-10	-10	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.127_A	NCA01_Recreational	57	-8	-8	-8	-8	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.129_A	NCA04_Residential	49	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.130_A	NCA04_Residential	51	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.131_A	NCA04_Residential	49	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.132_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.134_A	NCA01_Recreational	61	-4	-4	-4	-4	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.136_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.137_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.138_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.139_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.140_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.141_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.142_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.143_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.144_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.145_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.146_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.147_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.148_A	NCA01_Commercial	63	-7	-7	-7	-7	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.150_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.151_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.152_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.153_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.154_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.155_A	NCA04_Residential	56	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.156_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.157_A	NCA01_Residential	66	14	19	20	26	24	24	25	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.158_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.159_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.160_A	NCA02_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.161_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.162_A	NCA05_Residential	50	-23	-18	-15	0	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.164_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.165_A	NCA01_Residential	70	18	23	24	30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.166_A	NCA02_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.167_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.168_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.169_A	NCA01_Commercial	53	-17	-17	-17	-17	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	77	25	30	31	37	35	35	36	42	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.171_A	NCA01_Residential	71	19	24	25	31	29	29	30	36	M, LB	M, LB	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.172_A	NCA01_Residential	73	21	26	27	33	31	31	32	38	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.173_A	NCA01_Commercial	53	-17	-17	-17	-17	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	76	24	29	30	36	34	34	35	43	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.175_A	NCA01_Residential	75	23	28	29	35	33	33	34	40	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.176_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB

Table D.10	Nelson St Bridge Demolition	SCN10	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	79	27	32	33	39	37	37	38	44	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.178_A	NCA05_Mixed Use	60	-13	-8	-5	10	-	-	-	15	-	-	-	M, LB
R.179_A	NCA01_Residential	89	37	42	43	49	47	47	48	54	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.180_A	NCA01_Residential	72	20	25	26	32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.181_A	NCA01_Residential	75	23	28	29	35	33	33	34	40	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.182_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.183_A	NCA01_Commercial	54	-16	-16	-16	-16	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.185_A	NCA01_Residential	80	28	33	34	40	38	38	39	45	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.186_A	NCA01_Residential	79	27	32	33	39	37	37	38	44	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.187_A	NCA05_Residential	76	3	8	11	26	13	13	16	31	-	LB	LB	AA, M, IB, LB, PC, RO, SN
R.188_A	NCA02_Mixed Use	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.189_A	NCA02_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.190_A	NCA05_Residential	62	-11	-6	-3	12	-	-	-	17	-	-	-	M, LB
R.191_A	NCA04_Residential	48	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.192_A	NCA04_Residential	43	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.193_A	NCA05_Residential	63	-10	-5	-2	13	-	-	-	18	-	-	-	M, LB
R.194_A	NCA05_Residential	58	-15	-10	-7	8	-	-	-	13	-	-	-	M, LB
R.195_A	NCA05_Residential	68	-5	0	3	18	-	-	8	23	-	-	-	M, IB, LB, PC, RO, SN
R.196_A	NCA05_Residential	63	-10	-5	-2	13	-	-	-	18	-	-	-	M, LB
R.197_A	NCA05_Residential	60	-13	-8	-5	10	-	-	-	15	-	-	-	M, LB
R.198_A	NCA05_Residential	68	-5	0	3	18	-	-	8	23	-	-	-	M, IB, LB, PC, RO, SN
R.199_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.200_A	NCA05_Residential	65	-8	-3	0	15	-	-	-	20	-	-	-	M, IB, LB, PC, RO, SN
R.201_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.202_A	NCA05_Mixed Use	64	-9	-4	-1	14	-	-	-	19	-	-	-	M, LB
R.203_A	NCA04_Residential	52	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.204_A	NCA05_Industrial	64	-11	-11	-11	-11	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.206_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.207_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.208_A	NCA05_Residential	62	-11	-6	-3	12	-	-	-	17	-	-	-	M, LB
R.209_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.210_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.211_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.212_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.213_A	NCA05_Industrial	56	-19	-19	-19	-19	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.215_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	9	-	-	-	-
R.216_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.217_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.218_A	NCA05_Industrial	49	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	46	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.221_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.222_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.223_A	NCA05_Residential	55	-18	-13	-10	5	-	-	-	10	-	-	-	M, LB
R.224_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.225_A	NCA05_Place of Worship	51	-4	-4	-4	-4	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.227_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.228_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.229_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.230_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.231_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.232_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.233_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.234_A	NCA04_Residential	48	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.235_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.236_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.237_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.238_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.239_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.240_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.241_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.242_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.243_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.244_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.245_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.246_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.247_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.248_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.249_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.250_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.251_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.252_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.253_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.254_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.255_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.256_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.257_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.258_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.259_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.260_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.261_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.262_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.263_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.264_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.265_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.266_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.267_A	NCA04_Residential	40	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.268_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.269_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.270_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.271_A	NCA02_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.272_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.273_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.274_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.275_A	NCA02_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.276_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.277_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.278_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.280_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.281_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.282_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.283_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.284_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.285_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.286_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.287_A	NCA01_Mixed Use	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.288_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.289_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.290_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.291_A	NCA02_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.293_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.294_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.295_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.298_A	NCA02_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.299_A	NCA01_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.301_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.302_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.303_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.304_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.305_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.306_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.307_A	NCA02_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.308_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.309_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.310_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.311_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.312_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.313_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.316_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.318_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	42	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.324_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.327_A	NCA02_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.328_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.329_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.330_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.331_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.332_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.333_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.334_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.335_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.336_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.337_A	NCA01_Mixed Use	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.338_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.341_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.342_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.348_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.352_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-

Table D.10	Nelson St Bridge Demolition	SCN10	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.355_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.356_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.357_A	NCA02_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.358_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.359_A	NCA01_Place of Worship	47	-8	-8	-8	-8	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.361_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.365_A	NCA02_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.368_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.372_A	NCA02_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.383_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.387_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.388_A	NCA02_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	40	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.390_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.392_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.393_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	33	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.399_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.401_A	NCA04a_Residential	36	-23	-18	-15	-10	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.403_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.405_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.406_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.407_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.408_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.409_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.410_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.411_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.412_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.413_A	NCA04a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.415_A	NCA01a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	37	-22	-17	-14	-9	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	36	-23	-18	-15	-10	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	36	-23	-18	-15	-10	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	37	-22	-17	-14	-9	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	39	-20	-15	-12	-7	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	36	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.448_A	NCA02a_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.453_A	NCA01_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.457_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.463_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.481_A	NCA01_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.485_A	NCA01_Recreational	39	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	30	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	40	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	25	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	33	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	19	-36	-31	-31	-24	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	23	-32	-27	-27	-20	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	19	-36	-31	-31	-24	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-

Table D.10	Nelson St Bridge Demolition	SCN10	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-

Table D.11	Mowbray Rd Bridge Demolition of break Wall- OOHW/	SCN11	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	36	-20	-15	-13	-6	-	-	-	-	-	-	-	-
R.003_A	NCA03_Residential	30	-26	-21	-19	-12	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	30	-26	-21	-19	-12	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	35	-21	-16	-14	-7	-	-	-	-	-	-	-	-
R.009_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	43	-13	-8	-6	1	-	-	-	6	-	-	-	-
R.013_A	NCA03_Residential	45	-11	-6	-4	3	-	-	-	8	-	-	-	-
R.014_A	NCA03_Residential	31	-25	-20	-18	-11	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	30	-26	-21	-19	-12	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	33	-23	-18	-16	-9	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	45	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	51	-19	-19	-19	-19	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	51	-19	-19	-19	-19	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	51	-19	-19	-19	-19	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	52	-18	-18	-18	-18	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.103_A	NCA02_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	46	-9	-9	-9	-9	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.109_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.115_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.117_A	NCA01_Recreational	50	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.121_A	NCA04_Residential	48	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.122_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.123_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	40	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	49	-16	-16	-16	-16	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.127_A	NCA01_Recreational	42	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.129_A	NCA04_Residential	46	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.130_A	NCA04_Residential	44	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.131_A	NCA04_Residential	46	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.132_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.134_A	NCA01_Recreational	57	-8	-8	-8	-8	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.136_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.137_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.138_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.139_A	NCA02_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.140_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.141_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.142_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.143_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.144_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.145_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.146_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.147_A	NCA04_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.148_A	NCA01_Commercial	58	-12	-12	-12	-12	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.150_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.151_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.152_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.153_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.154_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.155_A	NCA04_Residential	52	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.156_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.157_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.158_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.159_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.160_A	NCA02_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.161_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.162_A	NCA05_Residential	47	-26	-21	-18	-3	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.164_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.165_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.166_A	NCA02_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.167_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.168_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.169_A	NCA01_Commercial	46	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.171_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.172_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.173_A	NCA01_Commercial	50	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.175_A	NCA01_Residential	66	14	19	20	26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.176_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB

Table D.11	Mowbray Rd Bridge Demolition of break Wall- OOHW	SCN11	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.178_A	NCA05_Mixed Use	65	-8	-3	0	15	-	-	-	20	-	-	-	M, IB, LB, PC, RO, SN
R.179_A	NCA01_Residential	72	20	25	26	32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.180_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.181_A	NCA01_Residential	70	18	23	24	30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.182_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.183_A	NCA01_Commercial	56	-14	-14	-14	-14	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.185_A	NCA01_Residential	71	19	24	25	31	29	29	30	36	M, LB	M, LB	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.186_A	NCA01_Residential	73	21	26	27	33	31	31	32	38	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.187_A	NCA05_Residential	73	0	5	8	23	-	10	13	28	-	LB	LB	M, IB, LB, PC, RO, SN
R.188_A	NCA02_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.189_A	NCA02_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.190_A	NCA05_Residential	62	-11	-6	-3	12	-	-	-	17	-	-	-	M, LB
R.191_A	NCA04_Residential	48	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.192_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.193_A	NCA05_Residential	74	1	6	9	24	11	11	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.194_A	NCA05_Residential	61	-12	-7	-4	11	-	-	-	16	-	-	-	M, LB
R.195_A	NCA05_Residential	**83**	10	15	18	33	20	20	23	38	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.196_A	NCA05_Residential	68	-5	0	3	18	-	-	8	23	-	-	-	M, IB, LB, PC, RO, SN
R.197_A	NCA05_Residential	74	1	6	9	24	11	11	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.198_A	NCA05_Residential	**81**	8	13	16	31	18	18	21	36	-	LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.199_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.200_A	NCA05_Residential	71	-2	3	6	21	-	8	11	26	-	-	LB	M, IB, LB, PC, RO, SN
R.201_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.202_A	NCA05_Mixed Use	**77**	4	9	12	27	14	14	17	32	-	LB	LB	AA, M, IB, LB, PC, RO, SN
R.203_A	NCA04_Residential	49	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.204_A	NCA05_Industrial	65	-10	-10	-10	-10	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.206_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.207_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.208_A	NCA05_Residential	70	-3	2	5	20	-	7	10	25	-	-	LB	M, IB, LB, PC, RO, SN
R.209_A	NCA01_Residential	72	20	25	26	32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.210_A	NCA01_Residential	51	-1	4	5	11	-	8	10	16	-	-	LB	M, LB
R.211_A	NCA01_Residential	66	14	19	20	26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.212_A	NCA01_Residential	70	18	23	24	30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.213_A	NCA05_Industrial	52	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.215_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.216_A	NCA01_Residential	66	14	19	20	26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.217_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.218_A	NCA05_Industrial	50	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	51	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.221_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.222_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.223_A	NCA05_Residential	45	-28	-23	-20	-5	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.225_A	NCA05_Place of Worship	55	0	0	0	0	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.227_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.228_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.229_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.230_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.231_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.232_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.233_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.234_A	NCA01_Residential	50	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.235_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.236_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.237_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.238_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.239_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.240_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.241_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.242_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.243_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.244_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.245_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.246_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.247_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.248_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.249_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.250_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.251_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.252_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.253_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.254_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.255_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.256_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.257_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.258_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.259_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.260_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.261_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.262_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.263_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.264_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.265_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.266_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.267_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.268_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.269_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.270_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.271_A	NCA02_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.272_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.273_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.274_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.275_A	NCA02_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.276_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.277_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.278_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.280_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.281_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.282_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.283_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.284_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.285_A	NCA01_Mixed Use	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.286_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.287_A	NCA01_Mixed Use	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.288_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.289_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.290_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.291_A	NCA02_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.293_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.294_A	NCA01_Mixed Use	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.295_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.296_A	NCA01_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.298_A	NCA02_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.299_A	NCA01_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.301_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.302_A	NCA01_Mixed Use	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.303_A	NCA01_Mixed Use	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.304_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.305_A	NCA01_Mixed Use	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.306_A	NCA01_Mixed Use	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.307_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.308_A	NCA01_Mixed Use	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.309_A	NCA01_Mixed Use	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.310_A	NCA01_Mixed Use	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.311_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.312_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.313_A	NCA02_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	55	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.316_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.317_A	NCA01_Mixed Use	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.318_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.319_A	NCA01_Commercial	49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.321_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.322_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.324_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.325_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.326_A	NCA01_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.327_A	NCA02_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.328_A	NCA01_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.329_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.330_A	NCA01_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.331_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.332_A	NCA01_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.333_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.334_A	NCA01_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.335_A	NCA01_Mixed Use	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.336_A	NCA01_Mixed Use	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.337_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.338_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.339_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.341_A	NCA01_Mixed Use	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.342_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.343_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.345_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.346_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.347_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.348_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.350_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.351_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.352_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-

Table D.11	Mowbray Rd Bridge Demolition of break Wall- OOHW/	SCN11	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.354_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.355_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.356_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.357_A	NCA02_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.358_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.359_A	NCA01_Place of Worship	49	-6	-6	-6	-6	-	-	-	-	-	-	-	-
R.360_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.361_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.363_A	NCA02_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.368_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.372_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.383_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.387_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.388_A	NCA02_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.392_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.393_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	35	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.398_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.399_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.400_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.401_A	NCA04a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.403_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.404_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.405_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.406_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.407_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.408_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.409_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.410_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.411_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.412_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.413_A	NCA04a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.415_A	NCA01a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	39	-20	-15	-12	-7	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	39	-20	-15	-12	-7	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	42	-17	-12	-9	-4	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	41	-18	-13	-10	-5	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	33	-26	-21	-18	-13	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	38	-21	-16	-13	-8	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	40	-19	-14	-11	-6	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	39	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.448_A	NCA02a_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.453_A	NCA01_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.463_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	42	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.481_A	NCA01_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.485_A	NCA01_Recreational	40	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	33	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	41	-14	-14	-14	-14	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	34	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	20	-35	-30	-30	-23	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	33	-22	-17	-17	-10	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	21	-34	-29	-29	-22	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-

Table D.11	Mowbray Rd Bridge Demolition of break Wall- OOHW	SCN11	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-

Table D.12	Mowbray Rd Bridge Construction of base slab and deflection wall	SCN12	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	36	-20	-15	-13	-6	-	-	-	-	-	-	-	-
R.003_A	NCA03_Residential	30	-26	-21	-19	-12	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	30	-26	-21	-19	-12	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	35	-21	-16	-14	-7	-	-	-	-	-	-	-	-
R.009_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	43	-13	-8	-6	1	-	-	-	6	-	-	-	-
R.013_A	NCA03_Residential	45	-11	-6	-4	3	-	-	-	8	-	-	-	-
R.014_A	NCA03_Residential	31	-25	-20	-18	-11	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	30	-26	-21	-19	-12	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	33	-23	-18	-16	-9	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	45	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	51	-19	-19	-19	-19	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	51	-19	-19	-19	-19	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	51	-19	-19	-19	-19	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	52	-18	-18	-18	-18	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.103_A	NCA02_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	46	-9	-9	-9	-9	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.109_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.115_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.117_A	NCA01_Recreational	50	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.121_A	NCA04_Residential	48	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.122_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.123_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	40	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	49	-16	-16	-16	-16	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.127_A	NCA01_Recreational	42	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.129_A	NCA04_Residential	46	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.130_A	NCA04_Residential	44	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.131_A	NCA04_Residential	46	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.132_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.134_A	NCA01_Recreational	57	-8	-8	-8	-8	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.136_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.137_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.138_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.139_A	NCA02_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.140_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.141_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.142_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.143_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.144_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.145_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.146_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.147_A	NCA04_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.148_A	NCA01_Commercial	58	-12	-12	-12	-12	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.150_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.151_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.152_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.153_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.154_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.155_A	NCA04_Residential	52	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.156_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.157_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.158_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.159_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.160_A	NCA02_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.161_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.162_A	NCA05_Residential	47	-26	-21	-18	-3	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.164_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.165_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.166_A	NCA02_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.167_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.168_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.169_A	NCA01_Commercial	46	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.171_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.172_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.173_A	NCA01_Commercial	50	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.175_A	NCA01_Residential	66	14	19	20	26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.176_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB

Table D.12	Mowbray Rd Bridge Construction of base slab and deflection wall	SCN12	Comparison to NML					If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening		Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	65	13	18	19		25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.178_A	NCA05_Mixed Use	65	-8	-3	0		15	-	-	-	20	-	-	-	M, IB, LB, PC, RO, SN
R.179_A	NCA01_Residential	72	20	25	26		32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.180_A	NCA01_Residential	63	11	16	17		23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.181_A	NCA01_Residential	70	18	23	24		30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.182_A	NCA01_Residential	62	10	15	16		22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.183_A	NCA01_Commercial	56	-14	-14	-14		-	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	60	8	13	14		20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.185_A	NCA01_Residential	71	19	24	25		31	29	29	30	36	M, LB	M, LB	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.186_A	NCA01_Residential	73	21	26	27		33	31	31	32	38	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.187_A	NCA05_Residential	73	0	5	8		23	-	10	13	28	-	LB	LB	M, IB, LB, PC, RO, SN
R.188_A	NCA02_Mixed Use	55	3	8	9		15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.189_A	NCA02_Residential	52	0	5	6		12	-	10	11	17	-	LB	LB	M, LB
R.190_A	NCA05_Residential	62	-11	-6	-3		12	-	-	-	17	-	-	-	M, LB
R.191_A	NCA04_Residential	48	-3	2	3		9	-	7	8	14	-	-	-	M, LB
R.192_A	NCA04_Residential	42	-9	-4	-3		3	-	-	-	8	-	-	-	-
R.193_A	NCA05_Residential	74	-1	6	9		24	11	11	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.194_A	NCA05_Residential	61	-12	-7	-4		11	-	-	-	16	-	-	-	M, LB
R.195_A	NCA05_Residential	**83**	10	15	18		33	20	20	23	38	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.196_A	NCA05_Residential	68	-5	0	3		18	-	-	8	23	-	-	-	M, IB, LB, PC, RO, SN
R.197_A	NCA05_Residential	74	1	6	9		24	11	11	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.198_A	NCA05_Residential	**81**	8	13	16		31	18	18	21	36	-	LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.199_A	NCA01_Residential	55	3	8	9		15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.200_A	NCA05_Residential	71	-2	3	6		21	-	8	11	26	-	-	LB	M, IB, LB, PC, RO, SN
R.201_A	NCA01_Residential	56	4	9	10		16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.202_A	NCA05_Mixed Use	**77**	4	9	12		27	14	14	17	32	-	LB	LB	AA, M, IB, LB, PC, RO, SN
R.203_A	NCA04_Residential	49	-2	3	4		10	-	8	9	15	-	-	-	M, LB
R.204_A	NCA05_Industrial	65	-10	-10	-10		-10	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	57	5	10	11		17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.206_A	NCA01_Residential	61	9	14	15		21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.207_A	NCA01_Residential	69	17	22	23		29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.208_A	NCA05_Residential	70	-3	2	5		20	-	7	10	25	-	-	LB	M, IB, LB, PC, RO, SN
R.209_A	NCA01_Residential	72	20	25	26		32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.210_A	NCA01_Residential	51	-1	4	5		11	-	8	10	16	-	-	LB	M, LB
R.211_A	NCA01_Residential	66	14	19	20		26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.212_A	NCA01_Residential	70	18	23	24		30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.213_A	NCA05_Industrial	52	-23	-23	-23		-23	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	49	-3	2	3		9	-	7	8	14	-	-	-	M, LB
R.215_A	NCA01_Residential	50	-2	3	4		10	-	8	9	15	-	-	-	M, LB
R.216_A	NCA01_Residential	66	14	19	20		26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.217_A	NCA01_Residential	51	-1	4	5		11	-	9	10	16	-	-	LB	M, LB
R.218_A	NCA05_Industrial	50	-25	-25	-25		-25	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	51	-24	-24	-24		-24	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	49	-3	2	3		9	-	7	8	14	-	-	-	M, LB
R.221_A	NCA01_Residential	50	-2	3	4		10	-	8	9	15	-	-	-	M, LB
R.222_A	NCA01_Residential	51	-1	4	5		11	-	9	10	16	-	-	LB	M, LB
R.223_A	NCA05_Residential	45	-28	-23	-20		-5	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	53	1	6	7		13	11	11	12	18	-	LB	LB	M, LB
R.225_A	NCA05_Place of Worship	55	0	0	0		0	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	64	12	17	18		24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.227_A	NCA01_Residential	52	0	5	6		12	-	10	11	17	-	LB	LB	M, LB
R.228_A	NCA01_Residential	51	-1	4	5		11	-	9	10	16	-	-	LB	M, LB
R.229_A	NCA01_Residential	51	-1	4	5		11	-	9	10	16	-	-	LB	M, LB
R.230_A	NCA01_Residential	54	2	7	8		14	12	12	13	19	-	LB	LB	M, LB
R.231_A	NCA01_Residential	65	13	18	19		25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.232_A	NCA01_Residential	62	10	15	16		22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.233_A	NCA01_Residential	47	-5	0	1		7	-	-	6	12	-	-	-	M, LB
R.234_A	NCA01_Residential	50	-1	4	5		11	-	9	10	16	-	-	LB	M, LB
R.235_A	NCA01_Residential	47	-5	0	1		7	-	-	6	12	-	-	-	M, LB
R.236_A	NCA04_Residential	42	-9	-4	-3		3	-	-	-	8	-	-	-	-
R.237_A	NCA01_Residential	46	-6	-1	0		6	-	-	-	13	-	-	-	M, LB
R.238_A	NCA01_Residential	51	-1	4	5		11	-	9	10	16	-	-	LB	M, LB
R.239_A	NCA01_Residential	65	13	18	19		25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.240_A	NCA01_Residential	48	-4	1	2		8	-	6	7	13	-	-	-	M, LB
R.241_A	NCA01_Residential	50	-2	3	4		10	-	8	9	15	-	-	-	M, LB
R.242_A	NCA01_Residential	61	9	14	15		21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.243_A	NCA01_Residential	47	-5	0	1		7	-	-	6	12	-	-	-	M, LB
R.244_A	NCA01_Residential	49	-3	2	3		9	-	7	8	14	-	-	-	M, LB
R.245_A	NCA01_Residential	51	-1	4	5		11	-	9	10	16	-	-	LB	M, LB
R.246_A	NCA01_Residential	49	-3	2	3		9	-	7	8	14	-	-	-	M, LB
R.247_A	NCA01_Residential	50	-2	3	4		10	-	8	9	15	-	-	-	M, LB
R.248_A	NCA01_Residential	51	-1	4	5		11	-	9	10	16	-	-	LB	M, LB
R.249_A	NCA01_Residential	51	-1	4	5		11	-	9	10	16	-	-	LB	M, LB
R.250_A	NCA01_Residential	64	12	17	18		24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.251_A	NCA01_Residential	58	6	11	12		18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.252_A	NCA01_Residential	51	-1	4	5		11	-	9	10	16	-	-	LB	M, LB
R.253_A	NCA01_Residential	47	-5	0	1		7	-	-	6	12	-	-	-	M, LB
R.254_A	NCA01_Residential	52	0	5	6		12	-	10	11	17	-	LB	LB	M, LB
R.255_A	NCA01_Residential	46	-6	-1	0		6	-	-	-	13	-	-	-	M, LB
R.256_A	NCA01_Residential	52	0	5	6		12	-	10	11	17	-	LB	LB	M, LB
R.257_A	NCA01_Residential	63	11	16	17		23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.258_A	NCA01_Residential	51	-1	4	5		11	-	9	10	16	-	-	LB	M, LB
R.259_A	NCA01_Residential	50	-2	3	4		10	-	8	9	15	-	-	-	M, LB
R.260_A	NCA01_Residential	63	11	16	17		23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.261_A	NCA01_Residential	53	1	6	7		13	11	11	12	18	-	LB	LB	M, LB
R.262_A	NCA01_Residential	50	-2	3	4		10	-	8	9	15	-	-	-	M, LB
R.263_A	NCA01_Residential	48	-4	1	2		8	-	6	7	13	-	-	-	M, LB
R.264_A	NCA01_Residential	53	1	6	7		13	11	11	12	18	-	LB	LB	M, LB
R.265_A	NCA01_Residential	55	3	8	9		15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.266_A	NCA01_Residential	62	10	15	16		22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.267_A	NCA04_Residential	42	-9	-4	-3		3	-	-	-	8	-	-	-	-
R.268_A	NCA01_Residential	46	-6	-1	0		6	-	-	-	11	-	-	-	M, LB
R.269_A	NCA01_Residential	49	-3	2	3		9	-	7	8	14	-	-	-	M, LB
R.270_A	NCA01_Residential	61	9	14	15		21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.271_A	NCA02_Residential	49	-3	2	3		9	-	7	8	14	-	-	-	M, LB
R.272_A	NCA01_Residential	60	8	13	14		20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.273_A	NCA01_Residential	51	-1	4	5		11	-	9	10	16	-	-	LB	M, LB
R.274_A	NCA01_Residential	51	-1	4	5		11	-	9	10	16	-	-	LB	M, LB
R.275_A	NCA02_Residential	50	-2	3	4		10	-	8	9	15	-	-	-	M, LB
R.276_A	NCA01_Residential	43	-9	-4	-3		3	-	-	-	8	-	-	-	-
R.277_A	NCA01_Residential	55	3	8	9		15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.278_A	NCA01_Residential	39	-13	-8	-7		-1	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	44	-8	-3	-2		4	-	-	-	9	-	-	-	-
R.280_A	NCA01_Residential	46	-6	-1	0		6	-	-	-	11	-	-	-	M, LB
R.281_A	NCA01_Residential	57	5	10	11		17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.282_A	NCA01_Residential	60	8	13	14		20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.283_A	NCA01_Residential	47	-5	0	1		7	-	-	6	12	-	-	-	M, LB
R.284_A	NCA01_Residential	47	-5	0	1		7	-	-	6	12	-	-	-	M, LB
R.285_A	NCA01_Mixed Use	60	8	13	14		20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.286_A	NCA01_Residential	47	-5	0	1		7	-	-	6	12	-	-	-	M, LB
R.287_A	NCA01_Mixed Use	60	8	13	14		20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.288_A	NCA01_Residential	47	-5	0	1		7	-	-	6	12	-	-	-	M, LB
R.289_A	NCA01_Residential	47	-5	0	1		7	-	-	6	12	-	-	-	M, LB
R.290_A	NCA01_Residential	47	-5	0	1		7	-	-	6	12	-	-	-	M, LB
R.291_A	NCA02_Residential	40	-12	-7	-6		0	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	51	-1	4	5		11	-	9	10	16	-	-	LB	M, LB
R.293_A	NCA01_Residential	49	-3	2	3		9	-	7	8	14	-	-	-	M, LB
R.294_A	NCA01_Mixed Use	59	7	12	13		19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.295_A	NCA01_Residential	42	-10	-5	-4		2	-	-	-	7	-	-	-	-
R.296_A	NCA01_Commercial	41	-29	-29	-29		-29	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	59	7	12	13		19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.298_A	NCA02_Residential	44	-8	-3	-2		4	-	-	-	9	-	-	-	-
R.299_A	NCA01_Commercial	41	-29	-29	-29		-29	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	59	7	12	13		19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.301_A	NCA01_Residential	43	-9	-4	-3		3	-	-	-	8	-	-	-	-
R.302_A	NCA01_Mixed Use	58	6	11	12		18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.303_A	NCA01_Mixed Use	58	6	11	12		18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.304_A	NCA01_Residential	55	3	8	9		15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.305_A	NCA01_Mixed Use	58	6	11	12		18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.306_A	NCA01_Mixed Use	57	5	10	11		17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.307_A	NCA02_Residential	42	-10	-5	-4		2	-	-	-	7	-	-	-	-
R.308_A	NCA01_Mixed Use	57	5	10	11		17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.309_A	NCA01_Mixed Use	57	5	10	11		17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.310_A	NCA01_Mixed Use	54	2	7	8		14	12	12	13	19	-	LB	LB	M, LB
R.311_A	NCA01_Residential	44	-8	-3	-2		4	-	-	-	9	-	-	-	-
R.312_A	NCA01_Residential	55	3	8	9		15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.313_A	NCA02_Residential	39	-13	-8	-7		-1	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	55	-15	-15	-15		-15	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	44	-8	-3	-2		4	-	-	-	9	-	-	-	-
R.316_A	NCA01_Residential	44	-8	-3	-2		4	-	-	-	9	-	-	-	-
R.317_A	NCA01_Mixed Use	56	4	9	10		16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.318_A	NCA01_Residential	44	-8	-3	-2		4	-	-	-	9	-	-	-	-
R.319_A	NCA01_Commercial	49	-21	-21	-21		-21	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	45	-7	-2	-1		5	-	-	-	10	-	-	-	M, LB
R.321_A	NCA01_Residential	45	-7	-2	-1		5	-	-	-	10	-	-	-	M, LB
R.322_A	NCA01_Residential	36	-16	-11	-10		-4	-	-	-	-	-	-	-	-
R.323_A	NCA05_Mixed Use	56	-4	9	10		16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.324_A	NCA01_Residential	45	-7	-2	-1		5	-	-	-	10	-	-	-	M, LB
R.325_A	NCA01_Residential	44	-8	-3	-2		4	-	-	-	9	-	-	-	-
R.326_A	NCA01_Mixed Use	55	3	8	9		15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.327_A	NCA02_Residential	44	-8	-3	-2		4	-	-	-	9	-	-	-	-
R.328_A	NCA01_Mixed Use	55	3	8	9		15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.329_A	NCA01_Residential	53	1	6	7		13	11	11	12	18	-	LB	LB	M, LB
R.330_A	NCA01_Mixed Use	55	3	8	9		15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.331_A	NCA02_Residential	42	-10	-5	-4		2	-	-	-	7	-	-	-	-
R.332_A	NCA01_Mixed Use	55	3	8	9		15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.333_A	NCA01_Residential	43	-9	-4	-3		3	-	-	-	8	-	-	-	-
R.334_A	NCA01_Mixed Use	55	3	8	9		15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.335_A	NCA01_Mixed Use	54	2	7	8		14	12	12	13	19	-	LB	LB	M, LB
R.336_A	NCA01_Mixed Use	54	2	7	8		14	12	12	13	19	-	LB	LB	M, LB
R.337_A	NCA01_Residential	51	-1	4	5		11	-	9	10	16	-	-	LB	M, LB
R.338_A	NCA04_Residential	42	-9	-4	-3		3	-	-	-	8	-	-	-	-
R.339_A	NCA01_Residential	38	-14	-9	-8		-2	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	45	-7	-2	-1		5	-	-	-	10	-	-	-	M, LB
R.341_A	NCA01_Mixed Use	53	1	6	7		13	11	11	12	18	-	LB	LB	M, LB
R.342_A	NCA01_Residential	44	-8	-3	-2		4	-	-	-	9	-	-	-	-
R.343_A	NCA04_Residential	38	-13	-8	-7		-1	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	44	-8	-3	-2		4	-	-	-	9	-	-	-	-
R.345_A	NCA01_Residential	46	-6	-1	0		6	-	-	-	13	-	-	-	M, LB
R.346_A	NCA01_Residential	44	-8	-3	-2		4	-	-	-	9	-	-	-	-
R.347_A	NCA01_Residential	52	0	5	6		12	-	10	11	17	-	LB	LB	M, LB
R.348_A	NCA02_Residential	37	-15	-10	-9		-3	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	44	-8	-3	-2		4	-	-	-	9	-	-	-	-
R.350_A	NCA01_Residential	43	-9	-4	-3		3	-	-	-	8	-	-	-	-
R.351_A	NCA01_Residential	45	-7	-2	-1		5	-	-	-	10	-	-	-	M, LB
R.352_A	NCA01_Residential	42	-10	-5	-4		2	-	-	-	7	-	-	-	-

Table D.12	Mowbray Rd Bridge Construction of base slab and deflection wall	SCN12	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.354_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.355_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.356_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.357_A	NCA02_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.358_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.359_A	NCA01_Place of Worship	49	-6	-6	-6	-6	-	-	-	-	-	-	-	-
R.360_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.361_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.363_A	NCA02_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.368_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.372_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.383_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.387_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.388_A	NCA02_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.392_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.393_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	35	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.398_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.399_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.400_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.401_A	NCA04a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.403_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.404_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.405_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.406_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.407_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.408_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.409_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.410_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.411_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.412_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.413_A	NCA04a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.415_A	NCA01a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	39	-20	-15	-12	-7	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	39	-20	-15	-12	-7	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	42	-17	-12	-9	-4	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	41	-18	-13	-10	-5	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	33	-26	-21	-18	-13	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	38	-21	-16	-13	-8	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	40	-19	-14	-11	-6	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	39	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.448_A	NCA02a_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.453_A	NCA01_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.463_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	42	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.481_A	NCA01_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.485_A	NCA01_Recreational	40	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	33	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	41	-14	-14	-14	-14	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	34	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	20	-35	-30	-30	-23	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	33	-22	-17	-17	-10	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	21	-34	-29	-29	-22	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-

Table D.12	Mowbray Rd Bridge Construction of base slab and deflection wall	SCN12	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-

Table D.13	Mowbray Rd Bridge Install of Precast piles - Standard Hours	SCN13	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	14	-42	-	-	-	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	22	-34	-	-	-	-	-	-	-	-	-	-	-
R.003_A	NCA03_Residential	15	-41	-	-	-	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	13	-43	-	-	-	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	14	-56	-	-	-	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	15	-41	-	-	-	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	14	-42	-	-	-	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	20	-36	-	-	-	-	-	-	-	-	-	-	-
R.009_A	NCA03_Commercial	14	-56	-	-	-	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	14	-42	-	-	-	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	13	-43	-	-	-	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	28	-28	-	-	-	-	-	-	-	-	-	-	-
R.013_A	NCA03_Residential	29	-27	-	-	-	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	16	-40	-	-	-	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	13	-43	-	-	-	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	15	-55	-	-	-	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	15	-41	-	-	-	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	33	-37	-	-	-	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	15	-55	-	-	-	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	12	-44	-	-	-	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	12	-44	-	-	-	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	12	-44	-	-	-	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	15	-55	-	-	-	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	13	-43	-	-	-	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	16	-54	-	-	-	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	18	-38	-	-	-	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	16	-54	-	-	-	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	15	-55	-	-	-	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	15	-55	-	-	-	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	23	-47	-	-	-	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	16	-54	-	-	-	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	30	-40	-	-	-	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	14	-56	-	-	-	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	16	-54	-	-	-	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	14	-56	-	-	-	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	24	-46	-	-	-	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	15	-55	-	-	-	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	15	-55	-	-	-	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	31	-39	-	-	-	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	25	-45	-	-	-	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	15	-55	-	-	-	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	15	-55	-	-	-	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	22	-48	-	-	-	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	16	-54	-	-	-	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	22	-48	-	-	-	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	33	-37	-	-	-	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	29	-41	-	-	-	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	36	-34	-	-	-	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	33	-37	-	-	-	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	37	-33	-	-	-	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	36	-34	-	-	-	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	31	-39	-	-	-	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	38	-32	-	-	-	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	32	-38	-	-	-	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	29	-41	-	-	-	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.103_A	NCA02_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	23	-47	-	-	-	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	31	-24	-	-	-	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.109_A	NCA04_Residential	20	-31	-	-	-	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	22	-48	-	-	-	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	19	-33	-	-	-	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	23	-29	-	-	-	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	22	-30	-	-	-	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.115_A	NCA01_Residential	20	-32	-	-	-	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.117_A	NCA01_Recreational	34	-31	-	-	-	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	34	-36	-	-	-	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	20	-32	-	-	-	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	33	-18	-	-	-	-	-	-	-	-	-	-	-
R.122_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.123_A	NCA01_Residential	20	-32	-	-	-	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	25	-40	-	-	-	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	34	-31	-	-	-	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.127_A	NCA01_Recreational	27	-38	-	-	-	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.129_A	NCA04_Residential	31	-20	-	-	-	-	-	-	-	-	-	-	-
R.130_A	NCA04_Residential	29	-22	-	-	-	-	-	-	-	-	-	-	-
R.131_A	NCA04_Residential	31	-20	-	-	-	-	-	-	-	-	-	-	-
R.132_A	NCA01_Residential	22	-30	-	-	-	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.134_A	NCA01_Recreational	42	-23	-	-	-	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.136_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.137_A	NCA01_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.138_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.139_A	NCA02_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.141_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.142_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.143_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.144_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.145_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.146_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.147_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.148_A	NCA01_Commercial	43	-27	-	-	-	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.150_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.151_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.152_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.153_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.154_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.155_A	NCA04_Residential	38	-13	-	-	-	-	-	-	-	-	-	-	-
R.156_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.157_A	NCA01_Residential	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.158_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.159_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.160_A	NCA02_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.161_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.162_A	NCA05_Residential	33	-40	-	-	-	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.164_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.165_A	NCA01_Residential	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.166_A	NCA02_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.167_A	NCA01_Residential	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.168_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.169_A	NCA01_Commercial	32	-38	-	-	-	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	51	-1	-	-	-	-	-	-	-	-	-	-	-
R.171_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.172_A	NCA01_Residential	49	-3	-	-	-	-	-	-	-	-	-	-	-
R.173_A	NCA01_Commercial	35	-35	-	-	-	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	44	-8	-	-	-	-	-	-	-	-	-	-	-
R.175_A	NCA01_Residential	52	0	-	-	-	-	-	-	-	-	-	-	-
R.176_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-

Table D.13	Mowbray Rd Bridge Install of Precast piles - Standard Hours	SCN13	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	51	-1	-	-	-	-	-	-	-	-	-	-	-
R.178_A	NCA05_Mixed Use	51	-22	-	-	-	-	-	-	-	-	-	-	-
R.179_A	NCA01_Residential	58	6	-	-	-	16	-	-	-	-	-	-	-
R.180_A	NCA01_Residential	49	-3	-	-	-	-	-	-	-	-	-	-	-
R.181_A	NCA01_Residential	56	4	-	-	-	14	-	-	-	-	-	-	-
R.182_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.183_A	NCA01_Commercial	41	-29	-	-	-	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.185_A	NCA01_Residential	57	5	-	-	-	15	-	-	-	-	-	-	-
R.186_A	NCA01_Residential	59	7	-	-	-	17	-	-	-	-	-	-	-
R.187_A	NCA05_Residential	59	-14	-	-	-	-	-	-	-	-	-	-	-
R.188_A	NCA02_Mixed Use	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.189_A	NCA02_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.190_A	NCA05_Residential	48	-25	-	-	-	-	-	-	-	-	-	-	-
R.191_A	NCA04_Residential	33	-18	-	-	-	-	-	-	-	-	-	-	-
R.192_A	NCA04_Residential	28	-23	-	-	-	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	60	-13	-	-	-	-	-	-	-	-	-	-	-
R.194_A	NCA05_Residential	47	-26	-	-	-	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	70	-3	-	-	-	-	-	-	-	-	-	-	-
R.196_A	NCA05_Residential	54	-19	-	-	-	-	-	-	-	-	-	-	-
R.197_A	NCA05_Residential	60	-13	-	-	-	-	-	-	-	-	-	-	-
R.198_A	NCA05_Residential	67	-6	-	-	-	-	-	-	-	-	-	-	-
R.199_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.200_A	NCA05_Residential	56	-17	-	-	-	-	-	-	-	-	-	-	-
R.201_A	NCA01_Residential	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.202_A	NCA05_Residential	64	-9	-	-	-	-	-	-	-	-	-	-	-
R.203_A	NCA04_Residential	34	-17	-	-	-	-	-	-	-	-	-	-	-
R.204_A	NCA05_Industrial	50	-25	-	-	-	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.206_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.207_A	NCA01_Residential	55	3	-	-	-	13	-	-	-	-	-	-	-
R.208_A	NCA05_Residential	56	-17	-	-	-	-	-	-	-	-	-	-	-
R.209_A	NCA01_Residential	58	6	-	-	-	16	-	-	-	-	-	-	-
R.210_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.211_A	NCA01_Residential	52	0	-	-	-	-	-	-	-	-	-	-	-
R.212_A	NCA01_Residential	56	4	-	-	-	14	-	-	-	-	-	-	-
R.213_A	NCA05_Industrial	38	-37	-	-	-	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.215_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.216_A	NCA01_Residential	52	0	-	-	-	-	-	-	-	-	-	-	-
R.217_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.218_A	NCA05_Industrial	36	-39	-	-	-	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	37	-38	-	-	-	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.221_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.222_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.223_A	NCA05_Residential	31	-42	-	-	-	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.225_A	NCA05_Place of Worship	40	-15	-	-	-	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	51	-1	-	-	-	-	-	-	-	-	-	-	-
R.227_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.228_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.229_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.230_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.231_A	NCA01_Residential	50	-2	-	-	-	-	-	-	-	-	-	-	-
R.232_A	NCA01_Residential	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.233_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.234_A	NCA04_Residential	35	-16	-	-	-	-	-	-	-	-	-	-	-
R.235_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.236_A	NCA04_Residential	27	-24	-	-	-	-	-	-	-	-	-	-	-
R.237_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.238_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.239_A	NCA01_Residential	51	-1	-	-	-	-	-	-	-	-	-	-	-
R.240_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.241_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.242_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.243_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.244_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.245_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.246_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.247_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.248_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.249_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.250_A	NCA01_Residential	51	-1	-	-	-	-	-	-	-	-	-	-	-
R.251_A	NCA01_Residential	44	-8	-	-	-	-	-	-	-	-	-	-	-
R.252_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.253_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.254_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.255_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.256_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.257_A	NCA01_Residential	50	-2	-	-	-	-	-	-	-	-	-	-	-
R.258_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.259_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.260_A	NCA01_Residential	49	-3	-	-	-	-	-	-	-	-	-	-	-
R.261_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.262_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.263_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.264_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.265_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.266_A	NCA01_Residential	49	-3	-	-	-	-	-	-	-	-	-	-	-
R.267_A	NCA04_Residential	27	-24	-	-	-	-	-	-	-	-	-	-	-
R.268_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.269_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.270_A	NCA01_Residential	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.271_A	NCA02_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.272_A	NCA01_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.273_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.274_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.275_A	NCA02_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.276_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.277_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.278_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.280_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.281_A	NCA01_Residential	44	-8	-	-	-	-	-	-	-	-	-	-	-
R.282_A	NCA01_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.283_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.284_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.285_A	NCA01_Mixed Use	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.286_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.287_A	NCA01_Mixed Use	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.288_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.289_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.290_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.291_A	NCA02_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.293_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.294_A	NCA01_Mixed Use	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.295_A	NCA01_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	27	-43	-	-	-	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.298_A	NCA02_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.299_A	NCA01_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.301_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.302_A	NCA01_Mixed Use	44	-8	-	-	-	-	-	-	-	-	-	-	-
R.303_A	NCA01_Mixed Use	44	-8	-	-	-	-	-	-	-	-	-	-	-
R.304_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.305_A	NCA01_Mixed Use	44	-8	-	-	-	-	-	-	-	-	-	-	-
R.306_A	NCA01_Mixed Use	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.307_A	NCA02_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.308_A	NCA01_Mixed Use	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.309_A	NCA01_Mixed Use	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.310_A	NCA01_Mixed Use	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.311_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.312_A	NCA01_Residential	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.313_A	NCA02_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	41	-29	-	-	-	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.316_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.318_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	34	-36	-	-	-	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	22	-30	-	-	-	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.324_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.327_A	NCA02_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.329_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.330_A	NCA01_Mixed Use	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.331_A	NCA02_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.333_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.334_A	NCA01_Mixed Use	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.335_A	NCA01_Mixed Use	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.336_A	NCA01_Mixed Use	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.337_A	NCA01_Mixed Use	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.338_A	NCA04_Residential	27	-24	-	-	-	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.342_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	22	-29	-	-	-	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.348_A	NCA02_Residential	22	-30	-	-	-	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.352_A	NCA01_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-

Table D.13	Mowbray Rd Bridge Install of Precast piles - Standard Hours	SCN13	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.355_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.358_A	NCA01_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	34	-21	-	-	-	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	23	-29	-	-	-	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	23	-29	-	-	-	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	23	-29	-	-	-	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.368_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	23	-28	-	-	-	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	23	-29	-	-	-	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.372_A	NCA02_Residential	22	-30	-	-	-	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	23	-29	-	-	-	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	23	-29	-	-	-	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	19	-33	-	-	-	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	23	-29	-	-	-	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	24	-27	-	-	-	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	24	-27	-	-	-	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	17	-35	-	-	-	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	23	-28	-	-	-	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	22	-30	-	-	-	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.383_A	NCA04_Residential	23	-28	-	-	-	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	20	-32	-	-	-	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	23	-28	-	-	-	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.387_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.388_A	NCA02_Residential	17	-35	-	-	-	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	24	-27	-	-	-	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.392_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	21	-31	-	-	-	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	23	-29	-	-	-	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	21	-34	-	-	-	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.399_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	20	-39	-	-	-	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.403_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.406_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.407_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.408_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.410_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.411_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.412_A	NCA01_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.413_A	NCA04a_Residential	15	-44	-	-	-	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	17	-42	-	-	-	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	24	-35	-	-	-	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	24	-35	-	-	-	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	17	-42	-	-	-	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	27	-32	-	-	-	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	26	-33	-	-	-	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	18	-41	-	-	-	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	8	-51	-	-	-	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	14	-45	-	-	-	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	11	-48	-	-	-	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	14	-45	-	-	-	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	16	-43	-	-	-	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	17	-42	-	-	-	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	17	-42	-	-	-	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	12	-47	-	-	-	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	22	-37	-	-	-	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	13	-46	-	-	-	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	14	-45	-	-	-	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	25	-34	-	-	-	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	20	-39	-	-	-	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	23	-47	-	-	-	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	24	-51	-	-	-	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	23	-47	-	-	-	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	21	-31	-	-	-	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	19	-33	-	-	-	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	24	-46	-	-	-	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	22	-48	-	-	-	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	20	-32	-	-	-	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	15	-55	-	-	-	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	19	-33	-	-	-	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	19	-33	-	-	-	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	13	-57	-	-	-	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	22	-48	-	-	-	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	22	-30	-	-	-	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	16	-36	-	-	-	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	14	-38	-	-	-	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	19	-33	-	-	-	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	21	-31	-	-	-	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	16	-36	-	-	-	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	17	-35	-	-	-	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	18	-34	-	-	-	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	15	-37	-	-	-	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	27	-43	-	-	-	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	20	-32	-	-	-	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	9	-61	-	-	-	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	15	-37	-	-	-	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	25	-40	-	-	-	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	16	-54	-	-	-	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	10	-60	-	-	-	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	10	-60	-	-	-	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	21	-31	-	-	-	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	9	-61	-	-	-	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	22	-30	-	-	-	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	18	-47	-	-	-	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	10	-42	-	-	-	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	23	-29	-	-	-	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	7	-45	-	-	-	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	16	-36	-	-	-	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	12	-40	-	-	-	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	20	-32	-	-	-	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	8	-44	-	-	-	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	25	-30	-	-	-	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	21	-30	-	-	-	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	15	-55	-	-	-	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	5	-47	-	-	-	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	20	-31	-	-	-	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	18	-33	-	-	-	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	7	-63	-	-	-	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	15	-55	-	-	-	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	14	-38	-	-	-	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	17	-35	-	-	-	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	6	-46	-	-	-	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	21	-31	-	-	-	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	21	-31	-	-	-	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	16	-36	-	-	-	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	19	-36	-	-	-	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	15	-37	-	-	-	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	10	-60	-	-	-	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	17	-35	-	-	-	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	5	-50	-	-	-	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	18	-37	-	-	-	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	6	-49	-	-	-	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	11	-59	-	-	-	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	13	-57	-	-	-	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	5	-65	-	-	-	-	-	-	-	-	-	-	-

Table D.13	Mowbray Rd Bridge Install of Precast piles - Standard Hours	SCN13	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	22	-48	-	-	-	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	2	-68	-	-	-	-	-	-	-	-	-	-	-

Table D.14	Mowbray Rd Bridge Install of Crash Barrier and Footpath - OOHW	SCN14	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	14	-42	-37	-35	-28	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	22	-34	-29	-27	-20	-	-	-	-	-	-	-	-
R.003_A	NCA03_Residential	15	-41	-36	-34	-27	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	13	-43	-38	-36	-29	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	15	-41	-36	-34	-27	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	14	-42	-37	-35	-28	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	20	-36	-31	-29	-22	-	-	-	-	-	-	-	-
R.009_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	14	-42	-37	-35	-28	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	13	-43	-38	-36	-29	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.013_A	NCA03_Residential	29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	16	-40	-35	-33	-26	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	13	-43	-38	-36	-29	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	15	-41	-36	-34	-27	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	12	-44	-39	-37	-30	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	12	-44	-39	-37	-30	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	12	-44	-39	-37	-30	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	13	-43	-38	-36	-29	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	18	-38	-33	-31	-24	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.094_A	NCA04_Residential	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.100_A	NCA02_Residential	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.103_A	NCA02_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	31	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.109_A	NCA04_Residential	20	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.115_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.117_A	NCA01_Recreational	34	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	33	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.122_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.123_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	25	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	34	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.127_A	NCA01_Recreational	27	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.129_A	NCA04_Residential	31	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.130_A	NCA04_Residential	29	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.131_A	NCA04_Residential	31	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.132_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.134_A	NCA01_Recreational	42	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.136_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.137_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.138_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.139_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.141_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.142_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.143_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.144_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.145_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.146_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.147_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.148_A	NCA01_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.150_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.151_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.152_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.153_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.154_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.155_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.156_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.157_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.158_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.159_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.160_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.161_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.162_A	NCA05_Residential	33	-40	-35	-32	-17	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.164_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.165_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.166_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.167_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.168_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.169_A	NCA01_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.171_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.172_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.173_A	NCA01_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.175_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.176_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-

Table D.14	Mowbray Rd Bridge Install of Crash Barrier and Footpath - OOHW	SCN14	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.178_A	NCA05_Mixed Use	51	-22	-17	-14	1	-	-	-	6	-	-	-	-
R.179_A	NCA01_Residential	58	6	11	12	18	16	16	17	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.180_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.181_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.182_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.183_A	NCA01_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.185_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.186_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.187_A	NCA05_Residential	59	-14	-9	-6	9	-	-	-	14	-	-	-	M, LB
R.188_A	NCA02_Mixed Use	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.189_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.190_A	NCA05_Residential	48	-25	-20	-17	-2	-	-	-	-	-	-	-	-
R.191_A	NCA04_Residential	33	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.192_A	NCA04_Residential	28	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	60	-13	-8	-5	10	-	-	-	15	-	-	-	M, LB
R.194_A	NCA05_Residential	47	-26	-21	-18	-3	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	70	-3	2	5	20	-	7	10	25	-	-	LB	M, IB, LB, PC, RO, SN
R.196_A	NCA05_Residential	54	-19	-14	-11	4	-	-	-	9	-	-	-	-
R.197_A	NCA05_Residential	60	-13	-8	-5	10	-	-	-	15	-	-	-	M, LB
R.198_A	NCA05_Residential	67	-6	-1	2	17	-	-	7	22	-	-	-	M, IB, LB, PC, RO, SN
R.199_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.200_A	NCA05_Residential	56	-17	-12	-9	6	-	-	-	11	-	-	-	M, LB
R.201_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.202_A	NCA05_Residential	64	-9	-4	-1	14	-	-	-	19	-	-	-	M, LB
R.203_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.204_A	NCA05_Industrial	50	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	-	-	-	-	-
R.206_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.207_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.208_A	NCA05_Residential	56	-17	-12	-9	6	-	-	-	11	-	-	-	M, LB
R.209_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.210_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.211_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.212_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.213_A	NCA05_Industrial	38	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.215_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.216_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.217_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.218_A	NCA05_Industrial	36	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	37	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.221_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.222_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.223_A	NCA05_Residential	31	-42	-37	-34	-19	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.225_A	NCA05_Place of Worship	40	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.227_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.228_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.229_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.230_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.231_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.232_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.233_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.234_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.235_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.236_A	NCA04_Residential	27	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.237_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.238_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.239_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.240_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.241_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.242_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.243_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.244_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.245_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.246_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.247_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.248_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.249_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.250_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.251_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.252_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.253_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.254_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.255_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.256_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.257_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.258_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.259_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.260_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.261_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.262_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.263_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.264_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.265_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.266_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.267_A	NCA04_Residential	27	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.268_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.269_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.270_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.271_A	NCA02_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.272_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.273_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.274_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.275_A	NCA02_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.276_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.277_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.278_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.280_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.281_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.282_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.283_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.284_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.285_A	NCA01_Mixed Use	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.286_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.287_A	NCA01_Mixed Use	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.288_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.289_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.290_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.291_A	NCA02_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.293_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.294_A	NCA01_Mixed Use	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.295_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.298_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.299_A	NCA01_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.301_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.302_A	NCA01_Mixed Use	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.303_A	NCA01_Mixed Use	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.304_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.305_A	NCA01_Mixed Use	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.306_A	NCA01_Mixed Use	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.307_A	NCA02_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.308_A	NCA01_Mixed Use	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.309_A	NCA01_Mixed Use	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.310_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.311_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.312_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.313_A	NCA02_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.316_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.318_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.324_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.327_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.329_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.330_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.331_A	NCA02_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.333_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.334_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.335_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.336_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.337_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.338_A	NCA04_Residential	27	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.342_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	22	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.348_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.352_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-

Table D.14	Mowbray Rd Bridge Install of Crash Barrier and Footpath - OOHW	SCN14	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.355_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.358_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	34	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.368_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	23	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.372_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	24	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	24	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	23	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.383_A	NCA04_Residential	23	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	23	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.387_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.388_A	NCA02_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	24	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.392_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	21	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.399_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	20	-39	-34	-31	-26	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.403_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.406_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.407_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.408_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.410_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.411_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.412_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.413_A	NCA04a_Residential	15	-44	-39	-36	-31	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	17	-42	-37	-34	-29	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	17	-42	-37	-34	-29	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	18	-41	-36	-33	-28	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	8	-51	-46	-43	-38	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	14	-45	-40	-37	-32	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	11	-48	-43	-40	-35	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	14	-45	-40	-37	-32	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	16	-43	-38	-35	-30	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	17	-42	-37	-34	-29	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	17	-42	-37	-34	-29	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	12	-47	-42	-39	-34	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	13	-46	-41	-38	-33	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	14	-45	-40	-37	-32	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	20	-39	-34	-31	-26	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	24	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	25	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	18	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	25	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	21	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	20	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	18	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	19	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	5	-50	-45	-45	-38	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	18	-37	-32	-32	-25	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	6	-49	-44	-44	-37	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-

Table D.14	Mowbray Rd Bridge Install of Crash Barrier and Footpath - OOHW	SCN14	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-

Table D.15	Mowbray Rd Bridge Footpath alterations / Road Works - Standard Hours	SCN15	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	16	-40	-	-	-	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	24	-32	-	-	-	-	-	-	-	-	-	-	-
R.003_A	NCA03_Residential	17	-39	-	-	-	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	15	-41	-	-	-	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	16	-54	-	-	-	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	17	-39	-	-	-	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	16	-40	-	-	-	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	22	-34	-	-	-	-	-	-	-	-	-	-	-
R.009_A	NCA03_Commercial	15	-55	-	-	-	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	16	-40	-	-	-	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	15	-41	-	-	-	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	30	-26	-	-	-	-	-	-	-	-	-	-	-
R.013_A	NCA03_Residential	31	-25	-	-	-	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	18	-38	-	-	-	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	15	-41	-	-	-	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	17	-39	-	-	-	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	35	-35	-	-	-	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	14	-42	-	-	-	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	14	-42	-	-	-	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	14	-42	-	-	-	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	28	-42	-	-	-	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	15	-41	-	-	-	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	20	-36	-	-	-	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	28	-42	-	-	-	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	24	-46	-	-	-	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	32	-38	-	-	-	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	15	-55	-	-	-	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	16	-54	-	-	-	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	33	-37	-	-	-	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	16	-54	-	-	-	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	22	-48	-	-	-	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	24	-46	-	-	-	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	24	-46	-	-	-	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	35	-35	-	-	-	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	31	-39	-	-	-	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	22	-48	-	-	-	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	38	-32	-	-	-	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	35	-35	-	-	-	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	39	-31	-	-	-	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	23	-47	-	-	-	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	37	-33	-	-	-	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	33	-37	-	-	-	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	40	-30	-	-	-	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	23	-47	-	-	-	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	34	-36	-	-	-	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	31	-39	-	-	-	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	23	-47	-	-	-	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	19	-51	-	-	-	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.103_A	NCA02_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	23	-47	-	-	-	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	20	-50	-	-	-	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	32	-23	-	-	-	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.109_A	NCA04_Residential	22	-29	-	-	-	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	23	-47	-	-	-	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	21	-31	-	-	-	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.115_A	NCA01_Residential	22	-30	-	-	-	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.117_A	NCA01_Recreational	36	-29	-	-	-	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	35	-35	-	-	-	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	22	-30	-	-	-	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	35	-16	-	-	-	-	-	-	-	-	-	-	-
R.122_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.123_A	NCA01_Residential	22	-30	-	-	-	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	27	-38	-	-	-	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	35	-30	-	-	-	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.127_A	NCA01_Recreational	29	-36	-	-	-	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	41	-11	-	-	-	-	-	-	-	-	-	-	-
R.129_A	NCA04_Residential	32	-19	-	-	-	-	-	-	-	-	-	-	-
R.130_A	NCA04_Residential	31	-20	-	-	-	-	-	-	-	-	-	-	-
R.131_A	NCA04_Residential	32	-19	-	-	-	-	-	-	-	-	-	-	-
R.132_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.134_A	NCA01_Recreational	44	-21	-	-	-	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.136_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.137_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.138_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.139_A	NCA02_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.141_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.142_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.143_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.144_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.145_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.146_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.147_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.148_A	NCA01_Commercial	44	-26	-	-	-	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.150_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.151_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.152_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.153_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.154_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.155_A	NCA04_Residential	39	-12	-	-	-	-	-	-	-	-	-	-	-
R.156_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.157_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.158_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.159_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.160_A	NCA02_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.161_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.162_A	NCA05_Residential	34	-39	-	-	-	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.164_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.165_A	NCA01_Residential	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.166_A	NCA02_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.167_A	NCA01_Residential	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.168_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.169_A	NCA01_Commercial	33	-37	-	-	-	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	53	1	-	-	-	11	-	-	-	-	-	-	-
R.171_A	NCA01_Residential	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.172_A	NCA01_Residential	51	-1	-	-	-	-	-	-	-	-	-	-	-
R.173_A	NCA01_Commercial	36	-34	-	-	-	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.175_A	NCA01_Residential	54	2	-	-	-	12	-	-	-	-	-	-	-
R.176_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-

Table D.15	Mowbray Rd Bridge Footpath alterations / Road Works - Standard Hours	SCN15	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	53	1	-	-	-	11	-	-	-	-	-	-	-
R.178_A	NCA05_Mixed Use	54	-19	-	-	-	-	-	-	-	-	-	-	-
R.179_A	NCA01_Residential	61	9	-	-	-	19	-	-	-	-	-	-	-
R.180_A	NCA01_Residential	50	-2	-	-	-	-	-	-	-	-	-	-	-
R.181_A	NCA01_Residential	58	6	-	-	-	16	-	-	-	-	-	-	-
R.182_A	NCA01_Residential	49	-3	-	-	-	-	-	-	-	-	-	-	-
R.183_A	NCA01_Commercial	43	-27	-	-	-	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.185_A	NCA01_Residential	60	8	-	-	-	18	-	-	-	-	-	-	-
R.186_A	NCA01_Residential	62	10	-	-	-	20	-	-	-	M, LB	-	-	-
R.187_A	NCA05_Residential	61	-12	-	-	-	-	-	-	-	-	-	-	-
R.188_A	NCA02_Mixed Use	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.189_A	NCA02_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.190_A	NCA05_Residential	50	-23	-	-	-	-	-	-	-	-	-	-	-
R.191_A	NCA04_Residential	35	-16	-	-	-	-	-	-	-	-	-	-	-
R.192_A	NCA04_Residential	29	-22	-	-	-	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	62	-11	-	-	-	-	-	-	-	-	-	-	-
R.194_A	NCA05_Residential	49	-24	-	-	-	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	72	-1	-	-	-	-	-	-	-	-	-	-	-
R.196_A	NCA05_Residential	56	-17	-	-	-	-	-	-	-	-	-	-	-
R.197_A	NCA05_Residential	62	-11	-	-	-	-	-	-	-	-	-	-	-
R.198_A	NCA05_Residential	69	-4	-	-	-	-	-	-	-	-	-	-	-
R.199_A	NCA01_Residential	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.200_A	NCA05_Residential	58	-15	-	-	-	-	-	-	-	-	-	-	-
R.201_A	NCA01_Residential	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.202_A	NCA05_Residential	66	-7	-	-	-	-	-	-	-	-	-	-	-
R.203_A	NCA04_Residential	36	-15	-	-	-	-	-	-	-	-	-	-	-
R.204_A	NCA05_Industrial	52	-23	-	-	-	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	44	-8	-	-	-	-	-	-	-	-	-	-	-
R.206_A	NCA01_Residential	50	-2	-	-	-	-	-	-	-	-	-	-	-
R.207_A	NCA01_Residential	57	5	-	-	-	15	-	-	-	-	-	-	-
R.208_A	NCA05_Residential	57	-16	-	-	-	-	-	-	-	-	-	-	-
R.209_A	NCA01_Residential	60	8	-	-	-	18	-	-	-	-	-	-	-
R.210_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.211_A	NCA01_Residential	53	1	-	-	-	11	-	-	-	-	-	-	-
R.212_A	NCA01_Residential	58	6	-	-	-	16	-	-	-	-	-	-	-
R.213_A	NCA05_Industrial	39	-36	-	-	-	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.215_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.216_A	NCA01_Residential	53	1	-	-	-	11	-	-	-	-	-	-	-
R.217_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.218_A	NCA05_Industrial	38	-37	-	-	-	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	39	-36	-	-	-	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.221_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.222_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.223_A	NCA05_Residential	32	-41	-	-	-	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.225_A	NCA05_Place of Worship	42	-13	-	-	-	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	53	1	-	-	-	11	-	-	-	-	-	-	-
R.227_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.228_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.229_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.230_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.231_A	NCA01_Residential	52	0	-	-	-	-	-	-	-	-	-	-	-
R.232_A	NCA01_Residential	50	-2	-	-	-	-	-	-	-	-	-	-	-
R.233_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.234_A	NCA04_Residential	37	-14	-	-	-	-	-	-	-	-	-	-	-
R.235_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.236_A	NCA04_Residential	29	-22	-	-	-	-	-	-	-	-	-	-	-
R.237_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.238_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.239_A	NCA01_Residential	53	1	-	-	-	11	-	-	-	-	-	-	-
R.240_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.241_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.242_A	NCA01_Residential	49	-3	-	-	-	-	-	-	-	-	-	-	-
R.243_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.244_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.245_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.246_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.247_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.248_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.249_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.250_A	NCA01_Residential	53	1	-	-	-	11	-	-	-	-	-	-	-
R.251_A	NCA01_Residential	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.252_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.253_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.254_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.255_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.256_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.257_A	NCA01_Residential	52	0	-	-	-	-	-	-	-	-	-	-	-
R.258_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.259_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.260_A	NCA01_Residential	52	0	-	-	-	-	-	-	-	-	-	-	-
R.261_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.262_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.263_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.264_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.265_A	NCA01_Residential	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.266_A	NCA01_Residential	51	-1	-	-	-	-	-	-	-	-	-	-	-
R.267_A	NCA04_Residential	28	-23	-	-	-	-	-	-	-	-	-	-	-
R.268_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.269_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.270_A	NCA01_Residential	50	-2	-	-	-	-	-	-	-	-	-	-	-
R.271_A	NCA02_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.272_A	NCA01_Residential	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.273_A	NCA01_Residential	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.274_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.275_A	NCA02_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.276_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.277_A	NCA01_Residential	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.278_A	NCA01_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.280_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.281_A	NCA01_Residential	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.282_A	NCA01_Residential	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.283_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.284_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.285_A	NCA01_Mixed Use	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.286_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.287_A	NCA01_Mixed Use	48	-4	-	-	-	-	-	-	-	-	-	-	-
R.288_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.289_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.290_A	NCA01_Residential	34	-18	-	-	-	-	-	-	-	-	-	-	-
R.291_A	NCA02_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	37	-15	-	-	-	-	-	-	-	-	-	-	-
R.293_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.294_A	NCA01_Mixed Use	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.295_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	28	-42	-	-	-	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.298_A	NCA02_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.299_A	NCA01_Commercial	28	-42	-	-	-	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	47	-5	-	-	-	-	-	-	-	-	-	-	-
R.301_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.302_A	NCA01_Mixed Use	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.303_A	NCA01_Mixed Use	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.304_A	NCA01_Residential	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.305_A	NCA01_Mixed Use	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.306_A	NCA01_Mixed Use	46	-6	-	-	-	-	-	-	-	-	-	-	-
R.307_A	NCA02_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.308_A	NCA01_Mixed Use	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.309_A	NCA01_Mixed Use	45	-7	-	-	-	-	-	-	-	-	-	-	-
R.310_A	NCA01_Mixed Use	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.311_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.312_A	NCA01_Residential	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.313_A	NCA02_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	43	-27	-	-	-	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.316_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	44	-8	-	-	-	-	-	-	-	-	-	-	-
R.318_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	36	-34	-	-	-	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.324_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.327_A	NCA02_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.329_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.330_A	NCA01_Mixed Use	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.331_A	NCA02_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	43	-9	-	-	-	-	-	-	-	-	-	-	-
R.333_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.334_A	NCA01_Mixed Use	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.335_A	NCA01_Mixed Use	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.336_A	NCA01_Mixed Use	42	-10	-	-	-	-	-	-	-	-	-	-	-
R.337_A	NCA01_Mixed Use	39	-13	-	-	-	-	-	-	-	-	-	-	-
R.338_A	NCA04_Residential	29	-22	-	-	-	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.342_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	24	-27	-	-	-	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	40	-12	-	-	-	-	-	-	-	-	-	-	-
R.348_A	NCA02_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.352_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-

Table D.15	Mowbray Rd Bridge Footpath alterations / Road Works - Standard Hours	SCN15	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	38	-14	-	-	-	-	-	-	-	-	-	-	-
R.355_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.358_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	36	-19	-	-	-	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	36	-16	-	-	-	-	-	-	-	-	-	-	-
R.368_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	24	-27	-	-	-	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.372_A	NCA02_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	21	-31	-	-	-	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	25	-26	-	-	-	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	25	-26	-	-	-	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	19	-33	-	-	-	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	25	-26	-	-	-	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	24	-28	-	-	-	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	35	-17	-	-	-	-	-	-	-	-	-	-	-
R.383_A	NCA04_Residential	25	-26	-	-	-	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	21	-31	-	-	-	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	25	-26	-	-	-	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.387_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.388_A	NCA02_Residential	19	-33	-	-	-	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	26	-25	-	-	-	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.392_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	23	-29	-	-	-	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	23	-32	-	-	-	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.399_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	21	-38	-	-	-	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.403_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	31	-21	-	-	-	-	-	-	-	-	-	-	-
R.406_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.407_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.408_A	NCA01_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.410_A	NCA01_Residential	33	-19	-	-	-	-	-	-	-	-	-	-	-
R.411_A	NCA01_Residential	30	-22	-	-	-	-	-	-	-	-	-	-	-
R.412_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.413_A	NCA04a_Residential	17	-42	-	-	-	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	32	-20	-	-	-	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	18	-41	-	-	-	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	26	-33	-	-	-	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	25	-34	-	-	-	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	19	-40	-	-	-	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	28	-31	-	-	-	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	27	-32	-	-	-	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	20	-39	-	-	-	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	10	-49	-	-	-	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	16	-43	-	-	-	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	13	-46	-	-	-	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	16	-43	-	-	-	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	17	-42	-	-	-	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	19	-40	-	-	-	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	18	-41	-	-	-	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	14	-45	-	-	-	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	24	-35	-	-	-	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	14	-45	-	-	-	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	16	-43	-	-	-	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	26	-33	-	-	-	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	22	-37	-	-	-	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	25	-45	-	-	-	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	25	-50	-	-	-	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	25	-45	-	-	-	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	22	-30	-	-	-	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	20	-32	-	-	-	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	26	-44	-	-	-	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	28	-42	-	-	-	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Comercial	24	-46	-	-	-	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	22	-48	-	-	-	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	22	-30	-	-	-	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	27	-25	-	-	-	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	16	-54	-	-	-	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	21	-31	-	-	-	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	20	-32	-	-	-	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	15	-55	-	-	-	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	23	-47	-	-	-	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	23	-29	-	-	-	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	18	-34	-	-	-	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	16	-36	-	-	-	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	21	-31	-	-	-	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	22	-30	-	-	-	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	18	-34	-	-	-	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	26	-26	-	-	-	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	18	-34	-	-	-	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	19	-33	-	-	-	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	16	-36	-	-	-	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	28	-42	-	-	-	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	21	-31	-	-	-	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	28	-24	-	-	-	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	11	-59	-	-	-	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	17	-35	-	-	-	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	29	-23	-	-	-	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	26	-39	-	-	-	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	11	-59	-	-	-	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	12	-58	-	-	-	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	22	-48	-	-	-	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	23	-29	-	-	-	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	10	-60	-	-	-	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	23	-29	-	-	-	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	20	-45	-	-	-	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	11	-41	-	-	-	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	25	-27	-	-	-	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	8	-44	-	-	-	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	18	-34	-	-	-	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	13	-39	-	-	-	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	22	-30	-	-	-	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	9	-43	-	-	-	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	27	-28	-	-	-	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	22	-29	-	-	-	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	7	-45	-	-	-	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	21	-30	-	-	-	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	20	-31	-	-	-	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	8	-62	-	-	-	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	17	-53	-	-	-	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	16	-36	-	-	-	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	19	-33	-	-	-	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	7	-45	-	-	-	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	22	-30	-	-	-	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	22	-30	-	-	-	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	17	-35	-	-	-	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	20	-35	-	-	-	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	16	-36	-	-	-	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	12	-58	-	-	-	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	18	-34	-	-	-	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	18	-52	-	-	-	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	7	-48	-	-	-	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	21	-49	-	-	-	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	19	-36	-	-	-	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	7	-48	-	-	-	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	12	-58	-	-	-	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	14	-56	-	-	-	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	6	-64	-	-	-	-	-	-	-	-	-	-	-

Table D.15	Mowbray Rd Bridge Footpath alterations / Road Works - Standard Hours	SCN15	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	23	-47	-	-	-	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	4	-66	-	-	-	-	-	-	-	-	-	-	-

Table D.16		Rail Corridor Fence / Noise Walls Installation	SCN16	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description		Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential		33	-23	-18	-16	-9	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential		43	-13	-8	-6	1	-	-	-	6	-	-	-	-
R.003_A	NCA03_Residential		34	-22	-17	-15	-8	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential		24	-32	-27	-25	-18	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial		26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential		27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential		28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential		43	-13	-8	-6	1	-	-	-	6	-	-	-	-
R.009_A	NCA03_Commercial		26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential		29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential		40	-16	-11	-9	-2	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential		44	-12	-7	-5	2	-	-	-	2	-	-	-	-
R.013_A	NCA03_Residential		37	-19	-14	-12	-5	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential		28	-28	-23	-21	-14	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial		27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential		39	-17	-12	-10	-3	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial		27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential		25	-31	-26	-24	-17	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial		47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial		26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential		27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential		29	-27	-22	-20	-13	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential		25	-31	-26	-24	-17	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial		33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial		28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential		27	-29	-24	-22	-15	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial		28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential		34	-22	-17	-15	-8	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial		34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial		28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial		28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial		30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial		28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial		29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial		37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial		29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial		30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial		40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial		25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial		29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial		30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial		30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial		26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial		34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial		29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial		29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial		35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial		32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial		48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial		32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial		29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial		39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial		32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial		32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial		32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial		32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial		35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial		31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial		35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial		29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial		32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial		36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial		34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial		32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial		33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial		35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial		38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial		55	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial		50	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial		34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial		33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial		33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial		36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial		33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial		40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial		49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial		56	-14	-14	-14	-14	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial		54	-16	-16	-16	-16	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial		36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial		56	-14	-14	-14	-14	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial		44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial		32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial		46	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial		31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial		36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial		37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial		33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial		57	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial		53	-17	-17	-17	-17	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial		60	-10	-10	-10	-10	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial		38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial		34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial		44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial		43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial		55	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial		63	-7	-7	-7	-7	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial		35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial		39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial		33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial		35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial		33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential		54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.103_A	NCA02_Commercial		36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial		57	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial		49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial		37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational		54	-1	-1	-1	-1	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential		64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, LB, PC, RO, SN
R.109_A	NCA04_Residential		42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.110_A	NCA01_Commercial		42	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential		53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.112_A	NCA01_Residential		54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.113_A	NCA01_Residential		49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.114_A	NCA01_Residential		61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, LB, PC, RO, SN
R.115_A	NCA01_Residential		41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.116_A	NCA01_Residential		54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.117_A	NCA01_Recreational		60	-5	-5	-5	-5	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial		44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential		50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.120_A	NCA02_Residential		40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential		53	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.122_A	NCA01_Residential		62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, LB, PC, RO, SN
R.123_A	NCA01_Residential		52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.124_A	NCA01_Recreational		61	-4	-4	-4	-4	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational		55	-10	-10	-10	-10	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential		57	5	10	11	17	15	15	16	22	-	LB	LB	M, LB, PC, RO, SN
R.127_A	NCA01_Recreational		62	-3	-3	-3	-3	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential		61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, LB, PC, RO, SN
R.129_A	NCA04_Residential		47	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.130_A	NCA04_Residential		46	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.131_A	NCA04_Residential		53	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.132_A	NCA01_Residential		51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.133_A	NCA01_Residential		57	5	10	11	17	15	15	16	22	-	LB	LB	M, LB, LB, PC, RO, SN
R.134_A	NCA01_Recreational		61	-4	-4	-4	-4	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential		45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.136_A	NCA01_Residential		57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.137_A	NCA01_Residential		55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.138_A	NCA01_Residential		57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.139_A	NCA02_Residential		40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential		58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.141_A	NCA01_Residential		58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.142_A	NCA01_Residential		58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.143_A	NCA01_Residential		53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.144_A	NCA01_Residential		64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.145_A	NCA01_Residential		58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.146_A	NCA01_Residential		54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.147_A	NCA01_Residential		55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.148_A	NCA01_Commercial		62	-8	-8	-8	-8	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential		60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.150_A	NCA01_Residential		51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.151_A	NCA01_Residential		54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.152_A	NCA01_Residential		63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.153_A	NCA01_Residential		58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.154_A	NCA01_Residential		55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.155_A	NCA04_Residential		51	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.156_A	NCA01_Residential		58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.157_A	NCA01_Residential		61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.158_A	NCA01_Residential		59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.159_A	NCA01_Residential		62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.160_A	NCA02_Residential		45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.161_A	NCA01_Residential		56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.162_A	NCA05_Residential		45	-28	-23	-20	-5	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential		61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.164_A	NCA01_Residential		50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.165_A	NCA01_Residential		62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.166_A	NCA02_Residential		43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.167_A	NCA01_Residential		55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.168_A	NCA01_Residential		49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.169_A	NCA01_Commercial		49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential		64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.171_A	NCA01_Residential		53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.172_A	NCA01_Residential		55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.173_A	NCA01_Commercial		44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential		60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.175_A	NCA01_Residential		61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.176_A	NCA01_Residential		43	-9	-4	-3	3	-	-	-	8	-	-	-	-

Table D.16	Rail Corridor Fence / Noise Walls Installation	SCN16	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, LB, LB, PC, RO, SN
R.178_A	NCA05_Mixed Use	50	-23	-18	-15	0	-	-	-	-	-	-	-	-
R.179_A	NCA01_Residential	75	23	28	29	35	33	33	34	40	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.180_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.181_A	NCA01_Residential	66	14	19	20	26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.182_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.183_A	NCA01_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.185_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.186_A	NCA01_Residential	70	18	23	24	30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.187_A	NCA05_Residential	69	-4	1	4	19	-	6	9	24	-	-	-	M, IB, LB, PC, RO, SN
R.188_A	NCA02_Mixed Use	46	-6	-1	0	6	-	-	-	13	-	-	-	M, LB
R.189_A	NCA02_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.190_A	NCA05_Residential	52	-21	-16	-13	2	-	-	-	7	-	-	-	-
R.191_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.192_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	56	-17	-12	-9	6	-	-	-	11	-	-	-	M, LB
R.194_A	NCA05_Residential	49	-24	-19	-16	-1	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	67	-6	-1	2	17	-	-	7	22	-	-	-	M, IB, LB, PC, RO, SN
R.196_A	NCA05_Residential	54	-19	-14	-11	4	-	-	-	9	-	-	-	-
R.197_A	NCA05_Residential	57	-16	-11	-8	7	-	-	-	12	-	-	-	M, LB
R.198_A	NCA05_Residential	63	-10	-5	-2	13	-	-	-	18	-	-	-	M, LB
R.199_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.200_A	NCA05_Residential	55	-18	-13	-10	5	-	-	-	10	-	-	-	M, LB
R.201_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.202_A	NCA05_Mixed Use	67	-6	-1	2	17	-	-	7	22	-	-	-	M, IB, LB, PC, RO, SN
R.203_A	NCA04_Residential	50	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.204_A	NCA05_Industrial	52	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.206_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.207_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.208_A	NCA05_Residential	62	-11	-6	-3	12	-	-	-	17	-	-	-	M, LB
R.209_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.210_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.211_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.212_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.213_A	NCA05_Industrial	48	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.215_A	NCA01_Residential	58	6	11	12	18	16	16	17	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.216_A	NCA01_Residential	66	14	19	20	26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.217_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.218_A	NCA05_Industrial	40	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	44	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.221_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.222_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.223_A	NCA05_Residential	42	-31	-26	-23	-8	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.225_A	NCA05_Place of Worship	42	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	70	18	23	24	30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.227_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.228_A	NCA01_Residential	66	14	19	20	26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.229_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.230_A	NCA01_Residential	66	14	19	20	26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.231_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.232_A	NCA01_Residential	73	21	26	27	33	31	31	32	38	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.233_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.234_A	NCA04_Residential	55	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.235_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.236_A	NCA04_Residential	43	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.237_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.238_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.239_A	NCA01_Residential	71	19	24	25	31	29	29	30	36	M, LB	M, LB	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.240_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.241_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.242_A	NCA01_Residential	74	22	27	28	34	32	32	33	39	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.243_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.244_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.245_A	NCA01_Residential	67	15	20	21	27	25	25	26	32	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.246_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.247_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.248_A	NCA01_Residential	66	14	19	20	26	24	24	25	31	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.249_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.250_A	NCA01_Residential	72	20	25	26	32	30	30	31	37	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.251_A	NCA01_Residential	74	22	27	28	34	32	32	33	39	M, LB	M, IB, LB, PC, RO, SN	M, IB, LB, PC, RO, SN	AA, M, IB, LB, PC, RO, SN
R.252_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.253_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.254_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.255_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.256_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.257_A	NCA01_Residential	70	18	23	24	30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.258_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.259_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.260_A	NCA01_Residential	70	18	23	24	30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.261_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.262_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.263_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.264_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.265_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.266_A	NCA01_Residential	70	18	23	24	30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.267_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.268_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.269_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.270_A	NCA01_Residential	70	18	23	24	30	28	28	29	35	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.271_A	NCA02_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.272_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.273_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.274_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.275_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.276_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.277_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.278_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.279_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.280_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.281_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.282_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.283_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.284_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.285_A	NCA01_Mixed Use	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.286_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.287_A	NCA01_Mixed Use	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.288_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.289_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.290_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.291_A	NCA02_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.293_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.294_A	NCA01_Mixed Use	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.295_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.298_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.299_A	NCA01_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.301_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.302_A	NCA01_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.303_A	NCA01_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.304_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.305_A	NCA01_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.306_A	NCA01_Mixed Use	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.307_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.308_A	NCA01_Mixed Use	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.309_A	NCA01_Mixed Use	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.310_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.311_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.312_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.313_A	NCA02_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	52	-18	-18	-18	-18	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.316_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.317_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.318_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.319_A	NCA01_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.324_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.327_A	NCA02_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.328_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.329_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.330_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.331_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.333_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.334_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.335_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.336_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.337_A	NCA01_Mixed Use	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.338_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.342_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.346_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.348_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.352_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-

Table D.16	Rail Corridor Fence / Noise Walls Installation	SCN16	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.355_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.358_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	47	-8	-8	-8	-8	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.368_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.372_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.383_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.387_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.388_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.392_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	28	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.399_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.403_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.406_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.407_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.408_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.410_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.411_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.412_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.413_A	NCA04a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	33	-26	-21	-18	-13	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	19	-40	-35	-32	-27	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	33	-26	-21	-18	-13	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	34	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	33	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	27	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	33	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	29	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	28	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	21	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.508_A	NCA01_Residential	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	26	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	13	-42	-37	-37	-30	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	24	-31	-26	-26	-19	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	13	-42	-37	-37	-30	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-

Table D.16	Rail Corridor Fence / Noise Walls Installation	SCN16	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-

Table D.17	Orchard Rd Ancillary Facility	SCN17	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	10	-46	-41	-39	-32	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	16	-40	-35	-33	-26	-	-	-	-	-	-	-	-
R.003_A	NCA03_Residential	10	-46	-41	-39	-32	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	9	-47	-42	-40	-33	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	10	-46	-41	-39	-32	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	12	-44	-39	-37	-30	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	17	-39	-34	-32	-25	-	-	-	-	-	-	-	-
R.009_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	11	-45	-40	-38	-31	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	11	-45	-40	-38	-31	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	19	-37	-32	-30	-23	-	-	-	-	-	-	-	-
R.013_A	NCA03_Residential	26	-30	-25	-23	-16	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	12	-44	-39	-37	-30	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	8	-48	-43	-41	-34	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	10	-46	-41	-39	-32	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	8	-48	-43	-41	-34	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	8	-48	-43	-41	-34	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	8	-48	-43	-41	-34	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	9	-47	-42	-40	-33	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	18	-38	-33	-31	-24	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.103_A	NCA02_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	28	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.109_A	NCA04_Residential	16	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.115_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.117_A	NCA01_Recreational	33	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	32	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.122_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.123_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	22	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	32	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.127_A	NCA01_Recreational	23	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.129_A	NCA04_Residential	31	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.130_A	NCA04_Residential	31	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.131_A	NCA04_Residential	31	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.132_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.134_A	NCA01_Recreational	34	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.136_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.137_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.138_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.139_A	NCA02_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.141_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.142_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.143_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.144_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.145_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.146_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.147_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.148_A	NCA01_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.150_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.151_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.152_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.153_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.154_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.155_A	NCA04_Residential	43	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.156_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.157_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.158_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.159_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.160_A	NCA02_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.161_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.162_A	NCA05_Residential	38	-35	-30	-27	-12	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.164_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.165_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.166_A	NCA02_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.167_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.168_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.169_A	NCA01_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.171_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.172_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.173_A	NCA01_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.175_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.176_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-

Table D.17	Orchard Rd Ancillary Facility	SCN17	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.178_A	NCA05_Mixed Use	58	-15	-10	-7	8	-	-	-	13	-	-	-	M, LB
R.179_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.180_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.181_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.182_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.183_A	NCA01_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.185_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.186_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.187_A	NCA05_Residential	63	-10	-5	-2	13	-	-	-	18	-	-	-	M, LB
R.188_A	NCA02_Mixed Use	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.189_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.190_A	NCA05_Residential	62	-11	-6	-3	12	-	-	-	17	-	-	-	M, LB
R.191_A	NCA04_Residential	40	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.192_A	NCA04_Residential	32	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	60	-13	-8	-5	10	-	-	-	15	-	-	-	M, LB
R.194_A	NCA05_Residential	55	-18	-13	-10	5	-	-	-	10	-	-	-	M, LB
R.195_A	NCA05_Residential	59	-14	-9	-6	9	-	-	-	14	-	-	-	M, LB
R.196_A	NCA05_Residential	56	-17	-12	-9	6	-	-	-	11	-	-	-	M, LB
R.197_A	NCA05_Residential	48	-25	-20	-17	-2	-	-	-	-	-	-	-	-
R.198_A	NCA05_Residential	54	-19	-14	-11	4	-	-	-	9	-	-	-	-
R.199_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.200_A	NCA05_Residential	52	-21	-16	-13	2	-	-	-	7	-	-	-	-
R.201_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.202_A	NCA05_Mixed Use	28	-28	-23	-20	-5	-	-	-	-	-	-	-	-
R.203_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.204_A	NCA05_Industrial	50	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.206_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.207_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.208_A	NCA05_Residential	50	-23	-18	-15	0	-	-	-	-	-	-	-	-
R.209_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.210_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.211_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.212_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.213_A	NCA05_Industrial	35	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.215_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.216_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.217_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.218_A	NCA05_Industrial	31	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	34	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.221_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.222_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.223_A	NCA05_Residential	35	-38	-33	-30	-15	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.225_A	NCA05_Place of Worship	40	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.227_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.228_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.229_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.230_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.231_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.232_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.233_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.234_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.235_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.236_A	NCA04_Residential	27	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.237_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.238_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.239_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.240_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.241_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.242_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.243_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.244_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.245_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.246_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.247_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.248_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.249_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.250_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.251_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.252_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.253_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.254_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.255_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.256_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.257_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.258_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.259_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.260_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.261_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.262_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.263_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.264_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.265_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.266_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.267_A	NCA04_Residential	22	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.268_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.269_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.270_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.271_A	NCA02_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.272_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.273_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.274_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.275_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.276_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.277_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.278_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.280_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.281_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.282_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.283_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.284_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.285_A	NCA01_Mixed Use	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.286_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.287_A	NCA01_Mixed Use	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.288_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.289_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.290_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.291_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.293_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.294_A	NCA01_Mixed Use	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.295_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.298_A	NCA02_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.299_A	NCA01_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.301_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.302_A	NCA01_Mixed Use	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.303_A	NCA01_Mixed Use	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.304_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.305_A	NCA01_Mixed Use	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.306_A	NCA01_Mixed Use	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.307_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.308_A	NCA01_Mixed Use	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.309_A	NCA01_Mixed Use	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.310_A	NCA01_Mixed Use	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.311_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.312_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.313_A	NCA02_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.316_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.318_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.324_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.327_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.329_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.330_A	NCA01_Mixed Use	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.331_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.333_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.334_A	NCA01_Mixed Use	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.335_A	NCA01_Mixed Use	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.336_A	NCA01_Mixed Use	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.337_A	NCA01_Mixed Use	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.338_A	NCA04_Residential	19	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.342_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	18	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.348_A	NCA02_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.352_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-

Table D.17	Orchard Rd Ancillary Facility	SCN17	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.355_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.358_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	28	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.368_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	18	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.372_A	NCA02_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	19	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	18	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	18	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.383_A	NCA04_Residential	18	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	18	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.387_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.388_A	NCA02_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	20	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.392_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	17	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.399_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	17	-42	-37	-34	-29	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.403_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.406_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.407_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.408_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.410_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.411_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.412_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.413_A	NCA04a_Residential	12	-47	-42	-39	-34	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	12	-47	-42	-39	-34	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	18	-41	-36	-33	-28	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	18	-41	-36	-33	-28	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	18	-41	-36	-33	-28	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	19	-40	-35	-32	-27	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	17	-42	-37	-34	-29	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	16	-43	-38	-35	-30	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	11	-48	-43	-40	-35	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	9	-50	-45	-42	-37	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	7	-52	-47	-44	-39	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	9	-50	-45	-42	-37	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	12	-47	-42	-39	-34	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	11	-48	-43	-40	-35	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	12	-47	-42	-39	-34	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	7	-52	-47	-44	-39	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	17	-42	-37	-34	-29	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	10	-49	-44	-41	-36	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	10	-49	-44	-41	-36	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	19	-40	-35	-32	-27	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	14	-45	-40	-37	-32	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	18	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	19	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	10	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	3	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	3	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	20	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	15	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	14	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	9	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	2	-50	-45	-44	-38	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	2	-50	-45	-44	-38	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	14	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	0	-55	-50	-50	-43	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	6	-49	-44	-44	-37	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	0	-55	-50	-50	-43	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-

Table D.17	Orchard Rd Ancillary Facility	SCN17	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-

Table D.18	Brand St Ancillary Facility	SCN18	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	6	-50	-45	-43	-36	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.003_A	NCA03_Residential	6	-50	-45	-43	-36	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	6	-50	-45	-43	-36	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	6	-50	-45	-43	-36	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.009_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	6	-50	-45	-43	-36	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	5	-51	-46	-44	-37	-	-	-	-	-	-	-	-
R.013_A	NCA03_Residential	7	-49	-44	-42	-35	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	6	-50	-45	-43	-36	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	4	-52	-47	-45	-38	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	7	-49	-44	-42	-35	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	4	-52	-47	-45	-38	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	4	-52	-47	-45	-38	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	7	-49	-44	-42	-35	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	7	-49	-44	-42	-35	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	22	-34	-29	-27	-20	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.094_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.095_A	NCA01_Residential	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.103_A	NCA01_Residential	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	24	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.109_A	NCA04_Residential	10	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.115_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.117_A	NCA01_Recreational	26	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	23	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.122_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.123_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	14	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	22	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.127_A	NCA01_Recreational	14	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.129_A	NCA04_Residential	22	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.130_A	NCA04_Residential	22	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.131_A	NCA04_Residential	23	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.132_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.134_A	NCA01_Recreational	24	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.136_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.137_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.138_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.139_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.141_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.142_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.143_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.144_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.145_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.146_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.147_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.148_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.150_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.151_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.152_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.153_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.154_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.155_A	NCA04_Residential	30	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.156_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.157_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.158_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.159_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.160_A	NCA02_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.161_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.162_A	NCA05_Residential	30	-43	-38	-35	-20	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.164_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.165_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.166_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.167_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.168_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.169_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.171_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.172_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.173_A	NCA01_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.175_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.176_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-

Table D.18	Brand St Ancillary Facility	SCN18	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.178_A	NCA05_Mixed Use	36	-37	-32	-29	-14	-	-	-	-	-	-	-	-
R.179_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.180_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.181_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.182_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.183_A	NCA01_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.185_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.186_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.187_A	NCA05_Residential	29	-44	-39	-36	-21	-	-	-	-	-	-	-	-
R.188_A	NCA02_Mixed Use	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.189_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.190_A	NCA05_Residential	29	-44	-39	-36	-21	-	-	-	-	-	-	-	-
R.191_A	NCA04_Residential	30	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.192_A	NCA04_Residential	24	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	37	-36	-31	-28	-13	-	-	-	-	-	-	-	-
R.194_A	NCA05_Residential	36	-37	-32	-29	-14	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	34	-39	-34	-31	-16	-	-	-	-	-	-	-	-
R.196_A	NCA05_Residential	38	-35	-30	-27	-12	-	-	-	-	-	-	-	-
R.197_A	NCA05_Residential	34	-39	-34	-31	-16	-	-	-	-	-	-	-	-
R.198_A	NCA05_Residential	41	-32	-27	-24	-9	-	-	-	-	-	-	-	-
R.199_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.200_A	NCA05_Residential	25	-48	-43	-40	-25	-	-	-	-	-	-	-	-
R.201_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.202_A	NCA05_Mixed Use	40	-33	-28	-25	-10	-	-	-	-	-	-	-	-
R.203_A	NCA04_Residential	41	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.204_A	NCA05_Industrial	30	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.206_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.207_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.208_A	NCA05_Residential	44	-29	-24	-21	-6	-	-	-	-	-	-	-	-
R.209_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.210_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	6	-	-	-	-
R.211_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.212_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.213_A	NCA05_Industrial	31	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.215_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	9	-	-	-	-
R.216_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.217_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.218_A	NCA05_Industrial	21	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	34	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.221_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.222_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.223_A	NCA05_Residential	27	-46	-41	-38	-23	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.225_A	NCA05_Place of Worship	25	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.227_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.228_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.229_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.230_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.231_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.232_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.233_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.234_A	NCA04_Residential	47	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.235_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.236_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.237_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.238_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.239_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.240_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.241_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.242_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.243_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.244_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.245_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.246_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.247_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.248_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.249_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.250_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.251_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.252_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.253_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.254_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.255_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.256_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.257_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.258_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.259_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.260_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.261_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.262_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.263_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.264_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.265_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.266_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.267_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.268_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.269_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.270_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.271_A	NCA02_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.272_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.273_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.274_A	NCA01_Residential	69	17	22	23	29	27	27	28	34	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.275_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.276_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.277_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.278_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.279_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.280_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.281_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.282_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.283_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.284_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.285_A	NCA01_Mixed Use	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.286_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.287_A	NCA01_Mixed Use	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.288_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.289_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.290_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.291_A	NCA02_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.293_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.294_A	NCA01_Mixed Use	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.295_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	51	-19	-19	-19	-19	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.298_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.299_A	NCA01_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.301_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.302_A	NCA01_Mixed Use	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.303_A	NCA01_Mixed Use	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.304_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.305_A	NCA01_Mixed Use	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.306_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.307_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.308_A	NCA01_Mixed Use	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.309_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.310_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.311_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.312_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.313_A	NCA02_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.314_A	NCA01_Commercial	51	-19	-19	-19	-19	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.316_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.318_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.323_A	NCA05_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.324_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.327_A	NCA02_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.328_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.329_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.330_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.331_A	NCA02_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.333_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.334_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.335_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.336_A	NCA01_Mixed Use	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.337_A	NCA01_Mixed Use	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.338_A	NCA04_Residential	31	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.342_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	27	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.348_A	NCA02_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.352_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-

Table D.18	Brand St Ancillary Facility	SCN18	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.355_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.358_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	44	-11	-11	-11	-11	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.368_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	24	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.372_A	NCA02_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	29	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	29	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	29	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.383_A	NCA04_Residential	28	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	28	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.387_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.388_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	26	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.392_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	19	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.399_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.403_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.406_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.407_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.408_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.410_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.411_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.412_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.413_A	NCA04a_Residential	20	-39	-34	-31	-26	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	18	-41	-36	-33	-28	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	16	-43	-38	-35	-30	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	16	-43	-38	-35	-30	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	21	-38	-33	-30	-25	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	18	-41	-36	-33	-28	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	6	-53	-48	-45	-40	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	11	-48	-43	-40	-35	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	18	-41	-36	-33	-28	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	19	-40	-35	-32	-27	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	18	-41	-36	-33	-28	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	18	-41	-36	-33	-28	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	21	-38	-33	-30	-25	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	26	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	23	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	18	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	22	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	19	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	17	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	7	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	3	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	5	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	3	-52	-47	-47	-40	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	8	-47	-42	-42	-35	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	3	-52	-47	-47	-40	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-

Table D.18	Brand St Ancillary Facility	SCN18	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-

Table D.19	Brand St Laydown Area	SCN19	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	6	-50	-45	-43	-36	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	2	-54	-49	-47	-40	-	-	-	-	-	-	-	-
R.003_A	NCA03_Residential	5	-51	-46	-44	-37	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	2	-54	-49	-47	-40	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	5	-51	-46	-44	-37	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	5	-51	-46	-44	-37	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	2	-54	-49	-47	-40	-	-	-	-	-	-	-	-
R.009_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	5	-51	-46	-44	-37	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	5	-51	-46	-44	-37	-	-	-	-	-	-	-	-
R.013_A	NCA03_Residential	6	-50	-45	-43	-36	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	6	-50	-45	-43	-36	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	6	-50	-45	-43	-36	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	7	-49	-44	-42	-35	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	5	-51	-46	-44	-37	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	18	-38	-33	-31	-24	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.103_A	NCA02_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	23	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.109_A	NCA04_Residential	10	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.115_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.117_A	NCA01_Recreational	25	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	22	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.122_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.123_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	12	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	23	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.127_A	NCA01_Recreational	12	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.129_A	NCA04_Residential	22	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.130_A	NCA04_Residential	22	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.131_A	NCA04_Residential	22	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.132_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.134_A	NCA01_Recreational	21	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.136_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.137_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.138_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.139_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.141_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.142_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.143_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.144_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.145_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.146_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.147_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.148_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.150_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.151_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.152_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.153_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.154_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.155_A	NCA04_Residential	29	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.156_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.157_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.158_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.159_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.160_A	NCA02_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.161_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.162_A	NCA05_Residential	31	-42	-37	-34	-19	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.164_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.165_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.166_A	NCA02_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.167_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.168_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.169_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.171_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.172_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.173_A	NCA01_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.175_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.176_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-

Table D.19	Brand St Laydown Area	SCN19	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.178_A	NCA05_Mixed Use	36	-37	-32	-29	-14	-	-	-	-	-	-	-	-
R.179_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.180_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.181_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.182_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.183_A	NCA01_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.185_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.186_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.187_A	NCA05_Residential	31	-42	-37	-34	-19	-	-	-	-	-	-	-	-
R.188_A	NCA02_Mixed Use	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.189_A	NCA02_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.190_A	NCA05_Residential	32	-41	-36	-33	-18	-	-	-	-	-	-	-	-
R.191_A	NCA04_Residential	30	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.192_A	NCA04_Residential	25	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	34	-39	-34	-31	-16	-	-	-	-	-	-	-	-
R.194_A	NCA05_Residential	35	-38	-33	-30	-15	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	30	-43	-38	-35	-20	-	-	-	-	-	-	-	-
R.196_A	NCA05_Residential	40	-33	-28	-25	-10	-	-	-	-	-	-	-	-
R.197_A	NCA05_Residential	33	-40	-35	-32	-17	-	-	-	-	-	-	-	-
R.198_A	NCA05_Residential	40	-33	-28	-25	-10	-	-	-	-	-	-	-	-
R.199_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.200_A	NCA05_Residential	23	-50	-45	-42	-27	-	-	-	-	-	-	-	-
R.201_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.202_A	NCA05_Mixed Use	40	-33	-28	-25	-10	-	-	-	-	-	-	-	-
R.203_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.204_A	NCA05_Industrial	31	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.206_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.207_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.208_A	NCA05_Residential	41	-32	-27	-24	-9	-	-	-	-	-	-	-	-
R.209_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.210_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.211_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.212_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.213_A	NCA05_Industrial	32	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.215_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.216_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.217_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.218_A	NCA05_Industrial	18	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	34	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.221_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.222_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.223_A	NCA05_Residential	28	-45	-40	-37	-22	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.225_A	NCA05_Place of Worship	25	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.227_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.228_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.229_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.230_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.231_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.232_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.233_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.234_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.235_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.236_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.237_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.238_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.239_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.240_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.241_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.242_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.243_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.244_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.245_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.246_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.247_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.248_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.249_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.250_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.251_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.252_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.253_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.254_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.255_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.256_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.257_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.258_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.259_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.260_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.261_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.262_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.263_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.264_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.265_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.266_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.267_A	NCA04_Residential	47	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.268_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.269_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.270_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.271_A	NCA02_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.272_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.273_A	NCA01_Residential	47	-5	0	1	7	-	-	-	12	-	-	-	M, LB
R.274_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.275_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.276_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.277_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.278_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	61	9	14	15	21	19	19	20	28	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.280_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.281_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.282_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.283_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.284_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.285_A	NCA01_Mixed Use	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.286_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.287_A	NCA01_Mixed Use	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.288_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.289_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.290_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.291_A	NCA02_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.293_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.294_A	NCA01_Mixed Use	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.295_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.296_A	NCA01_Commercial	59	-11	-11	-11	-11	-	-	-	-	-	-	-	-
R.297_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.298_A	NCA02_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.299_A	NCA01_Commercial	49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.301_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.302_A	NCA01_Mixed Use	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.303_A	NCA01_Mixed Use	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.304_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.305_A	NCA01_Mixed Use	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.306_A	NCA01_Mixed Use	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.307_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.308_A	NCA01_Mixed Use	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.309_A	NCA01_Mixed Use	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.310_A	NCA01_Mixed Use	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.311_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.312_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.313_A	NCA02_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	57	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	48	-4	1	2	8	-	-	6	7	13	-	-	-	M, LB
R.316_A	NCA01_Residential	47	-5	0	1	7	-	-	-	6	12	-	-	-	M, LB
R.317_A	NCA01_Mixed Use	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.318_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.319_A	NCA01_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.321_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.322_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.323_A	NCA04_Mixed Use	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.324_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.325_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.326_A	NCA01_Mixed Use	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.327_A	NCA02_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.329_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.330_A	NCA01_Mixed Use	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.331_A	NCA02_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.332_A	NCA01_Mixed Use	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.333_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.334_A	NCA01_Mixed Use	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.335_A	NCA01_Mixed Use	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.336_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.337_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.338_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.340_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.341_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.342_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.343_A	NCA04_Residential	32	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.345_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.347_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.348_A	NCA02_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.350_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.352_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-

Table D.19	Brand St Laydown Area	SCN19	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.355_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.358_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	46	-9	-9	-9	-9	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.368_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	26	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.372_A	NCA02_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.383_A	NCA04_Residential	33	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	33	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.387_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.388_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	31	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.392_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	27	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.399_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.403_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.406_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.407_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.408_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.410_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.411_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.412_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.413_A	NCA04a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	19	-40	-35	-32	-27	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	16	-43	-38	-35	-30	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	12	-47	-42	-39	-34	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	12	-47	-42	-39	-34	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	15	-44	-39	-36	-31	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	19	-40	-35	-32	-27	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	27	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	24	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	16	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	2	-50	-45	-44	-38	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	23	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	20	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	2	-50	-45	-44	-38	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	16	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	12	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	2	-50	-45	-44	-38	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	3	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	3	-52	-47	-47	-40	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	7	-48	-43	-43	-36	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	3	-52	-47	-47	-40	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-

Table D.19	Brand St Laydown Area	SCN19	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-

Table D.20	Hampden Road Laydown Area	SCN20	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	9	-47	-42	-40	-33	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	1	-55	-50	-48	-41	-	-	-	-	-	-	-	-
R.003_A	NCA03_Residential	5	-51	-46	-44	-37	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	1	-55	-50	-48	-41	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	5	-51	-46	-44	-37	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	4	-52	-47	-45	-38	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	1	-55	-50	-48	-41	-	-	-	-	-	-	-	-
R.009_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	19	-37	-32	-30	-23	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	1	-55	-50	-48	-41	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	7	-49	-44	-42	-35	-	-	-	-	-	-	-	-
R.013_A	NCA03_Residential	9	-47	-42	-40	-33	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	4	-52	-47	-45	-38	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	1	-55	-50	-48	-41	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	16	-40	-35	-33	-26	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	7	-49	-44	-42	-35	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	2	-54	-49	-47	-40	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	13	-43	-38	-36	-29	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	2	-54	-49	-47	-40	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	15	-41	-36	-34	-27	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.094_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.103_A	NCA02_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	6	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.109_A	NCA04_Residential	6	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.115_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.117_A	NCA01_Recreational	26	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	10	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.122_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.123_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	10	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	25	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.127_A	NCA01_Recreational	10	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.129_A	NCA04_Residential	25	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.130_A	NCA04_Residential	26	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.131_A	NCA04_Residential	25	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.132_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.134_A	NCA01_Recreational	20	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.136_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.137_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.138_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.139_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.141_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.142_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.143_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.144_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.145_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.146_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.147_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.148_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.150_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.151_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.152_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.153_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.154_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.155_A	NCA04_Residential	28	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.156_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.157_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.158_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.159_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.160_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.161_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.162_A	NCA05_Residential	29	-44	-39	-36	-21	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.164_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.165_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.166_A	NCA02_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.167_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.168_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.169_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.171_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.172_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.173_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.175_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.176_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-

Table D.20	Hampden Road Laydown Area	SCN20	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.178_A	NCA05_Mixed Use	31	-42	-37	-34	-19	-	-	-	-	-	-	-	-
R.179_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.180_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.181_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.182_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.183_A	NCA01_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.185_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.186_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.187_A	NCA05_Residential	25	-48	-43	-40	-25	-	-	-	-	-	-	-	-
R.188_A	NCA02_Mixed Use	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.189_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.190_A	NCA05_Residential	29	-44	-39	-36	-21	-	-	-	-	-	-	-	-
R.191_A	NCA04_Residential	30	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.192_A	NCA04_Residential	31	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	30	-43	-38	-35	-20	-	-	-	-	-	-	-	-
R.194_A	NCA05_Residential	29	-44	-39	-36	-21	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	19	-54	-49	-46	-31	-	-	-	-	-	-	-	-
R.196_A	NCA05_Residential	30	-43	-38	-35	-20	-	-	-	-	-	-	-	-
R.197_A	NCA05_Residential	27	-46	-41	-38	-23	-	-	-	-	-	-	-	-
R.198_A	NCA05_Residential	31	-42	-37	-34	-19	-	-	-	-	-	-	-	-
R.199_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.200_A	NCA05_Residential	18	-55	-50	-47	-32	-	-	-	-	-	-	-	-
R.201_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.202_A	NCA05_Residential	23	-50	-45	-42	-27	-	-	-	-	-	-	-	-
R.203_A	NCA04_Residential	32	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.204_A	NCA05_Industrial	28	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.206_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.207_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.208_A	NCA05_Residential	33	-40	-35	-32	-17	-	-	-	-	-	-	-	-
R.209_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.210_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.211_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.212_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.213_A	NCA05_Industrial	27	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.215_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.216_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.217_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.218_A	NCA05_Industrial	12	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	30	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.221_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.222_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.223_A	NCA05_Residential	27	-46	-41	-38	-23	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.225_A	NCA05_Place of Worship	26	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.227_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.228_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.229_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.230_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.231_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.232_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.233_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.234_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.235_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.236_A	NCA04_Residential	40	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.237_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.238_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.239_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.240_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.241_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.242_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.243_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.244_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.245_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.246_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.247_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.248_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.249_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.250_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.251_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.252_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.253_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.254_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.255_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.256_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.257_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.258_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.259_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.260_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.261_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.262_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.263_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.264_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.265_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.266_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.267_A	NCA04_Residential	43	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.268_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.269_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.270_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.271_A	NCA02_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.272_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.273_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.274_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.275_A	NCA02_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.276_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.277_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.278_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.280_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.281_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.282_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.283_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.284_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.285_A	NCA01_Mixed Use	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.286_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.287_A	NCA01_Mixed Use	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.288_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.289_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.290_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.291_A	NCA02_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.293_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.294_A	NCA01_Mixed Use	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.295_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.296_A	NCA01_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.298_A	NCA02_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.299_A	NCA01_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.301_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.302_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.303_A	NCA01_Mixed Use	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.304_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.305_A	NCA01_Mixed Use	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.306_A	NCA01_Mixed Use	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.307_A	NCA02_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.308_A	NCA01_Mixed Use	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.309_A	NCA01_Mixed Use	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.310_A	NCA01_Mixed Use	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.311_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.312_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.313_A	NCA02_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.316_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.317_A	NCA01_Mixed Use	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.318_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.319_A	NCA01_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.321_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.322_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.324_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.325_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.326_A	NCA01_Mixed Use	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.327_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.329_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.330_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.331_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.333_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.334_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.335_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.336_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.337_A	NCA01_Mixed Use	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.338_A	NCA04_Residential	48	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.339_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.342_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.343_A	NCA04_Residential	45	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.344_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.345_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.347_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.348_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.350_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.351_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.352_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB

Table D.20	Hampden Road Laydown Area	SCN20	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.354_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.355_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.356_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.357_A	NCA02_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.358_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.359_A	NCA01_Place of Worship	71	16	16	16	16	29	29	30	-	M, LB	M, LB	M, IB, LB, PC, RO, SN	-
R.360_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.361_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.363_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.365_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.366_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.367_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.368_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.369_A	NCA04_Residential	33	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.371_A	NCA01_Residential	68	16	21	22	28	26	26	27	33	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.372_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.374_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	40	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.378_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.380_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	67	15	20	21	27	25	25	26	32	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.383_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.387_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.388_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.391_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.392_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.393_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.394_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.395_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.396_A	NCA02_Residential	32	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.398_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.399_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.400_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.401_A	NCA04a_Residential	33	-26	-21	-18	-13	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.403_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.404_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.405_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.406_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.407_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.408_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.409_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.410_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.411_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.412_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.413_A	NCA04a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.415_A	NCA01a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	18	-41	-36	-33	-28	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	19	-40	-35	-32	-27	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	17	-42	-37	-34	-29	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	21	-38	-33	-30	-25	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	18	-41	-36	-33	-28	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	28	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	26	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	14	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	23	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	19	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	20	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	6	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	17	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	6	-49	-44	-44	-37	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	7	-48	-43	-43	-36	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	6	-49	-44	-44	-37	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-

Table D.20	Hampden Road Laydown Area	SCN20	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-

Table D.21	Elizabeth St Ancillary Facility	SCN21	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	4	-52	-47	-45	-38	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	2	-54	-49	-47	-40	-	-	-	-	-	-	-	-
R.003_A	NCA03_Residential	4	-52	-47	-45	-38	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	2	-54	-49	-47	-40	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	4	-52	-47	-45	-38	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	4	-52	-47	-45	-38	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	2	-54	-49	-47	-40	-	-	-	-	-	-	-	-
R.009_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	4	-52	-47	-45	-38	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	2	-54	-49	-47	-40	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	2	-54	-49	-47	-40	-	-	-	-	-	-	-	-
R.013_A	NCA03_Residential	9	-47	-42	-40	-33	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	5	-51	-46	-44	-37	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	7	-49	-44	-42	-35	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	9	-47	-42	-40	-33	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	4	-52	-47	-45	-38	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.094_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.103_A	NCA02_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	20	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.109_A	NCA04_Residential	7	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.115_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.117_A	NCA01_Recreational	19	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	12	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.122_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.123_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	11	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	18	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.127_A	NCA01_Recreational	11	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.129_A	NCA04_Residential	19	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.130_A	NCA04_Residential	21	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.131_A	NCA04_Residential	19	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.132_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.134_A	NCA01_Recreational	15	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.136_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.137_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.138_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.139_A	NCA02_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.141_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.142_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.143_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.144_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.145_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.146_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.147_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.148_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.150_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.151_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.152_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.153_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.154_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.155_A	NCA04_Residential	24	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.156_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.157_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.158_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.159_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.160_A	NCA02_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.161_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.162_A	NCA05_Residential	30	-43	-38	-35	-20	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.164_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.165_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.166_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.167_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.168_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.169_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.171_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.172_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.173_A	NCA01_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.175_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.176_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-

Table D.21	Elizabeth St Ancillary Facility	SCN21	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.178_A	NCA05_Mixed Use	28	-45	-40	-37	-22	-	-	-	-	-	-	-	-
R.179_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.180_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.181_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.182_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.183_A	NCA01_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.185_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.186_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.187_A	NCA05_Residential	20	-53	-48	-45	-30	-	-	-	-	-	-	-	-
R.188_A	NCA02_Mixed Use	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.189_A	NCA02_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.190_A	NCA05_Residential	27	-46	-41	-38	-23	-	-	-	-	-	-	-	-
R.191_A	NCA04_Residential	25	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.192_A	NCA04_Residential	27	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	24	-49	-44	-41	-26	-	-	-	-	-	-	-	-
R.194_A	NCA05_Residential	27	-46	-41	-38	-23	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	20	-53	-48	-45	-30	-	-	-	-	-	-	-	-
R.196_A	NCA05_Residential	24	-49	-44	-41	-26	-	-	-	-	-	-	-	-
R.197_A	NCA05_Residential	23	-50	-45	-42	-27	-	-	-	-	-	-	-	-
R.198_A	NCA05_Residential	30	-43	-38	-35	-20	-	-	-	-	-	-	-	-
R.199_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.200_A	NCA05_Residential	17	-56	-51	-48	-33	-	-	-	-	-	-	-	-
R.201_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.202_A	NCA05_Residential	27	-46	-41	-38	-23	-	-	-	-	-	-	-	-
R.203_A	NCA04_Residential	32	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.204_A	NCA05_Industrial	25	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.206_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.207_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.208_A	NCA05_Residential	31	-42	-37	-34	-19	-	-	-	-	-	-	-	-
R.209_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.210_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.211_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.212_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.213_A	NCA05_Industrial	24	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.215_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.216_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.217_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.218_A	NCA05_Industrial	17	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	28	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.221_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.222_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.223_A	NCA05_Residential	27	-46	-41	-38	-23	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.225_A	NCA05_Place of Worship	24	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.227_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.228_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.229_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.230_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.231_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.232_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.233_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.234_A	NCA04_Residential	41	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.235_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.236_A	NCA04_Residential	46	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.237_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.238_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.239_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.240_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.241_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.242_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.243_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.244_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.245_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.246_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.247_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.248_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.249_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.250_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.251_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.252_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.253_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.254_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.255_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.256_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.257_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.258_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.259_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.260_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.261_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.262_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.263_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.264_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.265_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.266_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.267_A	NCA04_Residential	50	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.268_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.269_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.270_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.271_A	NCA02_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.272_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.273_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.274_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.275_A	NCA02_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.276_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.277_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.278_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.280_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.281_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.282_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.283_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.284_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.285_A	NCA01_Mixed Use	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.286_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.287_A	NCA01_Mixed Use	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.288_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.289_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.290_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.291_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.293_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.294_A	NCA01_Mixed Use	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.295_A	NCA01_Residential	64	12	17	18	24	22	22	23	29	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.296_A	NCA01_Commercial	64	-6	-6	-6	-6	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.298_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.299_A	NCA01_Commercial	57	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.301_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.302_A	NCA01_Mixed Use	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.303_A	NCA01_Mixed Use	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.304_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.305_A	NCA01_Mixed Use	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.306_A	NCA01_Mixed Use	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.307_A	NCA02_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.308_A	NCA01_Mixed Use	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.309_A	NCA01_Mixed Use	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.310_A	NCA01_Mixed Use	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.311_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.312_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.313_A	NCA02_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.316_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.317_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.318_A	NCA01_Residential	52	0	5	6	12	-	10	11	17	-	LB	LB	M, LB
R.319_A	NCA01_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.321_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.322_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.324_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.325_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.326_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.327_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.329_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.330_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.331_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.333_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.334_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.335_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.336_A	NCA01_Mixed Use	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.337_A	NCA01_Mixed Use	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.338_A	NCA04_Residential	41	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.339_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.341_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.342_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.343_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.345_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.347_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.348_A	NCA02_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.350_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.351_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.352_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-

Table D.21	Elizabeth St Ancillary Facility	SCN21	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.354_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.355_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.356_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.357_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.358_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.359_A	NCA01_Place of Worship	49	-6	-6	-6	-6	-	-	-	-	-	-	-	-
R.360_A	NCA02_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.361_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.363_A	NCA02_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.365_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.366_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.368_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	26	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.372_A	NCA02_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.383_A	NCA04_Residential	33	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	32	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.387_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.388_A	NCA02_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	33	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.392_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	23	-32	-27	-32	-32	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.399_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.403_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.406_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.407_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.408_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.410_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.411_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.412_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.413_A	NCA04a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	21	-38	-33	-30	-25	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	19	-40	-35	-32	-27	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	14	-45	-40	-37	-32	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	14	-45	-40	-37	-32	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	8	-51	-46	-43	-38	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	11	-48	-43	-40	-35	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	19	-40	-35	-32	-27	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	10	-49	-44	-41	-36	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	13	-46	-41	-38	-33	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	29	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	26	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	19	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	24	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	21	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	18	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	9	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	3	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	14	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	4	-51	-46	-46	-39	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	8	-47	-42	-42	-35	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	4	-51	-46	-46	-39	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-

Table D.21	Elizabeth St Ancillary Facility	SCN21	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-

Table D.22	Elizabeth St Laydown Area	SCN22	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	6	-50	-45	-43	-36	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	0	-56	-51	-49	-42	-	-	-	-	-	-	-	-
R.003_A	NCA03_Residential	2	-54	-49	-47	-40	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	-1	-57	-52	-50	-43	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	6	-50	-45	-43	-36	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	0	-56	-51	-49	-42	-	-	-	-	-	-	-	-
R.009_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	15	-41	-36	-34	-27	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	0	-56	-51	-49	-42	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	4	-52	-47	-45	-38	-	-	-	-	-	-	-	-
R.013_A	NCA03_Residential	7	-49	-44	-42	-35	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	2	-54	-49	-47	-40	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	0	-56	-51	-49	-42	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	14	-42	-37	-35	-28	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	13	-43	-38	-36	-29	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	-1	-57	-52	-50	-43	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	9	-47	-42	-40	-33	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	-1	-57	-52	-50	-43	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	12	-44	-39	-37	-30	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.103_A	NCA02_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	4	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.109_A	NCA04_Residential	4	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.115_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.117_A	NCA01_Recreational	25	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	7	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.122_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.123_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	8	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	23	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.127_A	NCA01_Recreational	8	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.129_A	NCA04_Residential	24	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.130_A	NCA04_Residential	24	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.131_A	NCA04_Residential	24	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.132_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.134_A	NCA01_Recreational	19	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.136_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.137_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.138_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.139_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.141_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.142_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.143_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.144_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.145_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.146_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.147_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.148_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.150_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.151_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.152_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.153_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.154_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.155_A	NCA04_Residential	26	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.156_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.157_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.158_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.159_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.160_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.161_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.162_A	NCA05_Residential	28	-45	-40	-37	-22	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.164_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.165_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.166_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.167_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.168_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.169_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.171_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.172_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.173_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.175_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.176_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-

Table D.22	Elizabeth St Laydown Area	SCN22	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.178_A	NCA05_Mixed Use	28	-45	-40	-37	-22	-	-	-	-	-	-	-	-
R.179_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.180_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.181_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.182_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.183_A	NCA01_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.185_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.186_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.187_A	NCA05_Residential	24	-49	-44	-41	-26	-	-	-	-	-	-	-	-
R.188_A	NCA02_Mixed Use	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.189_A	NCA02_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.190_A	NCA05_Residential	27	-46	-41	-38	-23	-	-	-	-	-	-	-	-
R.191_A	NCA04_Residential	28	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.192_A	NCA04_Residential	29	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	27	-46	-41	-38	-23	-	-	-	-	-	-	-	-
R.194_A	NCA05_Residential	28	-45	-40	-37	-22	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	15	-58	-53	-50	-35	-	-	-	-	-	-	-	-
R.196_A	NCA05_Residential	26	-47	-42	-39	-24	-	-	-	-	-	-	-	-
R.197_A	NCA05_Residential	23	-50	-45	-42	-27	-	-	-	-	-	-	-	-
R.198_A	NCA05_Residential	29	-44	-39	-36	-21	-	-	-	-	-	-	-	-
R.199_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.200_A	NCA05_Residential	14	-59	-54	-51	-36	-	-	-	-	-	-	-	-
R.201_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.202_A	NCA05_Residential	20	-53	-48	-45	-30	-	-	-	-	-	-	-	-
R.203_A	NCA04_Residential	30	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.204_A	NCA05_Industrial	25	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.206_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.207_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.208_A	NCA05_Residential	29	-44	-39	-36	-21	-	-	-	-	-	-	-	-
R.209_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.210_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.211_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.212_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.213_A	NCA05_Industrial	23	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.215_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.216_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.217_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.218_A	NCA05_Industrial	11	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	25	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.221_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.222_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.223_A	NCA05_Residential	25	-48	-43	-40	-25	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.225_A	NCA05_Place of Worship	23	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.227_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.228_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.229_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.230_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.231_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.232_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.233_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.234_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.235_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.236_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.237_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.238_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.239_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.240_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.241_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.242_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.243_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.244_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.245_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.246_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.247_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.248_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.249_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.250_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.251_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.252_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.253_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.254_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.255_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.256_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.257_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.258_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.259_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.260_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.261_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.262_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.263_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.264_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.265_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.266_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.267_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.268_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.269_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.270_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.271_A	NCA02_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.272_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.273_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.274_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.275_A	NCA02_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.276_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.277_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.278_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.280_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.281_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.282_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.283_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.284_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.285_A	NCA01_Mixed Use	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.286_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.287_A	NCA01_Mixed Use	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.288_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.289_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.290_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.291_A	NCA02_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.293_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.294_A	NCA01_Mixed Use	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.295_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.298_A	NCA02_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.299_A	NCA01_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.301_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.302_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.303_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.304_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.305_A	NCA01_Mixed Use	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.306_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.307_A	NCA02_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.308_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.309_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.310_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.311_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.312_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.313_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.316_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.317_A	NCA01_Mixed Use	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.318_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.319_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.321_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.322_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.324_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.325_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.326_A	NCA01_Mixed Use	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.327_A	NCA02_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.329_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.330_A	NCA01_Mixed Use	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.331_A	NCA02_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.333_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.334_A	NCA01_Mixed Use	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.335_A	NCA01_Mixed Use	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.336_A	NCA01_Mixed Use	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.337_A	NCA01_Mixed Use	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.338_A	NCA04_Residential	45	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.339_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.342_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.343_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.344_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.345_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.347_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.348_A	NCA02_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.350_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.351_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.352_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB

Table D.22	Elizabeth St Laydown Area	SCN22	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.354_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.355_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.356_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.357_A	NCA02_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.358_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.359_A	NCA01_Place of Worship	58	3	3	3	3	16	16	17	-	-	LB	LB	-
R.360_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.361_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.363_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.365_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.366_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.367_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.368_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.369_A	NCA04_Residential	32	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.371_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.372_A	NCA02_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.374_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.375_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.377_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.378_A	NCA04_Residential	41	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.379_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	40	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.381_A	NCA02_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.383_A	NCA04_Residential	40	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.384_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.387_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.388_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.391_A	NCA01_Residential	58	6	11	12	18	16	16	17	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.392_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.393_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.394_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.395_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.396_A	NCA02_Educational	31	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.398_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.399_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.400_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.401_A	NCA04a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.403_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.404_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.405_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.406_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.407_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.408_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.410_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.411_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.412_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.413_A	NCA04a_Residential	33	-26	-21	-18	-13	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	46	-13	-8	-5	0	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	54	-5	0	3	8	-	-	8	13	-	-	-	M, LB
R.417_A	NCA01a_Residential	52	-7	-2	1	6	-	-	6	11	-	-	-	M, LB
R.418_A	NCA01a_Residential	51	-8	-3	0	5	-	-	-	10	-	-	-	M, LB
R.419_A	NCA02a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	22	-37	-32	-29	-24	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	33	-26	-21	-18	-13	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	21	-38	-33	-30	-25	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	36	-23	-18	-15	-10	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	37	-22	-17	-14	-9	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	38	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	29	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	34	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	33	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	18	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	24	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	21	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	21	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	9	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	20	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	7	-48	-43	-43	-36	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	16	-39	-34	-34	-27	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	7	-48	-43	-43	-36	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-

Table D.22	Elizabeth St Laydown Area	SCN22	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-

Table D.23	Cleland Rd Ancillary Facility	SCN23	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	0	-56	-51	-49	-42	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	1	-55	-50	-48	-41	-	-	-	-	-	-	-	-
R.003_A	NCA03_Residential	0	-56	-51	-49	-42	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	-4	-60	-55	-53	-46	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	7	-49	-44	-42	-35	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	5	-51	-46	-44	-37	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	-1	-57	-52	-50	-43	-	-	-	-	-	-	-	-
R.009_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	0	-56	-51	-49	-42	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	-1	-57	-52	-50	-43	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	1	-55	-50	-48	-41	-	-	-	-	-	-	-	-
R.013_A	NCA03_Residential	2	-54	-49	-47	-40	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	0	-56	-51	-49	-42	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	-3	-59	-54	-52	-45	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	15	-41	-36	-34	-27	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	15	-41	-36	-34	-27	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	-2	-58	-53	-51	-44	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	-1	-57	-52	-50	-43	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	0	-56	-51	-49	-42	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	8	-48	-43	-41	-34	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.095_A	NCA01_Residential	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.103_A	NCA02_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	4	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.109_A	NCA04_Residential	4	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.115_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.117_A	NCA01_Recreational	24	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	5	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.122_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.123_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	8	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	22	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.127_A	NCA01_Recreational	8	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.129_A	NCA04_Residential	23	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.130_A	NCA04_Residential	23	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.131_A	NCA04_Residential	23	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.132_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.134_A	NCA01_Recreational	20	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.136_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.137_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.138_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.139_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.141_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.142_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.143_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.144_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.145_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.146_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.147_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.148_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.150_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.151_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.152_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.153_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.154_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.155_A	NCA04_Residential	26	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.156_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.157_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.158_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.159_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.160_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.161_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.162_A	NCA05_Residential	26	-47	-42	-39	-24	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.164_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.165_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.166_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.167_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.168_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.169_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.171_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.172_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.173_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.175_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.176_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-

Table D.23	Cleland Rd Ancillary Facility	SCN23	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.178_A	NCA05_Mixed Use	26	-47	-42	-39	-24	-	-	-	-	-	-	-	-
R.179_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.180_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.181_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.182_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.183_A	NCA01_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.185_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.186_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.187_A	NCA05_Residential	24	-49	-44	-41	-26	-	-	-	-	-	-	-	-
R.188_A	NCA02_Mixed Use	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.189_A	NCA02_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.190_A	NCA05_Residential	26	-47	-42	-39	-24	-	-	-	-	-	-	-	-
R.191_A	NCA04_Residential	27	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.192_A	NCA04_Residential	28	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	26	-47	-42	-39	-24	-	-	-	-	-	-	-	-
R.194_A	NCA05_Residential	26	-47	-42	-39	-24	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	17	-56	-51	-48	-33	-	-	-	-	-	-	-	-
R.196_A	NCA05_Residential	26	-47	-42	-39	-24	-	-	-	-	-	-	-	-
R.197_A	NCA05_Residential	23	-50	-45	-42	-27	-	-	-	-	-	-	-	-
R.198_A	NCA05_Residential	28	-45	-40	-37	-22	-	-	-	-	-	-	-	-
R.199_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.200_A	NCA05_Residential	13	-60	-55	-52	-37	-	-	-	-	-	-	-	-
R.201_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.202_A	NCA05_Residential	20	-53	-48	-45	-30	-	-	-	-	-	-	-	-
R.203_A	NCA04_Residential	24	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.204_A	NCA05_Industrial	24	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.206_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.207_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.208_A	NCA05_Residential	27	-46	-41	-38	-23	-	-	-	-	-	-	-	-
R.209_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.210_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.211_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.212_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.213_A	NCA05_Industrial	22	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.215_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.216_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.217_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.218_A	NCA05_Industrial	10	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	20	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.221_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.222_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.223_A	NCA05_Residential	23	-50	-45	-42	-27	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.225_A	NCA05_Place of Worship	20	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.227_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.228_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.229_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.230_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.231_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.232_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.233_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.234_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.235_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.236_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.237_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.238_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.239_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.240_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.241_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.242_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.243_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.244_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.245_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.246_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.247_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.248_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.249_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.250_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.251_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.252_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.253_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.254_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.255_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.256_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.257_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.258_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.259_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.260_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.261_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.262_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.263_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.264_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.265_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.266_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.267_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.268_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.269_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.270_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.271_A	NCA02_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.272_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.273_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.274_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.275_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.276_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.277_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.278_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.280_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.281_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.282_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.283_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.284_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.285_A	NCA01_Mixed Use	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.286_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.287_A	NCA01_Mixed Use	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.288_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.289_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.290_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.291_A	NCA02_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.293_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.294_A	NCA01_Mixed Use	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.295_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.298_A	NCA02_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.299_A	NCA01_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.301_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.302_A	NCA01_Mixed Use	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.303_A	NCA01_Mixed Use	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.304_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.305_A	NCA01_Mixed Use	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.306_A	NCA01_Mixed Use	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.307_A	NCA02_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.308_A	NCA01_Mixed Use	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.309_A	NCA01_Mixed Use	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.310_A	NCA01_Mixed Use	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.311_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.312_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.313_A	NCA02_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.316_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.318_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.324_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.327_A	NCA02_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.329_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.330_A	NCA01_Mixed Use	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.331_A	NCA02_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.333_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.334_A	NCA01_Mixed Use	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.335_A	NCA01_Mixed Use	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.336_A	NCA01_Mixed Use	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.337_A	NCA01_Mixed Use	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.338_A	NCA04_Residential	40	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.339_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.342_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.348_A	NCA02_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.352_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-

Table D.23	_Cleland Rd Ancillary Facility	SCN23	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.355_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.358_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	28	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.368_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.372_A	NCA02_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	40	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.378_A	NCA04_Residential	41	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.379_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.381_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.383_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.384_A	NCA02_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	43	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.386_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.387_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.388_A	NCA02_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	44	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.390_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.392_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	25	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.399_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	41	-18	-13	-10	-5	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.403_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.406_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.407_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.408_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.410_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.411_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.412_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.413_A	NCA04a_Residential	38	-21	-16	-13	-8	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	38	-21	-16	-13	-8	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	65	6	11	14	19	16	16	19	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.417_A	NCA01a_Residential	66	7	12	15	20	17	17	20	25	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.418_A	NCA01a_Residential	66	7	12	15	20	17	17	20	25	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.419_A	NCA02a_Residential	40	-19	-14	-11	-6	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	44	-15	-10	-7	-2	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	44	-15	-10	-7	-2	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	38	-21	-16	-13	-8	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	45	-14	-9	-6	-1	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	33	-26	-21	-18	-13	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	45	-14	-9	-6	-1	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	37	-22	-17	-14	-9	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	53	-17	-17	-17	-17	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	39	-20	-15	-12	-7	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	44	-15	-10	-7	-2	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	41	-18	-13	-10	-5	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	52	-18	-18	-18	-18	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	50	-20	-20	-20	-20	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	50	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.442_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.443_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.445_A	NCA01a_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.448_A	NCA02a_Commercial	44	-26	-26	-26	-26	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.450_A	NCA01a_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.452_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.453_A	NCA01_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.456_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.457_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.463_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	45	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.470_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.475_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.481_A	NCA01_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.485_A	NCA01_Recreational	41	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	24	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	26	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	26	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	27	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	14	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	19	-36	-36	-36	-36	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	9	-46	-41	-41	-34	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	19	-36	-31	-31	-24	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	9	-46	-41	-41	-34	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-

Table D.23	Cleland Rd Ancillary Facility	SCN23	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-

Table D.24	Cleland Rd Laydown Area	SCN24	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	7	-49	-44	-42	-35	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	-1	-57	-52	-50	-43	-	-	-	-	-	-	-	-
R.003_A	NCA03_Residential	1	-55	-50	-48	-41	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	-2	-58	-53	-51	-44	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	6	-50	-45	-43	-36	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	-1	-57	-52	-50	-43	-	-	-	-	-	-	-	-
R.009_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	12	-44	-39	-37	-30	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	-1	-57	-52	-50	-43	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.013_A	NCA03_Residential	7	-49	-44	-42	-35	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	1	-55	-50	-48	-41	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	-2	-58	-53	-51	-44	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	14	-42	-37	-35	-28	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	14	-42	-37	-35	-28	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	3	-59	-54	-52	-45	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	8	-48	-43	-41	-34	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	-1	-57	-52	-50	-43	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	6	-50	-45	-43	-36	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.100_A	NCA02_Residential	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.103_A	NCA02_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	4	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.109_A	NCA04_Residential	3	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.115_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.117_A	NCA01_Recreational	24	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	8	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.122_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.123_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	8	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	23	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.127_A	NCA01_Recreational	8	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.129_A	NCA04_Residential	23	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.130_A	NCA04_Residential	24	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.131_A	NCA04_Residential	23	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.132_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.134_A	NCA01_Recreational	19	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.136_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.137_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.138_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.139_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.141_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.142_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.143_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.144_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.145_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.146_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.147_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.148_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.150_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.151_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.152_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.153_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.154_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.155_A	NCA04_Residential	26	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.156_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.157_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.158_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.159_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.160_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.161_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.162_A	NCA05_Residential	27	-46	-41	-38	-23	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.164_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.165_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.166_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.167_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.168_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.169_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.171_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.172_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.173_A	NCA01_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.175_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.176_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-

Table D.24	Cleland Rd Laydown Area	SCN24	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.178_A	NCA05_Mixed Use	26	-47	-42	-39	-24	-	-	-	-	-	-	-	-
R.179_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.180_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.181_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.182_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.183_A	NCA01_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.185_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.186_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.187_A	NCA05_Residential	23	-50	-45	-42	-27	-	-	-	-	-	-	-	-
R.188_A	NCA02_Mixed Use	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.189_A	NCA02_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.190_A	NCA05_Residential	26	-47	-42	-39	-24	-	-	-	-	-	-	-	-
R.191_A	NCA04_Residential	27	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.192_A	NCA04_Residential	28	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	29	-44	-39	-36	-21	-	-	-	-	-	-	-	-
R.194_A	NCA05_Residential	27	-46	-41	-38	-23	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	17	-56	-51	-48	-33	-	-	-	-	-	-	-	-
R.196_A	NCA05_Residential	27	-46	-41	-38	-23	-	-	-	-	-	-	-	-
R.197_A	NCA05_Residential	24	-49	-44	-41	-26	-	-	-	-	-	-	-	-
R.198_A	NCA05_Residential	28	-45	-40	-37	-22	-	-	-	-	-	-	-	-
R.199_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.200_A	NCA05_Residential	15	-58	-53	-50	-35	-	-	-	-	-	-	-	-
R.201_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.202_A	NCA05_Residential	21	-52	-47	-44	-29	-	-	-	-	-	-	-	-
R.203_A	NCA04_Residential	28	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.204_A	NCA05_Industrial	26	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.206_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.207_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.208_A	NCA05_Residential	27	-46	-41	-38	-23	-	-	-	-	-	-	-	-
R.209_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.210_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.211_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.212_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.213_A	NCA05_Industrial	25	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.215_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.216_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.217_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.218_A	NCA05_Industrial	12	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	25	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.221_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.222_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.223_A	NCA05_Residential	24	-49	-44	-41	-26	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.225_A	NCA05_Place of Worship	25	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.227_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.228_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.229_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.230_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.231_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.232_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.233_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.234_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.235_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.236_A	NCA04_Residential	36	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.237_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.238_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.239_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.240_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.241_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.242_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.243_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.244_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.245_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.246_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.247_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.248_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.249_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.250_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.251_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.252_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.253_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.254_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.255_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.256_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.257_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.258_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.259_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.260_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.261_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.262_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.263_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.264_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.265_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.266_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.267_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.268_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.269_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.270_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.271_A	NCA02_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.272_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.273_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.274_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.275_A	NCA02_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.276_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.277_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.278_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.280_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.281_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.282_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.283_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.284_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.285_A	NCA01_Mixed Use	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.286_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.287_A	NCA01_Mixed Use	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.288_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.289_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.290_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.291_A	NCA02_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.293_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.294_A	NCA01_Mixed Use	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.295_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.298_A	NCA02_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.299_A	NCA01_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.301_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.302_A	NCA01_Mixed Use	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.303_A	NCA01_Mixed Use	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.304_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.305_A	NCA01_Mixed Use	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.306_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.307_A	NCA02_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.308_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.309_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.310_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.311_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.312_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.313_A	NCA02_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.316_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.318_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.324_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.327_A	NCA02_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.329_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.330_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.331_A	NCA02_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.333_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.334_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.335_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.336_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.337_A	NCA01_Mixed Use	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.338_A	NCA04_Residential	46	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.339_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.342_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	41	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.344_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.348_A	NCA02_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.350_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.351_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.352_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-

Table D.24	Cleland Rd Laydown Area	SCN24	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.354_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.355_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.356_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.357_A	NCA02_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.358_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.359_A	NCA01_Place of Worship	44	-11	-11	-11	-11	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.361_A	NCA02_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.363_A	NCA02_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.365_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.366_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.367_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.368_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.369_A	NCA04_Residential	32	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.371_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.372_A	NCA02_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.374_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.375_A	NCA02_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.377_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.378_A	NCA04_Residential	41	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.379_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	40	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.381_A	NCA02_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.383_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	39	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.387_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.388_A	NCA02_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	40	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.390_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	56	4	9	10	16	14	14	15	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.392_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.393_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.394_A	NCA01_Residential	55	3	8	9	15	13	13	14	20	-	LB	LB	M, IB, LB, PC, RO, SN
R.395_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.396_A	NCA02_Educational	28	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.398_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.399_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.400_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.401_A	NCA04a_Residential	36	-23	-18	-15	-10	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.403_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.404_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.405_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.406_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.407_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.408_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.410_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.411_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.412_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.413_A	NCA04a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	49	-10	-5	-2	3	-	-	-	8	-	-	-	-
R.416_A	NCA01a_Residential	59	0	5	8	13	-	10	13	18	-	LB	LB	M, LB
R.417_A	NCA01a_Residential	57	-2	3	6	11	-	8	11	16	-	-	LB	M, LB
R.418_A	NCA01a_Residential	54	-5	0	3	8	-	-	8	13	-	-	-	M, LB
R.419_A	NCA02a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	34	-25	-20	-17	-12	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	38	-21	-16	-13	-8	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	29	-30	-25	-22	-17	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	33	-26	-21	-18	-13	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	39	-20	-15	-12	-7	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	33	-26	-21	-18	-13	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	38	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	35	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	34	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	17	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	21	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	16	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	15	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	9	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	18	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	7	-48	-43	-43	-36	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	18	-37	-32	-32	-25	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	7	-48	-43	-43	-36	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-

Table D.24	Cleland Rd Laydown Area	SCN24	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-

Table D.25	Cleland Rd Stockpiling	SCN25	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	10	-46	-41	-39	-32	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	2	-54	-49	-47	-40	-	-	-	-	-	-	-	-
R.003_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	1	-55	-50	-48	-41	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	8	-48	-43	-41	-34	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	6	-50	-45	-43	-36	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	1	-55	-50	-48	-41	-	-	-	-	-	-	-	-
R.009_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	14	-42	-37	-35	-28	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	2	-54	-49	-47	-40	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	5	-51	-46	-44	-37	-	-	-	-	-	-	-	-
R.013_A	NCA03_Residential	9	-47	-42	-40	-33	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	0	-56	-51	-49	-42	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	16	-40	-35	-33	-26	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	17	-39	-34	-32	-25	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	0	-56	-51	-49	-42	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	10	-46	-41	-39	-32	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	2	-54	-49	-47	-40	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	8	-48	-43	-41	-34	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.103_A	NCA02_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	6	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.109_A	NCA04_Residential	6	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.115_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.117_A	NCA01_Recreational	27	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	10	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.122_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.123_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	10	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	25	-40	-40	-40	-40	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.127_A	NCA01_Recreational	10	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.129_A	NCA04_Residential	25	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.130_A	NCA04_Residential	26	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.131_A	NCA04_Residential	26	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.132_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.134_A	NCA01_Recreational	21	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.136_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.137_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.138_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.139_A	NCA02_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.141_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.142_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.143_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.144_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.145_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.146_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.147_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.148_A	NCA01_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.150_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.151_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.152_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.153_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.154_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.155_A	NCA04_Residential	28	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.156_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.157_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.158_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.159_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.160_A	NCA02_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.161_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.162_A	NCA05_Residential	29	-44	-39	-36	-21	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.164_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.165_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.166_A	NCA02_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.167_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.168_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.169_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.171_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.172_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.173_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.175_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.176_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-

Table D.25	Cleland Rd Stockpiling	SCN25	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.178_A	NCA05_Mixed Use	29	-44	-39	-36	-21	-	-	-	-	-	-	-	-
R.179_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.180_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.181_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.182_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.183_A	NCA01_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.185_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.186_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.187_A	NCA05_Residential	25	-48	-43	-40	-25	-	-	-	-	-	-	-	-
R.188_A	NCA02_Mixed Use	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.189_A	NCA02_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.190_A	NCA05_Residential	29	-44	-39	-36	-21	-	-	-	-	-	-	-	-
R.191_A	NCA04_Residential	30	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.192_A	NCA04_Residential	31	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	31	-42	-37	-34	-19	-	-	-	-	-	-	-	-
R.194_A	NCA05_Residential	29	-44	-39	-36	-21	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	19	-54	-49	-46	-31	-	-	-	-	-	-	-	-
R.196_A	NCA05_Residential	30	-43	-38	-35	-20	-	-	-	-	-	-	-	-
R.197_A	NCA05_Residential	26	-47	-42	-39	-24	-	-	-	-	-	-	-	-
R.198_A	NCA05_Residential	31	-42	-37	-34	-19	-	-	-	-	-	-	-	-
R.199_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.200_A	NCA05_Residential	17	-56	-51	-48	-33	-	-	-	-	-	-	-	-
R.201_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.202_A	NCA05_Residential	23	-50	-45	-42	-27	-	-	-	-	-	-	-	-
R.203_A	NCA04_Residential	30	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.204_A	NCA05_Industrial	28	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.206_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.207_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.208_A	NCA05_Residential	29	-44	-39	-36	-21	-	-	-	-	-	-	-	-
R.209_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.210_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.211_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.212_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.213_A	NCA05_Industrial	28	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.215_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.216_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.217_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.218_A	NCA05_Industrial	15	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	28	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.221_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.222_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.223_A	NCA05_Residential	27	-46	-41	-38	-23	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.225_A	NCA05_Place of Worship	27	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.227_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.228_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.229_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.230_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.231_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.232_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.233_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.234_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.235_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.236_A	NCA04_Residential	38	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.237_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.238_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.239_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.240_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.241_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.242_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.243_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.244_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.245_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.246_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.247_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.248_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.249_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.250_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.251_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.252_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.253_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.254_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.255_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.256_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.257_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.258_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.259_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.260_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.261_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.262_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.263_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.264_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.265_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.266_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.267_A	NCA04_Residential	40	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.268_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.269_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.270_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.271_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.272_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.273_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.274_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.275_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.276_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.277_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.278_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.280_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.281_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.282_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.283_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.284_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.285_A	NCA01_Mixed Use	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.286_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.287_A	NCA01_Mixed Use	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.288_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.289_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.290_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.291_A	NCA02_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.293_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.294_A	NCA01_Mixed Use	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.295_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.296_A	NCA01_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.298_A	NCA02_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.299_A	NCA01_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.301_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.302_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.303_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.304_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.305_A	NCA01_Mixed Use	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.306_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.307_A	NCA02_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.308_A	NCA01_Mixed Use	42	-10	-5	-4	2	-	-	-	2	-	-	-	-
R.309_A	NCA01_Mixed Use	42	-10	-5	-4	2	-	-	-	2	-	-	-	-
R.310_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.311_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	2	-	-	-	-
R.312_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.313_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	40	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.316_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	42	-10	-5	-4	2	-	-	-	2	-	-	-	-
R.318_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	22	-48	-48	-48	-48	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.324_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.327_A	NCA02_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.329_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.330_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.331_A	NCA02_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.333_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.334_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.335_A	NCA01_Mixed Use	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.336_A	NCA01_Mixed Use	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.337_A	NCA01_Mixed Use	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.338_A	NCA04_Residential	48	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.339_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.342_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.343_A	NCA04_Residential	44	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.344_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.345_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.347_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.348_A	NCA02_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.350_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.351_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.352_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB

Table D.25	Cleland Rd Stockpiling	SCN25	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.354_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.355_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.356_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.357_A	NCA02_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.358_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.359_A	NCA01_Place of Worship	47	-8	-8	-8	-8	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.361_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.363_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.365_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.366_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.367_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.368_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.369_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	47	-5	0	1	7	-	-	6	12	-	-	-	M, LB
R.371_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.372_A	NCA02_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.374_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.375_A	NCA02_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.377_A	NCA04_Residential	44	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.378_A	NCA04_Residential	43	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.379_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	43	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.381_A	NCA02_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	51	-1	4	5	11	-	9	10	16	-	-	LB	M, LB
R.383_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.384_A	NCA02_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	41	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.386_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.387_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.388_A	NCA02_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.390_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.391_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.392_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.393_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.394_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.395_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.396_A	NCA02_Educational	30	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.398_A	NCA01_Residential	56	4	9	10	16	14	14	15	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.399_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	13	-	-	-	M, LB
R.400_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.401_A	NCA04a_Residential	39	-20	-15	-12	-7	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.403_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.404_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.405_A	NCA01_Residential	65	13	18	19	25	23	23	24	30	M, LB	M, LB	M, LB	AA, M, IB, LB, PC, RO, SN
R.406_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.407_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.408_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.409_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.410_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.411_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.412_A	NCA01_Residential	63	11	16	17	23	21	21	22	28	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.413_A	NCA04a_Residential	36	-23	-18	-15	-10	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	51	-8	-3	0	5	-	-	-	10	-	-	-	M, LB
R.416_A	NCA01a_Residential	60	1	6	9	14	11	11	14	15	-	LB	LB	M, LB
R.417_A	NCA01a_Residential	58	-1	4	7	12	-	9	12	17	-	-	LB	M, LB
R.418_A	NCA01a_Residential	54	-5	0	3	8	-	-	8	13	-	-	-	M, LB
R.419_A	NCA02a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	36	-23	-18	-15	-10	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	26	-33	-28	-25	-20	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	30	-29	-24	-21	-16	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	31	-28	-23	-20	-15	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	28	-31	-26	-23	-18	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	37	-22	-17	-14	-9	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	39	-20	-15	-12	-7	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	32	-27	-22	-19	-14	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	41	-18	-13	-10	-5	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	40	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.442_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.448_A	NCA02a_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	33	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.453_A	NCA01_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.457_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	31	-39	-39	-39	-39	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.463_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	34	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	36	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	35	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	18	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	24	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	18	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	18	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	11	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	21	-34	-34	-34	-34	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	10	-45	-40	-40	-33	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	17	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	19	-36	-31	-31	-24	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	9	-46	-41	-41	-34	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-

Table D.25	Cleland Rd Stockpiling	SCN25	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-

Table D.26	Lambs Rd Laydown Area	SCN26	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	-4	-60	-55	-53	-46	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	1	-55	-50	-48	-41	-	-	-	-	-	-	-	-
R.003_A	NCA03_Residential	-4	-60	-55	-53	-46	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	-6	-62	-57	-55	-48	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	5	-51	-46	-44	-37	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	6	-50	-45	-43	-36	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	-4	-60	-55	-53	-46	-	-	-	-	-	-	-	-
R.009_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	-2	-58	-53	-51	-44	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	10	-46	-41	-39	-32	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	0	-56	-51	-49	-42	-	-	-	-	-	-	-	-
R.013_A	NCA03_Residential	0	-56	-51	-49	-42	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	0	-56	-51	-49	-42	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	-4	-60	-55	-53	-46	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	15	-41	-36	-34	-27	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	15	-41	-36	-34	-27	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	-3	-59	-54	-52	-45	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	-3	-59	-54	-52	-45	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	-4	-74	-74	-74	-74	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	-2	-58	-53	-51	-44	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	-5	-75	-75	-75	-75	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	15	-41	-36	-34	-27	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	9	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	3	-67	-67	-67	-67	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.100_A	NCA02_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.103_A	NCA01_Residential	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	2	-53	-53	-53	-53	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.109_A	NCA04_Residential	2	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.115_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.117_A	NCA01_Recreational	21	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	7	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.122_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.123_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	4	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	20	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.127_A	NCA01_Recreational	4	-61	-61	-61	-61	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.129_A	NCA04_Residential	20	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.130_A	NCA04_Residential	21	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.131_A	NCA04_Residential	21	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.132_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.134_A	NCA01_Recreational	18	-47	-47	-47	-47	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.136_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.137_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.138_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.139_A	NCA02_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.141_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.142_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.143_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.144_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.145_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.146_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.147_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.148_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.150_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.151_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.152_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.153_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.154_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.155_A	NCA04_Residential	24	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.156_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.157_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.158_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.159_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.160_A	NCA02_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.161_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.162_A	NCA05_Residential	23	-50	-45	-42	-27	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.164_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.165_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.166_A	NCA02_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.167_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.168_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.169_A	NCA01_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.171_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.172_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.173_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.175_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.176_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-

Table D.26	Lambs Rd Laydown Area	SCN26	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.178_A	NCA05_Mixed Use	24	-49	-44	-41	-26	-	-	-	-	-	-	-	-
R.179_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.180_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.181_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.182_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.183_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.185_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.186_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.187_A	NCA05_Residential	22	-51	-46	-43	-28	-	-	-	-	-	-	-	-
R.188_A	NCA02_Mixed Use	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.189_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.190_A	NCA05_Residential	22	-51	-46	-43	-28	-	-	-	-	-	-	-	-
R.191_A	NCA04_Residential	22	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.192_A	NCA04_Residential	25	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	25	-48	-43	-40	-25	-	-	-	-	-	-	-	-
R.194_A	NCA05_Residential	21	-52	-47	-44	-29	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	14	-59	-54	-51	-36	-	-	-	-	-	-	-	-
R.196_A	NCA05_Residential	23	-50	-45	-42	-27	-	-	-	-	-	-	-	-
R.197_A	NCA05_Residential	21	-52	-47	-44	-29	-	-	-	-	-	-	-	-
R.198_A	NCA05_Residential	25	-48	-43	-40	-25	-	-	-	-	-	-	-	-
R.199_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.200_A	NCA05_Residential	11	-62	-57	-54	-39	-	-	-	-	-	-	-	-
R.201_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.202_A	NCA05_Residential	18	-55	-50	-47	-32	-	-	-	-	-	-	-	-
R.203_A	NCA04_Residential	24	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.204_A	NCA05_Industrial	23	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.206_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.207_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.208_A	NCA05_Residential	24	-49	-44	-41	-26	-	-	-	-	-	-	-	-
R.209_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.210_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.211_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.212_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.213_A	NCA05_Industrial	20	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.215_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.216_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.217_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.218_A	NCA05_Industrial	5	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	23	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.221_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.222_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.223_A	NCA05_Residential	21	-52	-47	-44	-29	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.225_A	NCA05_Place of Worship	20	-35	-35	-35	-35	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.227_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.228_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.229_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.230_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.231_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.232_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.233_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.234_A	NCA04_Residential	29	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.235_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.236_A	NCA04_Residential	30	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.237_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.238_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.239_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.240_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.241_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.242_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.243_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.244_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.245_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.246_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.247_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.248_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.249_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.250_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.251_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.252_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.253_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.254_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.255_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.256_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.257_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.258_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.259_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.260_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.261_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.262_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.263_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.264_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.265_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.266_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.267_A	NCA04_Residential	31	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.268_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.269_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.270_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.271_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.272_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.273_A	NCA01_Residential	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.274_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.275_A	NCA02_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.276_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.277_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.278_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.280_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.281_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.282_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.283_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.284_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.285_A	NCA01_Mixed Use	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.286_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.287_A	NCA01_Mixed Use	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.288_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.289_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.290_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.291_A	NCA02_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.292_A	NCA02_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.293_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.294_A	NCA01_Mixed Use	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.295_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.298_A	NCA02_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.299_A	NCA01_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.301_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.302_A	NCA01_Mixed Use	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.303_A	NCA01_Mixed Use	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.304_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.305_A	NCA01_Mixed Use	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.306_A	NCA01_Mixed Use	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.307_A	NCA02_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.308_A	NCA01_Mixed Use	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.309_A	NCA01_Mixed Use	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.310_A	NCA01_Mixed Use	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.311_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.312_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.313_A	NCA02_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.316_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	25	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.318_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.324_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.327_A	NCA02_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.329_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.330_A	NCA01_Mixed Use	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.331_A	NCA02_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.333_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.334_A	NCA01_Mixed Use	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.335_A	NCA01_Mixed Use	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.336_A	NCA01_Mixed Use	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.337_A	NCA01_Mixed Use	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.338_A	NCA04_Residential	37	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.342_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	35	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.348_A	NCA02_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.352_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-

Table D.26	Lambs Rd Laydown Area	SCN26	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.355_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.358_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	14	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.368_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	33	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.372_A	NCA02_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	32	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	33	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	33	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.383_A	NCA04_Residential	33	-18	-13	-12	-6	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	34	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.387_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.388_A	NCA02_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	42	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.390_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.392_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	23	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	30	-25	-25	-25	-25	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.399_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	37	-22	-17	-14	-9	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.403_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.406_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.407_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.408_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.410_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.411_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.412_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.413_A	NCA04a_Residential	45	-14	-9	-6	-1	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	33	-26	-21	-18	-13	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	42	-17	-12	-9	-4	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	44	-15	-10	-7	-2	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	45	-14	-9	-6	-1	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	40	-19	-14	-11	-6	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	38	-21	-16	-13	-8	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	57	-2	3	6	11	-	8	11	16	-	-	LB	M, LB
R.423_A	NCA04a_Residential	38	-21	-16	-13	-8	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	35	-24	-19	-16	-11	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	39	-20	-15	-12	-7	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	51	-8	-3	0	5	-	-	-	10	-	-	-	M, LB
R.427_A	NCA01a_Residential	40	-19	-14	-11	-6	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	60	1	6	9	14	11	11	14	19	-	LB	LB	M, LB
R.429_A	NCA01a_Residential	43	-16	-11	-8	-3	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	62	3	8	11	16	13	13	16	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.431_A	NCA01a_Residential	47	-12	-7	-4	1	-	-	-	6	-	-	-	-
R.432_A	NCA01a_Commercial	57	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	51	-8	-3	0	5	-	-	-	10	-	-	-	M, LB
R.434_A	NCA01a_Residential	62	3	8	11	16	13	13	16	21	-	LB	LB	M, IB, LB, PC, RO, SN
R.435_A	NCA01a_Residential	50	-9	-4	-1	4	-	-	-	9	-	-	-	-
R.436_A	NCA01a_Commercial	46	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.438_A	NCA01a_Commercial	59	-11	-11	-11	-11	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	67	-8	-8	-8	-8	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	42	-28	-28	-28	-28	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.442_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.443_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	41	-11	-6	-5	1	-	-	-	6	-	-	-	-
R.445_A	NCA01a_Commercial	55	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	40	-12	-7	-6	0	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	57	5	10	11	17	15	15	16	22	-	LB	LB	M, IB, LB, PC, RO, SN
R.448_A	NCA02a_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	39	-13	-8	-7	-1	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.453_A	NCA01_Commercial	54	-16	-16	-16	-16	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.455_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.457_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	38	-14	-9	-8	-2	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.463_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	49	-21	-21	-21	-21	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	50	-2	3	4	10	-	8	9	15	-	-	-	M, LB
R.470_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	37	-15	-10	-9	-3	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	49	-3	2	3	9	-	7	8	14	-	-	-	M, LB
R.475_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	36	-16	-11	-10	-4	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	39	-31	-31	-31	-31	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.481_A	NCA01_Commercial	48	-22	-22	-22	-22	-	-	-	-	-	-	-	-
R.482_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	28	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.485_A	NCA01_Recreational	42	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	24	-46	-46	-46	-46	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	31	-21	-16	-15	-9	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	27	-43	-43	-43	-43	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.493_A	NCA01_Recreational	23	-42	-42	-42	-42	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.495_A	NCA01_Residential	30	-22	-17	-16	-10	-	-	-	-	-	-	-	-
R.496_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.497_A	NCA01_Residential	24	-28	-23	-22	-16	-	-	-	-	-	-	-	-
R.498_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.499_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.500_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.501_A	NCA01_Hospital	23	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	27	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	29	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.505_A	NCA04_Residential	28	-23	-18	-17	-11	-	-	-	-	-	-	-	-
R.506_A	NCA04_Residential	14	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.507_A	NCA01_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.510_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.511_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.512_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.513_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.515_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.516_A	NCA01_Hospital	18	-37	-37	-37	-37	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.518_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.520_A	NCA06_Commercial	26	-44	-44	-44	-44	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	22	-33	-28	-28	-21	-	-	-	-	-	-	-	-
R.522_A	NCA06_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	29	-26	-21	-21	-14	-	-	-	-	-	-	-	-
R.525_A	NCA06_Residential	11	-44	-39	-39	-32	-	-	-	-	-	-	-	-
R.526_A	NCA06_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	21	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	20	-50	-50	-50	-50	-	-	-	-	-	-	-	-

Table D.26	Lambs Rd Laydown Area	SCN26	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	23	-47	-47	-47	-47	-	-	-	-	-	-	-	-

Table D.27	St Leonards Yard Laydown Area	SCN27	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.001_A	NCA03_Residential	-3	-59	-54	-52	-45	-	-	-	-	-	-	-	-
R.002_A	NCA03_Residential	-5	-61	-56	-54	-47	-	-	-	-	-	-	-	-
R.003_A	NCA03_Residential	-4	-60	-55	-53	-46	-	-	-	-	-	-	-	-
R.004_A	NCA03_Residential	-5	-61	-56	-54	-47	-	-	-	-	-	-	-	-
R.005_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.006_A	NCA03_Residential	-2	-58	-53	-51	-44	-	-	-	-	-	-	-	-
R.007_A	NCA03_Residential	-3	-59	-54	-52	-45	-	-	-	-	-	-	-	-
R.008_A	NCA03_Residential	-5	-61	-56	-54	-47	-	-	-	-	-	-	-	-
R.009_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.010_A	NCA03_Residential	-4	-60	-55	-53	-46	-	-	-	-	-	-	-	-
R.011_A	NCA03_Residential	-5	-61	-56	-54	-47	-	-	-	-	-	-	-	-
R.012_A	NCA03_Residential	-2	-58	-53	-51	-44	-	-	-	-	-	-	-	-
R.013_A	NCA03_Residential	-2	-58	-53	-51	-44	-	-	-	-	-	-	-	-
R.014_A	NCA03_Residential	-3	-59	-54	-52	-45	-	-	-	-	-	-	-	-
R.015_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.016_A	NCA03_Residential	-5	-61	-56	-54	-47	-	-	-	-	-	-	-	-
R.017_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.018_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.019_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.020_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.021_A	NCA03_Residential	3	-53	-48	-46	-39	-	-	-	-	-	-	-	-
R.022_A	NCA03_Residential	-5	-61	-56	-54	-47	-	-	-	-	-	-	-	-
R.023_A	NCA03_Residential	-5	-61	-56	-54	-47	-	-	-	-	-	-	-	-
R.024_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.025_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.026_A	NCA03_Residential	-5	-61	-56	-54	-47	-	-	-	-	-	-	-	-
R.027_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.028_A	NCA03_Residential	-3	-59	-54	-52	-45	-	-	-	-	-	-	-	-
R.029_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.030_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.031_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.032_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.033_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.034_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.035_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.036_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.037_A	NCA03_Commercial	-4	-74	-74	-74	-74	-	-	-	-	-	-	-	-
R.038_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.039_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.040_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.041_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.042_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.043_A	NCA03_Commercial	-5	-75	-75	-75	-75	-	-	-	-	-	-	-	-
R.044_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.045_A	NCA03_Commercial	-4	-74	-74	-74	-74	-	-	-	-	-	-	-	-
R.046_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.047_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.048_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.049_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.050_A	NCA03_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.051_A	NCA03_Commercial	7	-63	-63	-63	-63	-	-	-	-	-	-	-	-
R.052_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.053_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.054_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.055_A	NCA03_Commercial	-4	-74	-74	-74	-74	-	-	-	-	-	-	-	-
R.056_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.057_A	NCA03_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.058_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.059_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.060_A	NCA03_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.061_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.062_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.063_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.064_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.065_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.066_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.067_A	NCA03_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.068_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.069_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.070_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.071_A	NCA03_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.072_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.073_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.074_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.075_A	NCA03_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.076_A	NCA03_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.077_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.078_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.079_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.080_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.081_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.082_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.083_A	NCA03_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.084_A	NCA03_Commercial	-4	-74	-74	-74	-74	-	-	-	-	-	-	-	-
R.085_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.086_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.087_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.088_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.089_A	NCA03_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.090_A	NCA03_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.091_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.092_A	NCA03_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.093_A	NCA04_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.094_A	NCA04_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.095_A	NCA01_Commercial	-1	-71	-71	-71	-71	-	-	-	-	-	-	-	-
R.096_A	NCA03_Commercial	10	-60	-60	-60	-60	-	-	-	-	-	-	-	-
R.097_A	NCA03_Commercial	-3	-73	-73	-73	-73	-	-	-	-	-	-	-	-
R.098_A	NCA01_Commercial	0	-70	-70	-70	-70	-	-	-	-	-	-	-	-
R.099_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.100_A	NCA02_Residential	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.101_A	NCA03_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.102_A	NCA01_Residential	-2	-54	-49	-48	-42	-	-	-	-	-	-	-	-
R.103_A	NCA02_Residential	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.104_A	NCA01_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.105_A	NCA01_Commercial	-2	-72	-72	-72	-72	-	-	-	-	-	-	-	-
R.106_A	NCA02_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.107_A	NCA01_Educational	-2	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.108_A	NCA01_Residential	2	-50	-45	-44	-38	-	-	-	-	-	-	-	-
R.109_A	NCA04_Residential	-3	-54	-49	-48	-42	-	-	-	-	-	-	-	-
R.110_A	NCA01_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.111_A	NCA01_Residential	-2	-54	-49	-48	-42	-	-	-	-	-	-	-	-
R.112_A	NCA01_Residential	-2	-54	-49	-48	-42	-	-	-	-	-	-	-	-
R.113_A	NCA01_Residential	0	-52	-47	-46	-40	-	-	-	-	-	-	-	-
R.114_A	NCA01_Residential	0	-52	-47	-46	-40	-	-	-	-	-	-	-	-
R.115_A	NCA01_Residential	0	-52	-47	-46	-40	-	-	-	-	-	-	-	-
R.116_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.117_A	NCA01_Recreational	8	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.118_A	NCA02_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.119_A	NCA01_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.120_A	NCA02_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.121_A	NCA04_Residential	-2	-53	-48	-47	-41	-	-	-	-	-	-	-	-
R.122_A	NCA01_Residential	0	-52	-47	-46	-40	-	-	-	-	-	-	-	-
R.123_A	NCA01_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.124_A	NCA01_Recreational	-1	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.125_A	NCA01_Recreational	6	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.126_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.127_A	NCA01_Recreational	-1	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.128_A	NCA01_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.129_A	NCA04_Residential	6	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.130_A	NCA04_Residential	9	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.131_A	NCA04_Residential	5	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.132_A	NCA01_Residential	-2	-54	-49	-48	-42	-	-	-	-	-	-	-	-
R.133_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.134_A	NCA01_Recreational	1	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.135_A	NCA02_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.136_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.137_A	NCA01_Residential	0	-52	-47	-46	-40	-	-	-	-	-	-	-	-
R.138_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.139_A	NCA02_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.140_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.141_A	NCA01_Residential	-1	-53	-48	-47	-41	-	-	-	-	-	-	-	-
R.142_A	NCA01_Residential	2	-50	-45	-44	-38	-	-	-	-	-	-	-	-
R.143_A	NCA01_Residential	3	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.144_A	NCA01_Residential	-1	-53	-48	-47	-41	-	-	-	-	-	-	-	-
R.145_A	NCA01_Residential	3	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.146_A	NCA01_Residential	3	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.147_A	NCA01_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.148_A	NCA01_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.149_A	NCA01_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.150_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.151_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.152_A	NCA01_Residential	0	-52	-47	-46	-40	-	-	-	-	-	-	-	-
R.153_A	NCA01_Residential	2	-50	-45	-44	-38	-	-	-	-	-	-	-	-
R.154_A	NCA01_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.155_A	NCA04_Residential	17	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.156_A	NCA01_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.157_A	NCA01_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.158_A	NCA01_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.159_A	NCA01_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.160_A	NCA02_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.161_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.162_A	NCA05_Residential	18	-55	-50	-47	-32	-	-	-	-	-	-	-	-
R.163_A	NCA01_Residential	2	-50	-45	-44	-38	-	-	-	-	-	-	-	-
R.164_A	NCA01_Residential	0	-52	-47	-46	-40	-	-	-	-	-	-	-	-
R.165_A	NCA01_Residential	0	-52	-47	-46	-40	-	-	-	-	-	-	-	-
R.166_A	NCA02_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.167_A	NCA01_Residential	2	-50	-45	-44	-38	-	-	-	-	-	-	-	-
R.168_A	NCA01_Residential	0	-52	-47	-46	-40	-	-	-	-	-	-	-	-
R.169_A	NCA01_Commercial	1	-69	-69	-69	-69	-	-	-	-	-	-	-	-
R.170_A	NCA01_Residential	0	-52	-47	-46	-40	-	-	-	-	-	-	-	-
R.171_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.172_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.173_A	NCA01_Commercial	2	-68	-68	-68	-68	-	-	-	-	-	-	-	-
R.174_A	NCA01_Residential	3	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.175_A	NCA01_Residential	2	-50	-45	-44	-38	-	-	-	-	-	-	-	-
R.176_A	NCA01_Residential	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-

Table D.27	St Leonards Yard Laydown Area	SCN27	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.177_A	NCA01_Residential	2	-50	-45	-44	-38	-	-	-	-	-	-	-	-
R.178_A	NCA05_Mixed Use	16	-57	-52	-49	-34	-	-	-	-	-	-	-	-
R.179_A	NCA01_Residential	0	-52	-47	-46	-40	-	-	-	-	-	-	-	-
R.180_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.181_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.182_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.183_A	NCA01_Commercial	5	-65	-65	-65	-65	-	-	-	-	-	-	-	-
R.184_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.185_A	NCA01_Residential	2	-50	-45	-44	-38	-	-	-	-	-	-	-	-
R.186_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.187_A	NCA05_Residential	3	-70	-65	-62	-47	-	-	-	-	-	-	-	-
R.188_A	NCA02_Mixed Use	1	-51	-46	-45	-39	-	-	-	-	-	-	-	-
R.189_A	NCA02_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.190_A	NCA05_Residential	16	-57	-52	-49	-34	-	-	-	-	-	-	-	-
R.191_A	NCA04_Residential	7	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.192_A	NCA04_Residential	11	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.193_A	NCA05_Residential	5	-68	-63	-60	-45	-	-	-	-	-	-	-	-
R.194_A	NCA05_Residential	16	-57	-52	-49	-34	-	-	-	-	-	-	-	-
R.195_A	NCA05_Residential	2	-71	-66	-63	-48	-	-	-	-	-	-	-	-
R.196_A	NCA05_Residential	10	-63	-58	-55	-40	-	-	-	-	-	-	-	-
R.197_A	NCA05_Residential	3	-70	-65	-62	-47	-	-	-	-	-	-	-	-
R.198_A	NCA05_Residential	15	-58	-53	-50	-35	-	-	-	-	-	-	-	-
R.199_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.200_A	NCA05_Residential	2	-71	-66	-63	-48	-	-	-	-	-	-	-	-
R.201_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.202_A	NCA05_Residential	15	-58	-53	-50	-35	-	-	-	-	-	-	-	-
R.203_A	NCA04_Residential	17	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.204_A	NCA05_Industrial	13	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.205_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.206_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.207_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.208_A	NCA05_Residential	14	-59	-54	-51	-36	-	-	-	-	-	-	-	-
R.209_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.210_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.211_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.212_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.213_A	NCA05_Industrial	13	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.214_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.215_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.216_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.217_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.218_A	NCA05_Industrial	0	-75	-75	-75	-75	-	-	-	-	-	-	-	-
R.219_A	NCA01_Industrial	13	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.220_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.221_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.222_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.223_A	NCA05_Residential	7	-66	-61	-58	-43	-	-	-	-	-	-	-	-
R.224_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.225_A	NCA05_Place of Worship	3	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.226_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.227_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.228_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.229_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.230_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.231_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.232_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.233_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.234_A	NCA04_Residential	17	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.235_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.236_A	NCA04_Residential	18	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.237_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.238_A	NCA01_Residential	3	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.239_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.240_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.241_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.242_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.243_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.244_A	NCA01_Residential	3	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.245_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.246_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.247_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.248_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.249_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.250_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.251_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.252_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.253_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.254_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.255_A	NCA01_Residential	2	-50	-45	-44	-38	-	-	-	-	-	-	-	-
R.256_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.257_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.258_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.259_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.260_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.261_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.262_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.263_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.264_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.265_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.266_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.267_A	NCA04_Residential	17	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.268_A	NCA01_Residential	2	-50	-45	-44	-38	-	-	-	-	-	-	-	-
R.269_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.270_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.271_A	NCA02_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.272_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.273_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.274_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.275_A	NCA02_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.276_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.277_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.278_A	NCA01_Residential	2	-50	-45	-44	-38	-	-	-	-	-	-	-	-
R.279_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.280_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.281_A	NCA01_Residential	3	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.282_A	NCA01_Residential	3	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.283_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.284_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.285_A	NCA01_Mixed Use	3	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.286_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.287_A	NCA01_Mixed Use	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.288_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.289_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.290_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.291_A	NCA02_Residential	3	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.292_A	NCA01_Residential	2	-50	-45	-44	-38	-	-	-	-	-	-	-	-
R.293_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.294_A	NCA01_Mixed Use	3	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.295_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.296_A	NCA01_Commercial	8	-62	-62	-62	-62	-	-	-	-	-	-	-	-
R.297_A	NCA01_Mixed Use	3	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.298_A	NCA02_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.299_A	NCA01_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.300_A	NCA01_Mixed Use	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.301_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.302_A	NCA01_Mixed Use	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.303_A	NCA01_Mixed Use	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.304_A	NCA01_Residential	3	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.305_A	NCA01_Mixed Use	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.306_A	NCA01_Mixed Use	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.307_A	NCA02_Residential	3	-49	-44	-43	-37	-	-	-	-	-	-	-	-
R.308_A	NCA01_Mixed Use	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.309_A	NCA01_Mixed Use	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.310_A	NCA01_Mixed Use	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.311_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.312_A	NCA01_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.313_A	NCA02_Residential	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.314_A	NCA01_Commercial	4	-66	-66	-66	-66	-	-	-	-	-	-	-	-
R.315_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.316_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.317_A	NCA01_Mixed Use	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.318_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.319_A	NCA01_Commercial	6	-64	-64	-64	-64	-	-	-	-	-	-	-	-
R.320_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.321_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.322_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.323_A	NCA01_Mixed Use	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.324_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.325_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.326_A	NCA01_Mixed Use	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.327_A	NCA02_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.328_A	NCA01_Mixed Use	4	-48	-43	-42	-36	-	-	-	-	-	-	-	-
R.329_A	NCA01_Residential	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.330_A	NCA01_Mixed Use	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.331_A	NCA02_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.332_A	NCA01_Mixed Use	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.333_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.334_A	NCA01_Mixed Use	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.335_A	NCA01_Mixed Use	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.336_A	NCA01_Mixed Use	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.337_A	NCA01_Mixed Use	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.338_A	NCA04_Residential	24	-27	-22	-21	-15	-	-	-	-	-	-	-	-
R.339_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.340_A	NCA02_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.341_A	NCA01_Mixed Use	5	-47	-42	-41	-35	-	-	-	-	-	-	-	-
R.342_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.343_A	NCA04_Residential	25	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.344_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.345_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.346_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.347_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.348_A	NCA02_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.349_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.350_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.351_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.352_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-

Table D.27	St Leonards Yard Laydown Area	SCN27	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.353_A	NCA01_Residential	8	-44	-39	-38	-32	-	-	-	-	-	-	-	-
R.354_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.355_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.356_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.357_A	NCA02_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.358_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.359_A	NCA01_Place of Worship	6	-49	-49	-49	-49	-	-	-	-	-	-	-	-
R.360_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.361_A	NCA02_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.362_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.363_A	NCA02_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.364_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.365_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.366_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.367_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.368_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.369_A	NCA04_Residential	20	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.370_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.371_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.372_A	NCA02_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.373_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.374_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.375_A	NCA02_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.376_A	NCA01_Residential	21	-31	-26	-25	-19	-	-	-	-	-	-	-	-
R.377_A	NCA04_Residential	21	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.378_A	NCA04_Residential	21	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.379_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.380_A	NCA04_Residential	21	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.381_A	NCA02_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.382_A	NCA01_Residential	6	-46	-41	-40	-34	-	-	-	-	-	-	-	-
R.383_A	NCA04_Residential	21	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.384_A	NCA02_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.385_A	NCA04_Residential	22	-29	-24	-23	-17	-	-	-	-	-	-	-	-
R.386_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.387_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.388_A	NCA02_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.389_A	NCA04_Residential	25	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.390_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.391_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.392_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.393_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.394_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.395_A	NCA01_Residential	12	-40	-35	-34	-28	-	-	-	-	-	-	-	-
R.396_A	NCA02_Educational	14	-41	-41	-41	-41	-	-	-	-	-	-	-	-
R.397_A	NCA01_Residential	7	-45	-40	-39	-33	-	-	-	-	-	-	-	-
R.398_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.399_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.400_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.401_A	NCA04a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.402_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.403_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.404_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.405_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.406_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.407_A	NCA01_Residential	9	-43	-38	-37	-31	-	-	-	-	-	-	-	-
R.408_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.409_A	NCA01_Residential	11	-41	-36	-35	-29	-	-	-	-	-	-	-	-
R.410_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.411_A	NCA01_Residential	13	-39	-34	-33	-27	-	-	-	-	-	-	-	-
R.412_A	NCA01_Residential	10	-42	-37	-36	-30	-	-	-	-	-	-	-	-
R.413_A	NCA04a_Residential	16	-43	-38	-35	-30	-	-	-	-	-	-	-	-
R.414_A	NCA02_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.415_A	NCA01a_Residential	12	-47	-42	-39	-34	-	-	-	-	-	-	-	-
R.416_A	NCA01a_Residential	15	-44	-39	-36	-31	-	-	-	-	-	-	-	-
R.417_A	NCA01a_Residential	24	-35	-30	-27	-22	-	-	-	-	-	-	-	-
R.418_A	NCA01a_Residential	23	-36	-31	-28	-23	-	-	-	-	-	-	-	-
R.419_A	NCA02a_Residential	16	-43	-38	-35	-30	-	-	-	-	-	-	-	-
R.420_A	NCA02a_Residential	16	-43	-38	-35	-30	-	-	-	-	-	-	-	-
R.421_A	NCA04a_Residential	14	-45	-40	-37	-32	-	-	-	-	-	-	-	-
R.422_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.423_A	NCA04a_Residential	14	-45	-40	-37	-32	-	-	-	-	-	-	-	-
R.424_A	NCA01a_Residential	16	-43	-38	-35	-30	-	-	-	-	-	-	-	-
R.425_A	NCA01a_Residential	16	-43	-38	-35	-30	-	-	-	-	-	-	-	-
R.426_A	NCA01a_Residential	14	-45	-40	-37	-32	-	-	-	-	-	-	-	-
R.427_A	NCA01a_Residential	15	-44	-39	-36	-31	-	-	-	-	-	-	-	-
R.428_A	NCA01a_Residential	25	-34	-29	-26	-21	-	-	-	-	-	-	-	-
R.429_A	NCA01a_Residential	19	-40	-35	-32	-27	-	-	-	-	-	-	-	-
R.430_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.431_A	NCA01a_Residential	14	-45	-40	-37	-32	-	-	-	-	-	-	-	-
R.432_A	NCA01a_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.433_A	NCA01a_Residential	16	-43	-38	-35	-30	-	-	-	-	-	-	-	-
R.434_A	NCA01a_Residential	27	-32	-27	-24	-19	-	-	-	-	-	-	-	-
R.435_A	NCA01a_Residential	18	-41	-36	-33	-28	-	-	-	-	-	-	-	-
R.436_A	NCA01a_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.437_A	NCA01_Residential	14	-38	-33	-32	-26	-	-	-	-	-	-	-	-
R.438_A	NCA01a_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.439_A	NCA01a_Industrial	19	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.440_A	NCA02a_Commercial	11	-59	-59	-59	-59	-	-	-	-	-	-	-	-
R.441_A	NCA01_Residential	26	-26	-21	-20	-14	-	-	-	-	-	-	-	-
R.442_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.443_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.444_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.445_A	NCA01a_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.446_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.447_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.448_A	NCA02a_Commercial	12	-58	-58	-58	-58	-	-	-	-	-	-	-	-
R.449_A	NCA01_Residential	15	-37	-32	-31	-25	-	-	-	-	-	-	-	-
R.450_A	NCA01a_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.451_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.452_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.453_A	NCA01_Commercial	13	-57	-57	-57	-57	-	-	-	-	-	-	-	-
R.454_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.455_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.456_A	NCA01_Residential	27	-25	-20	-19	-13	-	-	-	-	-	-	-	-
R.457_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.458_A	NCA02a_Commercial	14	-56	-56	-56	-56	-	-	-	-	-	-	-	-
R.459_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.460_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.461_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.462_A	NCA01_Residential	28	-24	-19	-18	-12	-	-	-	-	-	-	-	-
R.463_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.464_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.465_A	NCA01_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.466_A	NCA02_Commercial	15	-55	-55	-55	-55	-	-	-	-	-	-	-	-
R.467_A	NCA01_Residential	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.468_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.469_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.470_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.471_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.472_A	NCA01_Residential	17	-35	-30	-29	-23	-	-	-	-	-	-	-	-
R.473_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.474_A	NCA01_Residential	22	-30	-25	-24	-18	-	-	-	-	-	-	-	-
R.475_A	NCA01_Residential	18	-34	-29	-28	-22	-	-	-	-	-	-	-	-
R.476_A	NCA01_Residential	16	-36	-31	-30	-24	-	-	-	-	-	-	-	-
R.477_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.478_A	NCA02_Commercial	16	-54	-54	-54	-54	-	-	-	-	-	-	-	-
R.479_A	NCA01_Residential	19	-33	-28	-27	-21	-	-	-	-	-	-	-	-
R.480_A	NCA01_Residential	32	-20	-15	-14	-8	-	-	-	-	-	-	-	-
R.481_A	NCA01_Commercial	32	-38	-38	-38	-38	-	-	-	-	-	-	-	-
R.482_A	NCA01_Commercial	20	-32	-27	-26	-20	-	-	-	-	-	-	-	-
R.483_A	NCA01_Commercial	18	-52	-52	-52	-52	-	-	-	-	-	-	-	-
R.484_A	NCA01_Residential	33	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.485_A	NCA01_Recreational	33	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.486_A	NCA01_Commercial	19	-51	-51	-51	-51	-	-	-	-	-	-	-	-
R.487_A	NCA01_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.488_A	NCA01_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.489_A	NCA01_Commercial	43	-27	-27	-27	-27	-	-	-	-	-	-	-	-
R.490_A	NCA01_Residential	35	-17	-12	-11	-5	-	-	-	-	-	-	-	-
R.491_A	NCA01_Commercial	47	-23	-23	-23	-23	-	-	-	-	-	-	-	-
R.492_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.493_A	NCA01_Recreational	35	-30	-30	-30	-30	-	-	-	-	-	-	-	-
R.494_A	NCA01_Residential	51	-1	4	5	11	-	8	10	18	-	-	LB	M, LB
R.495_A	NCA01_Residential	53	1	6	7	13	11	11	12	18	-	LB	LB	M, LB
R.496_A	NCA01_Residential	58	6	11	12	18	16	16	17	23	-	LB	LB	M, IB, LB, PC, RO, SN
R.497_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.498_A	NCA01_Residential	54	2	7	8	14	12	12	13	19	-	LB	LB	M, LB
R.499_A	NCA01_Residential	61	9	14	15	21	19	19	20	26	-	LB	M, LB	M, IB, LB, PC, RO, SN
R.500_A	NCA01_Residential	46	-6	-1	0	6	-	-	-	11	-	-	-	M, LB
R.501_A	NCA01_Hospital	47	-8	-8	-8	-8	-	-	-	-	-	-	-	-
R.502_A	NCA04_Residential	32	-19	-14	-13	-7	-	-	-	-	-	-	-	-
R.503_A	NCA01_Commercial	41	-29	-29	-29	-29	-	-	-	-	-	-	-	-
R.504_A	NCA01_Residential	62	10	15	16	22	20	20	21	27	M, LB	M, LB	M, LB	M, IB, LB, PC, RO, SN
R.505_A	NCA04_Residential	40	-11	-6	-5	1	-	-	-	5	-	-	-	-
R.506_A	NCA04_Residential	46	-5	0	1	7	-	-	5	11	-	-	-	M, LB
R.507_A	NCA01_Commercial	51	-19	-19	-19	-19	-	-	-	-	-	-	-	-
R.508_A	NCA01_Commercial	66	-4	-4	-4	-4	-	-	-	-	-	-	-	-
R.509_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.510_A	NCA01_Residential	48	-4	1	2	8	-	6	7	13	-	-	-	M, LB
R.511_A	NCA01_Residential	60	8	13	14	20	18	18	19	25	-	LB	LB	M, IB, LB, PC, RO, SN
R.512_A	NCA01_Residential	45	-7	-2	-1	5	-	-	-	10	-	-	-	M, LB
R.513_A	NCA01_Commercial	55	-15	-15	-15	-15	-	-	-	-	-	-	-	-
R.514_A	NCA01_Residential	43	-9	-4	-3	3	-	-	-	8	-	-	-	-
R.515_A	NCA01_Residential	42	-10	-5	-4	2	-	-	-	7	-	-	-	-
R.516_A	NCA01_Hospital	45	-10	-10	-10	-10	-	-	-	-	-	-	-	-
R.517_A	NCA01_Residential	59	7	12	13	19	17	17	18	24	-	LB	LB	M, IB, LB, PC, RO, SN
R.518_A	NCA01_Commercial	57	-13	-13	-13	-13	-	-	-	-	-	-	-	-
R.519_A	NCA01_Residential	44	-8	-3	-2	4	-	-	-	9	-	-	-	-
R.520_A	NCA06_Commercial	58	-12	-12	-12	-12	-	-	-	-	-	-	-	-
R.521_A	NCA06_Residential	56	1	6	6	13	11	11	11	18	-	LB	LB	M, LB
R.522_A	NCA06_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.523_A	NCA06_Commercial	37	-33	-33	-33	-33	-	-	-	-	-	-	-	-
R.524_A	NCA06_Residential	55	0	5	5	12	-	10	10	17	-	LB	LB	M, LB
R.525_A	NCA06_Residential	54	-1	4	4	11	-	9	9	16	-	-	-	M, LB
R.526_A	NCA06_Commercial	46	-24	-24	-24	-24	-	-	-	-	-	-	-	-
R.527_A	NCA06_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-
R.528_A	NCA06_Commercial	38	-32	-32	-32	-32	-	-	-	-	-	-	-	-

Table D.27	St Leonards Yard Laydown Area	SCN27	Comparison to NML				If NML Exceeded - Comparison to RBL				Mitigation / Management (AMMM)			
Name	Description	Predicted Noise Level	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night	Day Standard	Day Non-Standard	Evening	Night
R.529_A	NCA06_Commercial	25	-45	-45	-45	-45	-	-	-	-	-	-	-	-
R.530_A	NCA06_Commercial	30	-40	-40	-40	-40	-	-	-	-	-	-	-	-

Appendix D – Assessment Scenarios

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Schedule	Timing Details - OO/HW?	Area of Works	Activity	Assessment Scenario ID	Potential (AB / GB / Vib) Impacts	Equipment	LW, Item	Quantity (Q)	Penalty (P)	Duty Factor (DF)	LW, Modified (Q / P / DF)	Spectral Data - dBA per 1/1 Octave - Frequency in Hertz (Hz)								
												31.5	63	125	250	500	1000	2000	4000	80000
As required	Standard Construction Hours	Along eastern side of rail corridor between Brand St and Mowbray Rd.	Clearing and Grubbing for site establishment	SCN 01-A	AB Noise	Whipper snippers	102.0	2.0	0.0	100%	105.0	61.8	85.5	90.6	90.3	100.9	101.0	96.3	84.6	74.5
				SCN 01-B	AB Noise	Mulchers	105.0	2.0	0.0	100%	108.0	64.8	88.5	93.6	93.3	103.9	104.0	99.3	87.6	77.5
				SCN 01-C	AB Noise	Chainsaws	116.0	2.0	5.0	75%	122.8	79.5	103.2	108.3	108.0	118.6	118.7	114.0	102.3	92.2
				SCN 01-D	AB Noise	Chipper	105.0	1.0	0.0	100%	105.0	61.7	85.4	90.5	90.2	100.8	100.9	96.2	84.5	74.4
As required	**Standard Construction Hours**	**Along eastern side of rail corridor between Brand St and Mowbray Rd.**	**Clearing and Grubbing for site establishment**	**↑ SCN 01**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**116.8**	**-**	**-**	**-**	**123.0**	**79.8**	**103.5**	**108.6**	**108.3**	**118.9**	**119.0**	**114.3**	**102.6**	**92.5**
17/01/2018 - 08/03/2020	Weekend Possessions, Day and Night	Along rail corridor, Nelson st to Chatswood Station	Overhead Wiring Footings, Structures and Wiring	SCN 02-A	AB Noise	Excavators	100.0	2.0	0.0	75%	101.8	59.2	80.0	88.7	91.3	96.5	97.6	92.9	87.5	80.3
				SCN 02-B	AB Noise	Hydrema Dump Truck	117.0	1.0	0.0	75%	115.8	46.5	71.5	96.5	104.5	112.6	109.5	106.5	103.5	96.5
				SCN 02-C	AB Noise	Hi Rail Crane Truck	102.0	1.0	0.0	50%	99.0	68.1	76.1	84.2	86.6	91.9	94.6	93.1	87.3	82.0
				SCN 02-D	AB Noise	Water Cart	107.0	1.0	0.0	50%	104.0	66.8	83.2	84.0	84.4	89.6	103.2	93.2	87.6	78.6
				SCN 02-E	AB Noise	Elevated Work Platforms	99.0	2.0	0.0	50%	99.0	64.9	87.1	91.4	87.4	92.7	91.2	92.2	87.8	78.6
				SCN 02-F	AB Noise	Wire Drum Trucks	107.0	2.0	0.0	75%	108.8	64.5	89.9	94.2	100.6	103.9	101.2	103.2	92.2	85.4
				SCN 02-G	AB Noise	Utes	106.0	2.0	0.0	75%	107.8	76.9	84.9	93.0	95.4	100.7	103.4	101.8	96.1	90.8
				SCN 02-H	AB Noise	Lighting Towers	80.0	4.0	0.0	100%	86.0	59.7	68.9	75.0	77.5	79.9	79.1	80.3	71.1	65.0
17/01/2018 - 08/03/2020	**Weekend Possessions, Day and Night**	**Along rail corridor, Nelson st to Chatswood Station**	**Overhead Wiring Footings, Structures and Wiring**	**↑ SCN 02**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**118.3**	**-**	**-**	**-**	**117.5**	**78.3**	**93.4**	**100.7**	**106.6**	**113.6**	**111.9**	**109.5**	**104.8**	**98.1**
03/08/2019 - 08/03/2020	Weekend Possessions, Day and Night	Along eastern side of rail corridor between Drake St and Mowbray Rd.	Drainage System Installation	SCN 03-A	AB Noise	Excavators	100.0	2.0	0.0	75%	101.8	59.2	80.0	88.7	91.3	96.5	97.6	92.9	87.5	80.3
				SCN 03-B	AB Noise	Hydrema Dump Truck	117.0	1.0	0.0	75%	115.8	46.5	71.5	96.5	104.5	112.6	109.5	106.5	103.5	96.5
				SCN 03-C	AB Noise	Hi Rail Crane Truck	102.0	1.0	0.0	50%	99.0	68.1	76.1	84.2	86.6	91.9	94.6	93.1	87.3	82.0
				SCN 03-D	AB Noise	Water Cart	107.0	1.0	0.0	50%	104.0	66.8	83.2	84.0	84.4	89.6	103.2	93.2	87.6	78.6
				SCN 03-E	AB Noise	Truck and Dog	107.0	1.0	0.0	75%	105.8	61.5	86.9	91.2	97.6	100.9	98.2	100.2	89.2	82.4
				SCN 03-F	AB Noise	Utes	106.0	1.0	0.0	75%	104.8	73.9	81.9	90.0	92.3	97.7	100.3	98.8	93.1	87.8
				SCN 03-G	AB Noise	Lighting Towers	80.0	2.0	0.0	100%	83.0	56.7	65.9	72.0	74.5	76.9	76.1	77.3	68.1	62.0
03/08/2019 - 08/03/2020	**Weekend Possessions, Day and Night**	**Along eastern side of rail corridor between Drake St and Mowbray Rd.**	**Drainage System Installation**	**↑ SCN 03**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**118.2**	**-**	**-**	**-**	**116.9**	**75.8**	**90.0**	**99.1**	**105.8**	**113.2**	**111.3**	**108.4**	**104.3**	**97.5**
27/10/2018 - 23/06/2019	Weekend Possessions, Day and Night	Along rail corridor, Raleigh st to Chatswood Oval	Track Slew or Switch	SCN 04-A	AB Noise	Excavators	100.0	2.0	0.0	75%	101.8	59.2	80.0	88.7	91.3	96.5	97.6	92.9	87.5	80.3
				SCN 04-B	AB Noise	Hydrema Dump Trucks	117.0	2.0	0.0	75%	118.8	49.5	74.5	99.5	107.5	115.6	112.5	109.5	106.5	99.5
				SCN 04-C	AB Noise	Hi Rail Crane Truck	102.0	1.0	0.0	50%	99.0	68.1	76.1	84.2	86.6	91.9	94.6	93.1	87.3	82.0
				SCN 04-D	AB Noise	Water Cart	107.0	1.0	0.0	50%	104.0	66.8	83.2	84.0	84.4	89.6	103.2	93.2	87.6	78.6
				SCN 04-E	AB Noise	Truck and Dog	107.0	1.0	0.0	75%	105.8	61.5	86.9	91.2	97.6	100.9	98.2	100.2	89.2	82.4
				SCN 04-F	AB Noise	Utes	106.0	2.0	0.0	75%	107.8	76.9	84.9	93.0	95.4	100.7	103.4	101.8	96.1	90.8
				SCN 04-G	AB Noise / Vibration	Track Tamper	111.0	1.0	0.0	75%	109.8	59.2	77.4	92.5	103.0	103.4	104.6	102.8	94.6	88.5
				SCN 04-H	AB Noise	Regulator	112.0	1.0	0.0	75%	110.8	71.9	83.1	99.3	104.5	103.2	104.4	104.4	96.0	91.9
				SCN 04-I	AB Noise	Work Trains	110.0	2.0	0.0	75%	111.8	73.0	84.1	100.3	105.5	104.2	105.4	105.5	97.0	93.0
				SCN 04-J	AB Noise	Welding Rigs	110.0	2.0	5.0	50%	115.0	80.9	103.1	107.4	103.4	108.7	107.2	108.2	103.8	94.6
				SCN 04-K	AB Noise	Grinder	107.0	1.0	5.0	50%	109.0	65.7	89.4	94.5	94.2	104.8	104.9	100.2	88.5	78.4
				SCN 04-L	AB Noise	Lighting Towers	80.0	2.0	0.0	100%	83.0	56.7	65.9	72.0	74.5	76.9	76.1	77.3	68.1	62.0
27/10/2018 - 23/06/2019	**Weekend Possessions, Day and Night**	**Along rail corridor, Raleigh st to Chatswood Oval**	**Track Slew or Switch**	**↑ SCN 04**	**AB Noise / Vibration**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**120.8**	**-**	**-**	**-**	**122.2**	**83.5**	**103.6**	**109.7**	**112.4**	**117.5**	**116.1**	**114.5**	**109.4**	**102.5**
27/10/2018 - 23/06/2019	Weekend Possessions, Day and Night	Along rail corridor - Chatswood Station to Brand St	Removal of existing Tracks	SCN 05-A	AB Noise	Excavators	100.0	2.0	0.0	75%	101.8	59.2	80.0	88.7	91.3	96.5	97.6	92.9	87.5	80.3
				SCN 05-B	AB Noise	Hydrema Dump Trucks	117.0	2.0	0.0	75%	118.8	49.5	74.5	99.5	107.5	115.6	112.5	109.5	106.5	99.5
				SCN 05-C	AB Noise	Hi Rail Crane Truck	102.0	1.0	0.0	50%	99.0	68.1	76.1	84.2	86.6	91.9	94.6	93.1	87.3	82.0
				SCN 05-D	AB Noise	Water Cart	107.0	1.0	0.0	50%	104.0	66.8	83.2	84.0	84.4	89.6	103.2	93.2	87.6	78.6
				SCN 05-E	AB Noise	Truck and Dog	107.0	1.0	0.0	75%	105.8	61.5	86.9	91.2	97.6	100.9	98.2	100.2	89.2	82.4
				SCN 05-F	AB Noise	Utes	106.0	2.0	0.0	75%	107.8	76.9	84.9	93.0	95.4	100.7	103.4	101.8	96.1	90.8
				SCN 05-G	AB Noise / Vibration	Track Tamper	111.0	1.0	0.0	75%	109.8	59.2	77.4	92.5	103.0	103.4	104.6	102.8	94.6	88.5
				SCN 05-H	AB Noise	Regulator	112.0	1.0	0.0	75%	110.8	71.9	83.1	99.3	104.5	103.2	104.4	104.4	96.0	91.9
				SCN 05-I	AB Noise	Work Trains	110.0	2.0	0.0	75%	111.8	73.0	84.1	100.3	105.5	104.2	105.4	105.5	97.0	93.0
				SCN 05-J	AB Noise	Welding Rigs	110.0	2.0	5.0	50%	115.0	80.9	103.1	107.4	103.4	108.7	107.2	108.2	103.8	94.6
				SCN 05-K	AB Noise	Grinder	107.0	1.0	5.0	50%	109.0	65.7	89.4	94.5	94.2	104.8	104.9	100.2	88.5	78.4
				SCN 05-L	AB Noise	Lighting Towers	80.0	6.0	0.0	100%	87.8	61.5	70.7	76.8	79.3	81.7	80.9	82.1	72.9	66.8
27/10/2018 - 23/06/2019	**Weekend Possessions, Day and Night**	**Along rail corridor - Chatswood Station to Brand St**	**Removal of existing Tracks**	**↑ SCN 05**	**AB Noise / Vibration**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**120.8**	**-**	**-**	**-**	**122.2**	**83.5**	**103.6**	**109.7**	**112.4**	**117.5**	**116.1**	**114.5**	**109.4**	**102.5**
27/10/2018 - 11/12/2019	Weekend Possessions, Day and Night	Along rail corridor - Chatswood Station to Brand St	HV Electrical Works	SCN 06-A	AB Noise	Hi Rail Crane Truck	102.0	1.0	0.0	50%	99.0	68.1	76.1	84.2	86.6	91.9	94.6	93.1	87.3	82.0
				SCN 06-B	AB Noise	Excavators	100.0	2.0	0.0	75%	101.8	59.2	80.0	88.7	91.3	96.5	97.6	92.9	87.5	80.3
				SCN 06-C	AB Noise	Hydrema Dump Trucks	117.0	2.0	0.0	75%	118.8	49.5	74.5	99.5	107.5	115.6	112.5	109.5	106.5	99.5
				SCN 06-D	AB Noise	Water Cart	107.0	1.0	0.0	50%	104.0	66.8	83.2	84.0	84.4	89.6	103.2	93.2	87.6	78.6
				SCN 06-E	AB Noise	Elevated Work Platforms	99.0	2.0	0.0	50%	99.0	64.9	87.1	91.4	87.4	92.7	91.2	92.2	87.8	78.6
				SCN 06-F	AB Noise	Wire Drum Trucks	107.0	2.0	0.0	75%	108.8	64.5	89.9	94.2	100.6	103.9	101.2	103.2	92.2	85.4
				SCN 06-G	AB Noise	Utes	106.0	2.0	0.0	75%	107.8	76.9	84.9	93.0	95.4	100.7	103.4	101.8	96.1	90.8
				SCN 06-H	AB Noise	Lighting Towers	80.0	6.0	0.0	100%	87.8	61.5	70.7	76.8	79.3	81.7	80.9	82.1	72.9	66.8
27/10/2018 - 11/12/2019	**Weekend Possessions, Day and Night**	**Along rail corridor - Chatswood Station to Brand St**	**HV Electrical Works**	**↑ SCN 06**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**118.3**	**-**	**-**	**-**	**119.7**	**78.3**	**93.4**	**102.1**	**108.7**	**116.1**	**113.9**	**111.3**	**107.2**	**100.4**

Schedule	Timing Details - OOHW?	Area of Works	Activity	Assessment Scenario ID	Potential (AB / GB / Vib) Impact/s	Equipment	LW, Item	Quantity (Q)	Penalty (P)	Duty Factor (DF)	LW, Modified (Q / P / DF)	Spectral Data - dBA per 1/1 Octave - Frequency in Hertz (Hz)								
												31.5	63	125	250	500	1000	2000	4000	80000
27/10/2018 - 11/12/2019	Weekend Possessions, Day and Night	Along rail corridor, Bewtween Nelson St and Chatswood Oval	Construction of Combined Services Route (CSR)	SCN 07-A	AB Noise	Excavators	100.0	2.0	0.0	75%	101.8	59.2	80.0	88.7	91.3	96.5	97.6	92.9	87.5	80.3
				SCN 07-B	AB Noise	Hydrema Dump Trucks	117.0	2.0	0.0	75%	118.8	49.5	74.5	99.5	107.5	115.6	112.5	109.5	106.5	99.5
				SCN 07-C	AB Noise	Hi Rail Crane Truck	102.0	1.0	0.0	50%	99.0	68.1	76.1	84.2	86.6	91.9	94.6	93.1	87.3	82.0
				SCN 07-D	AB Noise	Water Cart	107.0	1.0	0.0	50%	104.0	66.8	83.2	84.0	84.4	89.6	103.2	93.2	87.6	78.6
				SCN 07-E	AB Noise	Crane	104.0	1.0	0.0	50%	101.0	63.4	74.5	84.1	86.3	94.0	94.0	89.9	97.3	86.9
				SCN 07-F	AB Noise	Lighting Towers	80.0	6.0	0.0	100%	87.8	61.5	70.7	76.8	79.3	81.7	80.9	82.1	72.9	66.8
27/10/2018 - 11/12/2019	**Weekend Possessions, Day and Night**	**Along rail corridor, Bewtween Nelson St and Chatswood Oval**	**Construction of Combined Services Route (CSR)**	**↑ SCN 07**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**117.8**	**-**	**-**	**-**	**119.1**	**72.0**	**86.2**	**100.2**	**107.7**	**115.7**	**113.2**	**109.9**	**107.2**	**99.9**
27/10/2018 - 11/12/2019	Weekend Possessions, Day and Night	Along rail corridor - Chatswood Station to Brand St	Under Line Crossing (ULX) Works	SCN 08-A	AB Noise	Excavators	100.0	2.0	0.0	75%	101.8	59.2	80.0	88.7	91.3	96.5	97.6	92.9	87.5	80.3
				SCN 08-B	AB Noise	Hydrema Dump Trucks	117.0	2.0	0.0	75%	118.8	49.5	74.5	99.5	107.5	115.6	112.5	109.5	106.5	99.5
				SCN 08-C	AB Noise	Bobcat	104.0	1.0	0.0	50%	101.0	48.7	70.9	80.0	86.5	96.9	97.1	92.3	84.1	82.0
				SCN 08-D	AB Noise	Water Cart	107.0	1.0	0.0	50%	104.0	66.8	83.2	84.0	84.4	89.6	103.2	93.2	87.6	78.6
				SCN 08-E	AB Noise	Truck and Dog	107.0	1.0	0.0	50%	104.0	66.8	83.2	84.0	84.4	89.6	103.2	93.2	87.6	78.6
				SCN 08-F	AB Noise	Lighting Towers	80.0	6.0	0.0	100%	87.8	61.5	70.7	76.8	79.3	81.7	80.9	82.1	72.9	66.8
27/10/2018 - 11/12/2019	**Weekend Possessions, Day and Night**	**Along rail corridor - Chatswood Station to Brand St**	**Under Line Crossing (ULX) Works**	**↑ SCN 08**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**118.0**	**-**	**-**	**-**	**119.2**	**70.8**	**87.6**	**100.1**	**107.7**	**115.7**	**113.6**	**109.9**	**106.7**	**99.7**
17/11/2018	Weekend Possessions, Day and Night	Nelson Street	Relocation and Termination of Utilities in Nelson St Bridge	SCN 09-A	AB Noise	Excavator	100.0	2.0	0.0	75%	101.8	59.2	80.0	88.7	91.3	96.5	97.6	92.9	87.5	80.3
				SCN 09-B	AB Noise	Concrete Saw	122.0	1.0	5.0	50%	124.0	76.9	91.6	115.7	114.7	115.7	119.2	117.5	108.4	101.8
				SCN 09-C	AB Noise	Hydrema Dump Trucks	117.0	2.0	0.0	75%	118.8	49.5	74.5	99.5	107.5	115.6	112.5	109.5	106.5	99.5
				SCN 09-D	AB Noise	Hi Rail EWP	102.0	1.0	0.0	50%	99.0	68.1	76.1	84.2	86.6	91.9	94.6	93.1	87.3	82.0
				SCN 09-F	AB Noise	60T Crane	104.0	1.0	0.0	50%	101.0	63.4	74.5	84.1	86.3	94.0	94.0	89.9	97.3	86.9
				SCN 09-G	AB Noise	Lighting Towers	80.0	2.0	0.0	100%	83.0	56.7	65.9	72.0	74.5	76.9	76.1	77.3	68.1	62.0
17/11/2018	**Weekend Possessions, Day and Night**	**Nelson Street**	**Relocation and Termination of Utilities in Nelson St Bridge**	**↑ SCN 09**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**123.3**	**-**	**-**	**-**	**125.2**	**77.7**	**92.1**	**115.8**	**115.5**	**118.7**	**120.1**	**118.2**	**110.8**	**104.0**
23/02/2019 - 24/02/2019 and 05/04/2019 - 06/04/2019 and 22/06/2019 - 23/06/2019	Standard Construction Hours + Weekend Possessions, Day and Night	Nelson Street	Nelson St Bridge Demolition	SCN 10-A	AB Noise / Vibration	Excavators (Hydraulic Hammer)	118.0	2.0	5.0	75%	124.8	84.2	102.9	111.1	111.7	122.6	117.5	113.7	108.9	102.4
				SCN 10-B	AB Noise	Excavators	100.0	2.0	0.0	75%	101.8	59.2	80.0	88.7	91.3	96.5	97.6	92.9	87.5	80.3
				SCN 10-C	AB Noise	Hydrema Dump Trucks	117.0	2.0	0.0	75%	118.8	49.5	74.5	99.5	107.5	115.6	112.5	109.5	106.5	99.5
				SCN 10-D	AB Noise	Hi Rail Crane Truck	102.0	1.0	0.0	75%	100.8	69.9	77.9	86.0	88.3	93.7	96.3	94.8	89.1	83.8
				SCN 10-E	AB Noise	Hi Rail EWP	102.0	1.0	0.0	50%	99.0	68.1	76.1	84.2	86.6	91.9	94.6	93.1	87.3	82.0
				SCN 10-F	AB Noise	Water Cart	107.0	1.0	0.0	50%	104.0	66.8	83.2	84.0	84.4	89.6	103.2	93.2	87.6	78.6
				SCN 10-G	AB Noise	60T Crane	104.0	1.0	0.0	50%	101.0	63.4	74.5	84.1	86.3	94.0	94.0	89.9	97.3	86.9
				SCN 10-H	AB Noise	350T Crane	105.0	1.0	0.0	50%	102.0	61.4	80.1	88.3	88.9	99.8	94.7	90.9	86.1	79.6
				SCN 10-I	AB Noise	Heavy Goods Vehicle	107.0	1.0	0.0	75%	105.8	61.5	86.9	91.2	97.6	100.9	98.2	100.2	89.2	82.4
				SCN 10-J	AB Noise	Lighting Towers	80.0	2.0	0.0	100%	83.0	56.7	65.9	72.0	74.5	76.9	76.1	77.3	68.1	62.0
23/02/2019 - 24/02/2019 and 05/04/2019 - 06/04/2019 and 22/06/2019 - 23/06/2019	**Standard Construction Hours + Weekend Possessions, Day and Night**	**Nelson Street**	**Nelson St Bridge Demolition**	**↑ SCN 10**	**AB Noise / Vibration**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**121.2**	**-**	**-**	**-**	**125.9**	**84.6**	**103.2**	**111.5**	**113.3**	**123.5**	**118.9**	**115.4**	**111.2**	**104.4**
6/10/2018 - 7/10/2018	Weekend Possessions, Day and Night	Mowbray Road	Mowbray Rd Bridge Demolition of Break Wall- OOHW	SCN 11-A	AB Noise / Vibration	Excavators (Hydraulic Hammer)	118.0	2.0	5.0	75%	124.8	84.2	102.9	111.1	111.7	122.6	117.5	113.7	108.9	102.4
				SCN 11-C	AB Noise	Hydrema Dump Trucks	117.0	2.0	0.0	75%	118.8	49.5	74.5	99.5	107.5	115.6	112.5	109.5	106.5	99.5
				SCN 11-E	AB Noise	Water Cart	107.0	1.0	0.0	50%	104.0	66.8	83.2	84.0	84.4	89.6	103.2	93.2	87.6	78.6
				SCN 11-F	AB Noise	Crane	104.0	1.0	0.0	50%	101.0	63.4	74.5	84.1	86.3	94.0	94.0	89.9	97.3	86.9
				SCN 11-G	AB Noise	Heavy Goods Vehicle	107.0	1.0	0.0	75%	105.8	61.5	86.9	91.2	97.6	100.9	98.2	100.2	89.2	82.4
				SCN 11-H	AB Noise	Lighting Towers	80.0	2.0	0.0	100%	83.0	56.7	65.9	72.0	74.5	76.9	76.1	77.3	68.1	62.0
6/10/2018 - 7/10/2018	**Weekend Possessions, Day and Night**	**Mowbray Road**	**Mowbray Rd Bridge Demolition of Break Wall- OOHW**	**↑ SCN 11**	**AB Noise / Vibration**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**121.0**	**-**	**-**	**-**	**125.8**	**84.4**	**103.1**	**111.5**	**113.2**	**123.5**	**118.9**	**115.3**	**111.1**	**104.3**
08/10/2018 - 26/10/2018	Standard Construction Hours + Weekend Possessions, Day and Night	Mowbray Road	Mowbray Rd Bridge Construction of base slab and deflection wall	SCN 12-A	AB Noise / Vibration	Excavators (Hydraulic Hammer)	118.0	2.0	5.0	75%	124.8	84.2	102.9	111.1	111.7	122.6	117.5	113.7	108.9	102.4
				SCN 12-B	AB Noise	Hydrema Dump Trucks	117.0	2.0	0.0	75%	118.8	49.5	74.5	99.5	107.5	115.6	112.5	109.5	106.5	99.5
				SCN 12-C	AB Noise	Concrete Truck	109.0	1.0	0.0	75%	107.8	67.3	83.3	91.5	93.0	99.8	105.2	100.4	93.7	87.2
				SCN 12-D	AB Noise	Concrete Pump Truck	108.0	1.0	0.0	75%	106.8	75.9	83.9	92.0	94.4	99.7	102.4	100.9	95.1	89.8
				SCN 12-E	AB Noise	Water Cart	107.0	1.0	0.0	50%	104.0	66.8	83.2	84.0	84.4	89.6	103.2	93.2	87.6	78.6
				SCN 12-F	AB Noise	Crane	104.0	1.0	0.0	50%	101.0	63.4	74.5	84.1	86.3	94.0	94.0	89.9	97.3	86.9
				SCN 12-G	AB Noise	Heavy Goods Vehicle	107.0	1.0	0.0	75%	105.8	61.5	86.9	91.2	97.6	100.9	98.2	100.2	89.2	82.4
				SCN 12-H	AB Noise	Lighting Towers	80.0	2.0	0.0	100%	83.0	56.7	65.9	72.0	74.5	76.9	76.1	77.3	68.1	62.0
08/10/2018 - 26/10/2018	**Standard Construction Hours + Weekend Possessions, Day and Night**	**Mowbray Road**	**Mowbray Rd Bridge Construction of base slab and deflection wall**	**↑ SCN 12**	**AB Noise / Vibration**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**121.0**	**-**	**-**	**-**	**125.8**	**84.4**	**103.1**	**111.5**	**113.2**	**123.5**	**118.9**	**115.3**	**111.1**	**104.3**
05/11/2018 - 16/11/2018	Standard Construction Hours	Mowbray Road	Mowbray Rd Bridge Install of Precast piles - Standard Hours	SCN 13-A	AB Noise	Hi Rail Crane Truck	102.0	1.0	0.0	50%	99.0	68.1	76.1	84.2	86.6	91.9	94.6	93.1	87.3	82.0
				SCN 13-B	AB Noise	Excavators	100.0	2.0	0.0	75%	101.8	59.2	80.0	88.7	91.3	96.5	97.6	92.9	87.5	80.3
				SCN 13-C	AB Noise	Utes	106.0	2.0	0.0	75%	107.8	76.9	84.9	93.0	95.4	100.7	103.4	101.8	96.1	90.8
				SCN 13-D	AB Noise	Heavy Goods Vehicle	107.0	1.0	0.0	75%	105.8	61.5	86.9	91.2	97.6	100.9	98.2	100.2	89.2	82.4
				SCN 13-E	AB Noise	350T Crane	105.0	1.0	0.0	50%	102.0	61.4	80.1	88.3	88.9	99.8	94.7	90.9	86.1	79.6
				SCN 13-F	AB Noise	60T Crane	104.0	1.0	0.0	50%	101.0	63.4	74.5	84.1	86.3	94.0	94.0	89.9	97.3	86.9
				SCN 13-G	AB Noise	Lighting Towers	80.0	2.0	0.0	100%	83.0	56.7	65.9	72.0	74.5	76.9	76.1	77.3	68.1	62.0
05/11/2018 - 16/11/2018	**Standard Construction Hours**	**Mowbray Road**	**Mowbray Rd Bridge Install of Precast piles - Standard Hours**	**↑ SCN 13**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**112.4**	**-**	**-**	**-**	**111.7**	**77.9**	**90.3**	**97.2**	**100.8**	**106.3**	**106.3**	**105.0**	**100.7**	**93.5**

Schedule	Timing Details - OOHW?	Area of Works	Activity	Assessment Scenario ID	Potential (AB / GB / Vib) Impacts	Equipment	LW, Item	Quantity (Q)	Penalty (P)	Duty Factor (DF)	LW, Modified (Q' / P' / DF')	Spectral Data - dBA per 1/1 Octave - Frequency in Hertz (Hz)								
												31.5	63	125	250	500	1000	2000	4000	80000
17/11/2018 - 18/11/2018	Weekend Possessions, Day and Night	Mowbray Road	Mowbray Rd Bridge Install of Crash Barrier and Footpath - OOHW	SCN 14-A	AB Noise	Hi Rail Crane Truck	102.0	1.0	0.0	50%	99.0	68.1	76.1	84.2	86.6	91.9	94.6	93.1	87.3	82.0
				SCN 14-B	AB Noise	Excavators	100.0	2.0	0.0	75%	101.8	59.2	80.0	88.7	91.3	96.5	97.6	92.9	87.5	80.3
				SCN 14-C	AB Noise	Utes	106.0	2.0	0.0	75%	107.8	76.9	84.9	93.0	95.4	100.7	103.4	101.8	96.1	90.8
				SCN 14-D	AB Noise	Heavy Goods Vehicle	107.0	1.0	0.0	75%	105.8	61.5	86.9	91.2	97.6	100.9	98.2	100.2	89.2	82.4
				SCN 14-E	AB Noise	350T Crane	105.0	1.0	0.0	50%	102.0	61.4	80.1	88.3	88.9	99.8	94.7	90.9	86.1	79.6
				SCN 14-F	AB Noise	60T Crane	104.0	1.0	0.0	50%	101.0	63.4	74.5	84.1	86.3	94.0	94.0	89.9	97.3	86.9
				SCN 14-G	AB Noise	Lighting Towers	80.0	2.0	0.0	100%	83.0	56.7	65.9	72.0	74.5	76.9	76.1	77.3	68.1	62.0
17/11/2018 - 18/11/2018	**Weekend Possessions, Day and Night**	**Mowbray Road**	**Mowbray Rd Bridge Install of Crash Barrier and Footpath - OOHW**	**↑ SCN 14**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**112.4**	**-**	**-**	**-**	**111.7**	**77.9**	**90.3**	**97.2**	**100.8**	**106.3**	**106.3**	**105.0**	**100.7**	**93.5**
19/11/2018 - 22/02/2019	Standard Construction Hours	Mowbray Road	Mowbray Rd Bridge Footpath alterations / Road Works - Standard Hours	SCN 15-A	AB Noise	Excavators	100.0	2.0	0.0	75%	101.8	59.2	80.0	88.7	91.3	96.5	97.6	92.9	87.5	80.3
				SCN 15-B	AB Noise	Utes	106.0	2.0	0.0	75%	107.8	76.9	84.9	93.0	95.4	100.7	103.4	101.8	96.1	90.8
				SCN 15-C	AB Noise	Heavy Goods Vehicle	107.0	1.0	0.0	75%	105.8	61.5	86.9	91.2	97.6	100.9	98.2	100.2	89.2	82.4
				SCN 15-D	AB Noise	Concrete Truck	109.0	1.0	0.0	75%	107.8	67.3	83.3	91.5	93.0	99.8	105.2	100.4	93.7	87.2
				SCN 15-E	AB Noise	Concrete Pump Truck	108.0	1.0	0.0	75%	106.8	75.9	83.9	92.0	94.4	99.7	102.4	100.9	95.1	89.8
				SCN 15-F	AB Noise	60T Crane	104.0	1.0	0.0	50%	101.0	63.4	74.5	84.1	86.3	94.0	94.0	89.9	97.3	86.9
				SCN 15-G	AB Noise	Lighting Towers	80.0	2.0	0.0	100%	83.0	56.7	65.9	72.0	74.5	76.9	76.1	77.3	68.1	62.0
19/11/2018 - 22/02/2019	**Standard Construction Hours**	**Mowbray Road**	**Mowbray Rd Bridge Footpath alterations / Road Works - Standard Hours**	**↑ SCN 15**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**114.3**	**-**	**-**	**-**	**113.7**	**79.9**	**91.4**	**98.6**	**102.0**	**107.0**	**109.4**	**107.1**	**102.2**	**95.4**
VARIOUS	Standard Construction Hours + Weekend Possessions, Day and Night	Along rail corridor - Chatswood Station to Brand St	Rail Corridor Fence / Noise Walls Installation	SCN 16-A	AB Noise	Excavators	100.0	2.0	0.0	75%	101.8	59.2	80.0	88.7	91.3	96.5	97.6	92.9	87.5	80.3
				SCN 16-B	AB Noise	Dump Trucks	117.0	2.0	0.0	75%	118.8	49.5	74.5	99.5	107.5	115.6	112.5	109.5	106.5	99.5
				SCN 16-C	AB Noise	Hi Rail Crane Truck	102.0	1.0	0.0	50%	99.0	68.1	76.1	84.2	86.6	91.9	94.6	93.1	87.3	82.0
				SCN 16-D	AB Noise	Water Cart	107.0	1.0	0.0	50%	104.0	66.8	83.2	84.0	84.4	89.6	103.2	93.2	87.6	78.6
				SCN 16-E	AB Noise	Power tools	102.0	1.0	0.0	50%	99.0	60.1	74.9	87.6	90.3	91.8	93.7	92.8	85.9	78.2
				SCN 16-F	AB Noise	Concrete Truck	109.0	1.0	0.0	75%	107.8	67.3	83.3	91.5	93.0	99.8	105.2	100.4	93.7	87.2
				SCN 16-G	AB Noise	Concrete Pump Truck	108.0	1.0	0.0	75%	106.8	75.9	83.9	92.0	94.4	99.7	102.4	100.9	95.1	89.8
				SCN 16-H	AB Noise	Crane	104.0	1.0	0.0	50%	101.0	63.4	74.5	84.1	86.3	94.0	94.0	89.9	97.3	86.9
				SCN 16-I	AB Noise	Heavy Goods Vehicle	107.0	1.0	0.0	75%	105.8	61.5	86.9	91.2	97.6	100.9	98.2	100.2	89.2	82.4
				SCN 16-J	AB Noise	Lighting Towers	80.0	2.0	0.0	100%	83.0	56.7	65.9	72.0	74.5	76.9	76.1	77.3	68.1	62.0
VARIOUS	**Standard Construction Hours + Weekend Possessions, Day and Night**	**Along rail corridor - Chatswood Station to Brand St**	**Rail Corridor Fence / Noise Walls Installation**	**↑ SCN 16**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**119.1**	**-**	**-**	**-**	**119.8**	**77.9**	**91.4**	**101.9**	**108.5**	**116.1**	**114.3**	**111.2**	**107.7**	**100.6**
VARIOUS	Standard Construction Hours + OOHW	Corner of Orchard Rd and Mowbray Rd	Orchard Rd Ancillary Facility	SCN 17-A	AB Noise	Generator	99.0	1.0	0.0	100%	99.0	64.9	87.1	91.4	87.4	92.7	91.2	92.2	87.8	78.6
				SCN 17-B	AB Noise	Hand Tool	102.0	1.0	0.0	50%	99.0	60.1	74.9	87.6	90.3	91.8	93.7	92.8	85.9	78.2
				SCN 17-C	AB Noise	Light Vehicle	106.0	1.0	0.0	75%	104.8	73.9	81.9	90.0	92.4	97.7	100.4	98.8	93.1	87.8
				SCN 17-D	AB Noise	Lighting Tower	80.0	1.0	0.0	100%	80.0	53.7	62.9	69.0	71.5	73.9	73.1	74.3	65.1	59.0
VARIOUS	**Standard Construction Hours + OOHW**	**Corner of Orchard Rd and Mowbray Rd**	**Orchard Rd Ancillary Facility**	**↑ SCN 17**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**108.0**	**-**	**-**	**-**	**106.6**	**74.6**	**88.5**	**94.7**	**95.3**	**99.7**	**101.6**	**100.5**	**94.8**	**88.7**
VARIOUS	Standard Construction Hours + OOHW	In rail corridor, off Brand Street	Brand St Ancillary Facility	SCN 18-A	AB Noise	Generator	99.0	1.0	0.0	100%	99.0	64.9	87.1	91.4	87.4	92.7	91.2	92.2	87.8	78.6
				SCN 18-B	AB Noise	Hand Tool	102.0	1.0	0.0	50%	99.0	60.1	74.9	87.6	90.3	91.8	93.7	92.8	85.9	78.2
				SCN 18-C	AB Noise	Light Vehicle	106.0	1.0	0.0	75%	104.8	73.9	81.9	90.0	92.4	97.7	100.4	98.8	93.1	87.8
				SCN 18-D	AB Noise	Lighting Tower	80.0	1.0	0.0	100%	80.0	53.7	62.9	69.0	71.5	73.9	73.1	74.3	65.1	59.0
VARIOUS	**Standard Construction Hours + OOHW**	**In rail corridor, off Brand Street**	**Brand St Ancillary Facility**	**↑ SCN 18**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**108.0**	**-**	**-**	**-**	**106.6**	**74.6**	**88.5**	**94.7**	**95.3**	**99.7**	**101.6**	**100.5**	**94.8**	**88.7**
VARIOUS	Standard Construction Hours + OOHW	In rail corridor, off Brand Street	Brand St Laydown Area	SCN 19-A	AB Noise	Heavy Vehicle	107.0	1.0	0.0	50%	104.0	59.7	85.1	89.4	95.8	99.1	96.4	98.4	87.4	80.6
				SCN 19-B	AB Noise	Hand Tool	102.0	1.0	0.0	50%	99.0	46.7	68.9	78.0	84.5	94.9	95.1	90.3	82.1	80.0
				SCN 19-C	AB Noise	Bobcat	104.0	1.0	0.0	50%	101.0	48.7	70.9	80.0	86.5	96.9	97.1	92.3	84.1	82.0
				SCN 19-D	AB Noise	Lighting Tower	80.0	2.0	0.0	100%	83.0	56.7	65.9	72.0	74.5	76.9	76.1	77.3	68.1	62.0
VARIOUS	**Standard Construction Hours + OOHW**	**In rail corridor, off Brand Street**	**Brand St Laydown Area**	**↑ SCN 19**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**109.6**	**-**	**-**	**-**	**106.6**	**61.8**	**85.4**	**90.2**	**96.6**	**102.1**	**101.0**	**99.9**	**89.9**	**85.7**
VARIOUS	Standard Construction Hours + OOHW	In rail corridor, off Hampden Rd	Hampden Road Laydown Area	SCN 20-A	AB Noise	Heavy Vehicle	107.0	1.0	0.0	50%	104.0	59.7	85.1	89.4	95.8	99.1	96.4	98.4	87.4	80.6
				SCN 20-B	AB Noise	Hand Tool	102.0	1.0	0.0	50%	99.0	46.7	68.9	78.0	84.5	94.9	95.1	90.3	82.1	80.0
				SCN 20-C	AB Noise	Bobcat	104.0	1.0	0.0	50%	101.0	48.7	70.9	80.0	86.5	96.9	97.1	92.3	84.1	82.0
				SCN 20-D	AB Noise	Lighting Tower	80.0	2.0	0.0	100%	83.0	56.7	65.9	72.0	74.5	76.9	76.1	77.3	68.1	62.0
VARIOUS	**Standard Construction Hours + OOHW**	**In rail corridor, off Hampden Rd**	**Hampden Road Laydown Area**	**↑ SCN 20**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**109.6**	**-**	**-**	**-**	**106.6**	**61.8**	**85.4**	**90.2**	**96.6**	**102.1**	**101.0**	**99.9**	**89.9**	**85.7**
VARIOUS	Standard Construction Hours + OOHW	In rail corridor, off Elizabeth Street	Elizabeth St Ancillary Facility	SCN 21-A	AB Noise	Generator	99.0	1.0	0.0	100%	99.0	64.9	87.1	91.4	87.4	92.7	91.2	92.2	87.8	78.6
				SCN 21-B	AB Noise	Hand Tool	102.0	1.0	0.0	50%	99.0	60.1	74.9	87.6	90.3	91.8	93.7	92.8	85.9	78.2
				SCN 21-C	AB Noise	Light Vehicle	106.0	1.0	0.0	75%	104.8	73.9	81.9	90.0	92.4	97.7	100.4	98.8	93.1	87.8
				SCN 21-D	AB Noise	Lighting Tower	80.0	1.0	0.0	100%	80.0	53.7	62.9	69.0	71.5	73.9	73.1	74.3	65.1	59.0
VARIOUS	**Standard Construction Hours + OOHW**	**In rail corridor, off Elizabeth Street**	**Elizabeth St Ancillary Facility**	**↑ SCN 21**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**108.0**	**-**	**-**	**-**	**106.6**	**74.6**	**88.5**	**94.7**	**95.3**	**99.7**	**101.6**	**100.5**	**94.8**	**88.7**
VARIOUS	Standard Construction Hours + OOHW	In rail corridor, off Elizabeth Street	Elizabeth St Laydown Area	SCN 22-A	AB Noise	Heavy Vehicle	107.0	1.0	0.0	50%	104.0	59.7	85.1	89.4	95.8	99.1	96.4	98.4	87.4	80.6
				SCN 22-B	AB Noise	Hand Tool	102.0	1.0	0.0	50%	99.0	60.1	74.9	87.6	90.3	91.8	93.7	92.8	85.9	78.2
				SCN 22-C	AB Noise	Bobcat	104.0	1.0	0.0	50%	101.0	48.7	70.9	80.0	86.5	96.9	97.1	92.3	84.1	82.0
				SCN 22-D	AB Noise	Lighting Tower	80.0	2.0	0.0	100%	83.0	56.7	65.9	72.0	74.5	76.9	76.1	77.3	68.1	62.0
VARIOUS	**Standard Construction Hours + OOHW**	**In rail corridor, off Elizabeth Street**	**Elizabeth St Laydown Area**	**↑ SCN 22**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**109.6**	**-**	**-**	**-**	**106.6**	**64.0**	**85.7**	**91.9**	**97.3**	**101.6**	**100.7**	**100.2**	**90.8**	**85.3**

Schedule	Timing Details - OOHW?	Area of Works	Activity	Assessment Scenario ID	Potential (AB / GB / Vib) Impact/s	Equipment	LW, Item	Quantity (Q)	Penalty (P)	Duty Factor (DF)	LW, Modified (Q / P/ DF)	Spectral Data - dBA per 1/1 Octave - Frequency in Hertz (Hz)								
												31.5	63	125	250	500	1000	2000	4000	80000
VARIOUS	Standard Construction Hours + OOHW	In rail corridor, off Cleland Road	Cleland Rd Ancillary Facility	SCN 23-A	AB Noise	Generator	99.0	1.0	0.0	100%	99.0	64.9	87.1	91.4	87.4	92.7	91.2	92.2	87.8	78.6
				SCN 23-B	AB Noise	Hand Tool	102.0	1.0	0.0	50%	99.0	60.1	74.9	87.6	90.3	91.8	93.7	92.8	85.9	78.2
				SCN 23-C	AB Noise	Light Vehicle	106.0	2.0	0.0	75%	107.8	76.9	84.9	93.0	95.4	100.7	103.4	101.8	96.1	90.8
				SCN 23-D	AB Noise	Lighting Tower	80.0	2.0	0.0	100%	83.0	56.7	65.9	72.0	74.5	76.9	76.1	77.3	68.1	62.0
VARIOUS	**Standard Construction Hours + OOHW**	**In rail corridor, off Cleland Road**	**Cleland Rd Ancillary Facility**	**↑ SCN 23**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**108.0**	**-**	**-**	**-**	**108.8**	**77.3**	**89.3**	**96.0**	**97.1**	**101.8**	**104.0**	**102.8**	**97.0**	**91.3**
VARIOUS	Standard Construction Hours + OOHW	In rail corridor, off Cleland Road	Cleland Rd Laydown Area	SCN 24-A	AB Noise	Heavy Vehicle	107.0	1.0	0.0	50%	104.0	59.7	85.1	89.4	95.8	99.1	96.4	98.4	87.4	80.6
				SCN 24-B	AB Noise	Hand Tool	102.0	1.0	0.0	50%	99.0	60.1	74.9	87.6	90.3	91.8	93.7	92.8	85.9	78.2
				SCN 24-C	AB Noise	Bobcat	104.0	1.0	0.0	50%	101.0	48.7	70.9	80.0	86.5	96.9	97.1	92.3	84.1	82.0
				SCN 24-D	AB Noise	Lighting Tower	80.0	2.0	0.0	100%	83.0	56.7	65.9	72.0	74.5	76.9	76.1	77.3	68.1	62.0
VARIOUS	**Standard Construction Hours + OOHW**	**In rail corridor, off Cleland Road**	**Cleland Rd Laydown Area**	**↑ SCN 24**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**109.6**	**-**	**-**	**-**	**106.6**	**64.0**	**85.7**	**91.9**	**97.3**	**101.6**	**100.7**	**100.2**	**90.8**	**85.3**
VARIOUS	Standard Construction Hours + OOHW	In rail corridor, off Cleland Road	Cleland Rd Stockpiling	SCN 25-A	AB Noise	16t Excavator	105.0	1.0	0.0	100%	105.0	62.5	83.2	91.9	94.5	99.8	100.8	96.1	90.8	83.6
				SCN 25-B	AB Noise	Heavy Vehicle	107.0	1.0	0.0	50%	104.0	59.7	85.1	89.4	95.8	99.1	96.4	98.4	87.4	80.6
				SCN 25-C	AB Noise	Hand Tool	102.0	1.0	0.0	50%	99.0	60.1	74.9	87.6	90.3	91.8	93.7	92.8	85.9	78.2
				SCN 25-D	AB Noise	Bobcat	104.0	1.0	0.0	50%	101.0	48.7	70.9	80.0	86.5	96.9	97.1	92.3	84.1	82.0
				SCN 25-E	AB Noise	Lighting Tower	80.0	2.0	0.0	100%	83.0	56.7	65.9	72.0	74.5	76.9	76.1	77.3	68.1	62.0
VARIOUS	**Standard Construction Hours + OOHW**	**In rail corridor, off Cleland Road**	**Cleland Rd Stockpiling**	**↑ SCN 25**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**110.9**	**-**	**-**	**-**	**108.9**	**66.3**	**87.6**	**94.9**	**99.1**	**103.8**	**103.8**	**101.7**	**93.8**	**87.5**
VARIOUS	Standard Construction Hours + OOHW	In rail corridor, off Lambs Rd + Francis Street	Lambs Rd Laydown Area	SCN 26-A	AB Noise	Heavy Vehicle	107.0	1.0	0.0	50%	104.0	59.7	85.1	89.4	95.8	99.1	96.4	98.4	87.4	80.6
				SCN 26-B	AB Noise	Hand Tool	102.0	1.0	0.0	50%	99.0	60.1	74.9	87.6	90.3	91.8	93.7	92.8	85.9	78.2
				SCN 26-C	AB Noise	Bobcat	104.0	1.0	0.0	50%	101.0	48.7	70.9	80.0	86.5	96.9	97.1	92.3	84.1	82.0
				SCN 26-D	AB Noise	Lighting Tower	80.0	2.0	0.0	100%	83.0	56.7	65.9	72.0	74.5	76.9	76.1	77.3	68.1	62.0
VARIOUS	**Standard Construction Hours + OOHW**	**In rail corridor, off Lambs Rd + Francis Street**	**Lambs Rd Laydown Area**	**↑ SCN 26**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**109.6**	**-**	**-**	**-**	**106.6**	**64.0**	**85.7**	**91.9**	**97.3**	**101.6**	**100.7**	**100.2**	**90.8**	**85.3**
VARIOUS	Standard Construction Hours + OOHW	In rail corridor, off St Leonards Station	St Leonards Yard Laydown Area	SCN 27-A	AB Noise	Heavy Vehicle	107.0	1.0	0.0	50%	104.0	59.7	85.1	89.4	95.8	99.1	96.4	98.4	87.4	80.6
				SCN 27-B	AB Noise	Hand Tool	102.0	1.0	0.0	50%	99.0	60.1	74.9	87.6	90.3	91.8	93.7	92.8	85.9	78.2
				SCN 27-C	AB Noise	Bobcat	104.0	1.0	0.0	50%	101.0	48.7	70.9	80.0	86.5	96.9	97.1	92.3	84.1	82.0
				SCN 27-D	AB Noise	Lighting Tower	80.0	2.0	0.0	100%	83.0	56.7	65.9	72.0	74.5	76.9	76.1	77.3	68.1	62.0
VARIOUS	**Standard Construction Hours + OOHW**	**In rail corridor, off St Leonards Station**	**St Leonards Yard Laydown Area**	**↑ SCN 27**	**AB Noise**	**↑ TOTAL EMISSION (LW, 15minute in dBA)**	**109.6**	**-**	**-**	**-**	**106.6**	**64.0**	**85.7**	**91.9**	**97.3**	**101.6**	**100.7**	**100.2**	**90.8**	**85.3**

Appendix E – Potentially Sensitive Receptors

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Table E.1		GPS Co-ordinates (Zone 56H)		
Location ID	Description (NCA_Receptor Type)	Easting	Northing	Ground Height (AHD) m
R.001	NCA03_Residential	331644.72	6259245.97	102
R.002	NCA03_Residential	331599.74	6259228.51	101
R.003	NCA03_Residential	331654.12	6259207.94	100
R.004	NCA03_Residential	331559.12	6259204.51	101
R.005	NCA03_Commercial	331495.91	6259196.20	104
R.006	NCA03_Residential	331634.95	6259191.33	98
R.007	NCA03_Residential	331658.52	6259187.50	98
R.008	NCA03_Residential	331601.91	6259179.71	99
R.009	NCA03_Commercial	331483.78	6259178.30	104
R.010	NCA03_Residential	331656.70	6259165.07	97
R.011	NCA03_Residential	331636.00	6259151.18	96
R.012	NCA03_Residential	331602.99	6259139.60	99
R.013	NCA03_Residential	331582.34	6259138.14	100
R.014	NCA03_Residential	331720.83	6259119.06	94
R.015	NCA03_Commercial	331515.71	6259115.61	98
R.016	NCA03_Residential	331640.94	6259101.11	94
R.017	NCA03_Commercial	331454.73	6259092.41	100
R.018	NCA03_Residential	331690.32	6259088.03	92
R.019	NCA03_Commercial	331606.85	6259087.61	97
R.020	NCA03_Commercial	331358.49	6259083.51	104
R.021	NCA03_Residential	331674.51	6259082.69	92
R.022	NCA03_Residential	331647.99	6259072.91	92
R.023	NCA03_Residential	331708.52	6259071.40	92
R.024	NCA03_Commercial	331533.54	6259070.19	96
R.025	NCA03_Commercial	331507.14	6259060.67	97
R.026	NCA03_Residential	331647.38	6259047.11	93
R.027	NCA03_Commercial	331343.96	6259043.22	104
R.028	NCA03_Residential	331585.63	6259042.83	100
R.029	NCA03_Commercial	331533.78	6259036.41	97
R.030	NCA03_Commercial	331757.71	6259028.11	90
R.031	NCA03_Commercial	331469.22	6259023.95	99
R.032	NCA03_Commercial	331715.90	6259011.59	92
R.033	NCA03_Commercial	331431.76	6259010.89	101
R.034	NCA03_Commercial	331327.36	6259004.70	106
R.035	NCA03_Commercial	331537.34	6258992.47	98
R.036	NCA03_Commercial	331406.21	6258990.76	103
R.037	NCA03_Commercial	331645.14	6258985.60	96
R.038	NCA03_Commercial	331592.73	6258976.43	100
R.039	NCA03_Commercial	331896.52	6258973.09	88
R.040	NCA03_Commercial	331387.53	6258971.90	104
R.041	NCA03_Commercial	331503.89	6258965.85	101
R.042	NCA03_Commercial	331786.57	6258962.50	90
R.043	NCA03_Commercial	331866.66	6258960.29	88
R.044	NCA03_Commercial	331533.01	6258940.84	101
R.045	NCA03_Commercial	331773.23	6258935.76	92
R.046	NCA03_Commercial	331821.30	6258930.38	90
R.047	NCA03_Commercial	331312.16	6258930.23	108

Table E.1		GPS Co-ordinates (Zone 56H)		
Location ID	Description (NCA_Receptor Type)	Easting	Northing	Ground Height (AHD) m
R.048	NCA03_Commercial	331695.13	6258924.53	95
R.049	NCA03_Commercial	331587.35	6258920.72	100
R.050	NCA03_Commercial	331466.04	6258918.36	104
R.051	NCA03_Commercial	331847.09	6258916.54	89
R.052	NCA03_Commercial	331646.40	6258908.67	98
R.053	NCA03_Commercial	331427.99	6258904.46	106
R.054	NCA03_Commercial	331701.28	6258902.45	95
R.055	NCA03_Commercial	331736.56	6258898.00	94
R.056	NCA03_Commercial	331675.29	6258892.18	97
R.057	NCA03_Commercial	331588.30	6258881.16	101
R.058	NCA03_Commercial	331373.52	6258881.01	108
R.059	NCA03_Commercial	331540.75	6258862.45	104
R.060	NCA03_Commercial	331868.10	6258861.83	88
R.061	NCA03_Commercial	331734.25	6258858.25	94
R.062	NCA03_Commercial	331528.50	6258857.31	104
R.063	NCA03_Commercial	331660.80	6258851.98	99
R.064	NCA03_Commercial	331754.98	6258851.07	93
R.065	NCA03_Commercial	331497.52	6258845.22	104
R.066	NCA03_Commercial	331424.53	6258838.85	107
R.067	NCA03_Commercial	331967.16	6258832.36	88
R.068	NCA03_Commercial	331641.32	6258828.65	100
R.069	NCA03_Commercial	331572.06	6258825.33	102
R.070	NCA03_Commercial	331718.19	6258821.53	95
R.071	NCA03_Commercial	331413.76	6258812.87	107
R.072	NCA03_Commercial	331403.75	6258809.18	108
R.073	NCA03_Commercial	331528.33	6258808.82	103
R.074	NCA03_Commercial	331386.85	6258804.38	108
R.075	NCA03_Commercial	331898.30	6258802.73	88
R.076	NCA03_Commercial	331674.98	6258799.42	97
R.077	NCA03_Commercial	331596.01	6258789.40	100
R.078	NCA03_Commercial	331648.51	6258789.04	98
R.079	NCA03_Commercial	331692.47	6258788.90	96
R.080	NCA03_Commercial	331582.63	6258781.57	100
R.081	NCA03_Commercial	331830.23	6258776.77	90
R.082	NCA03_Commercial	331463.81	6258771.73	104
R.083	NCA03_Commercial	331552.91	6258766.25	100
R.084	NCA03_Commercial	331415.20	6258762.38	106
R.085	NCA03_Commercial	331523.10	6258757.30	100
R.086	NCA03_Commercial	331507.60	6258751.00	100
R.087	NCA03_Commercial	331470.12	6258738.04	103
R.088	NCA03_Commercial	331666.32	6258734.68	95
R.089	NCA03_Commercial	331709.50	6258726.57	94
R.090	NCA03_Commercial	331582.06	6258721.42	98
R.091	NCA03_Commercial	331562.57	6258717.42	98
R.092	NCA03_Commercial	331423.17	6258716.70	106
R.093	NCA04_Commercial	331809.33	6258716.20	90
R.094	NCA04_Commercial	331775.54	6258703.98	91

Table E.1		GPS Co-ordinates (Zone 56H)		
Location ID	Description (NCA_Receptor Type)	Easting	Northing	Ground Height (AHD) m
R.095	NCA01_Commercial	331720.48	6258702.01	93
R.096	NCA03_Commercial	331581.25	6258699.32	98
R.097	NCA03_Commercial	331493.27	6258690.44	102
R.098	NCA01_Commercial	331531.60	6258687.45	100
R.099	NCA03_Commercial	331469.67	6258711.33	103
R.100	NCA02_Commercial	331445.17	6258676.95	105
R.101	NCA03_Commercial	331456.13	6258705.92	104
R.102	NCA01_Residential	331730.63	6258667.45	92
R.103	NCA02_Commercial	331450.64	6258664.22	104
R.104	NCA01_Commercial	331545.59	6258662.97	99
R.105	NCA01_Commercial	331517.61	6258650.98	101
R.106	NCA02_Commercial	331457.80	6258647.48	104
R.107	NCA01_Educational	331739.97	6258642.97	92
R.108	NCA01_Residential	331589.30	6258638.02	97
R.109	NCA04_Residential	331780.12	6258635.48	91
R.110	NCA01_Commercial	331462.66	6258629.00	103
R.111	NCA01_Residential	331755.07	6258621.35	92
R.112	NCA01_Residential	331569.19	6258616.97	98
R.113	NCA01_Residential	331519.17	6258601.32	100
R.114	NCA01_Residential	331590.80	6258601.10	96
R.115	NCA01_Residential	331476.71	6258600.56	102
R.116	NCA01_Residential	331551.86	6258599.28	98
R.117	NCA01_Recreational	331638.65	6258595.71	94
R.118	NCA02_Commercial	331417.04	6258589.24	103
R.119	NCA01_Residential	331485.57	6258576.55	101
R.120	NCA02_Residential	331278.01	6258572.03	95
R.121	NCA04_Residential	331770.88	6258563.76	93
R.122	NCA01_Residential	331592.85	6258557.68	96
R.123	NCA01_Residential	331495.48	6258557.64	100
R.124	NCA01_Recreational	331634.66	6258548.49	94
R.125	NCA01_Recreational	331695.82	6258544.37	93
R.126	NCA01_Residential	331543.83	6258544.34	98
R.127	NCA01_Recreational	331634.84	6258530.73	94
R.128	NCA01_Residential	331584.56	6258527.40	96
R.129	NCA04_Residential	331809.21	6258504.14	95
R.130	NCA04_Residential	331865.42	6258503.80	94
R.131	NCA04_Residential	331771.53	6258501.29	94
R.132	NCA01_Residential	331499.02	6258497.55	98
R.133	NCA01_Residential	331525.93	6258486.46	96
R.134	NCA01_Recreational	331590.78	6258475.52	96
R.135	NCA02_Residential	331461.22	6258457.11	96
R.136	NCA01_Residential	331535.48	6258457.02	96
R.137	NCA01_Residential	331715.56	6258443.03	96
R.138	NCA01_Residential	331537.04	6258442.07	96
R.139	NCA02_Residential	331324.35	6258440.28	88
R.140	NCA01_Residential	331539.22	6258429.29	96
R.141	NCA01_Residential	331678.46	6258414.74	97

Table E.1		GPS Co-ordinates (Zone 56H)		
Location ID	Description (NCA_Receptor Type)	Easting	Northing	Ground Height (AHD) m
R.142	NCA01_Residential	331540.46	6258414.33	96
R.143	NCA01_Residential	331704.15	6258398.93	98
R.144	NCA01_Residential	331642.28	6258390.32	97
R.145	NCA01_Residential	331538.59	6258379.12	97
R.146	NCA01_Residential	331703.90	6258377.92	99
R.147	NCA01_Residential	331685.79	6258367.65	99
R.148	NCA01_Commercial	331594.26	6258361.09	97
R.149	NCA01_Residential	331656.33	6258356.57	99
R.150	NCA01_Residential	331727.15	6258342.78	101
R.151	NCA01_Residential	331704.99	6258334.94	101
R.152	NCA01_Residential	331642.28	6258330.50	99
R.153	NCA01_Residential	331673.09	6258323.86	101
R.154	NCA01_Residential	331712.01	6258314.40	102
R.155	NCA04_Residential	331812.10	6258307.23	105
R.156	NCA01_Residential	331687.69	6258304.94	102
R.157	NCA01_Residential	331599.87	6258301.85	99
R.158	NCA01_Residential	331674.98	6258299.26	101
R.159	NCA01_Residential	331660.66	6258294.40	101
R.160	NCA02_Residential	331469.34	6258286.02	100
R.161	NCA01_Residential	331573.16	6258285.57	99
R.162	NCA05_Residential	332035.65	6258279.61	104
R.163	NCA01_Residential	331601.36	6258269.11	100
R.164	NCA01_Residential	331527.58	6258267.33	100
R.165	NCA01_Residential	331645.82	6258267.03	100
R.166	NCA02_Residential	331277.34	6258261.52	104
R.167	NCA01_Residential	331688.66	6258259.21	103
R.168	NCA01_Residential	331546.35	6258247.75	100
R.169	NCA01_Commercial	331522.35	6258238.02	100
R.170	NCA01_Residential	331649.22	6258226.31	101
R.171	NCA01_Residential	331690.13	6258224.30	104
R.172	NCA01_Residential	331676.07	6258219.60	103
R.173	NCA01_Commercial	331520.62	6258218.83	100
R.174	NCA01_Residential	331662.47	6258213.22	103
R.175	NCA01_Residential	331608.98	6258205.77	102
R.176	NCA01_Residential	331517.87	6258196.66	101
R.177	NCA01_Residential	331673.74	6258192.79	104
R.178	NCA05_Mixed Use	331747.75	6258110.89	106
R.179	NCA01_Residential	331658.41	6258179.98	102
R.180	NCA01_Residential	331560.87	6258173.24	101
R.181	NCA01_Residential	331670.89	6258171.66	104
R.182	NCA01_Residential	331547.37	6258167.70	101
R.183	NCA01_Commercial	331517.60	6258165.97	102
R.184	NCA01_Residential	331533.53	6258160.78	102
R.185	NCA01_Residential	331669.46	6258159.38	104
R.186	NCA01_Residential	331668.32	6258147.67	104
R.187	NCA05_Residential	331672.60	6258133.67	104
R.188	NCA02_Mixed Use	331450.25	6258079.47	104

Table E.1		GPS Co-ordinates (Zone 56H)		
Location ID	Description (NCA_Receptor Type)	Easting	Northing	Ground Height (AHD) m
R.189	NCA02_Residential	331340.24	6258115.87	106
R.190	NCA05_Residential	331717.51	6258130.24	106
R.191	NCA04_Residential	331850.00	6258097.81	97
R.192	NCA04_Residential	332117.22	6258065.80	84
R.193	NCA05_Residential	331712.47	6258062.88	106
R.194	NCA05_Residential	331764.81	6258125.64	106
R.195	NCA05_Residential	331695.60	6258049.39	104
R.196	NCA05_Residential	331721.55	6258037.97	106
R.197	NCA05_Residential	331715.84	6258025.26	105
R.198	NCA05_Residential	331652.01	6258020.79	104
R.199	NCA01_Residential	331759.95	6258011.51	104
R.200	NCA05_Residential	331633.73	6258011.15	104
R.201	NCA01_Residential	331743.61	6258001.39	103
R.202	NCA05_Residential	331709.10	6257999.31	101
R.203	NCA04_Residential	331885.98	6257989.24	100
R.204	NCA05_Industrial	331600.49	6257986.22	104
R.205	NCA01_Residential	331755.10	6257983.08	101
R.206	NCA01_Residential	331744.84	6257976.33	100
R.207	NCA01_Residential	331736.92	6257971.52	100
R.208	NCA05_Residential	331669.95	6257970.60	102
R.209	NCA01_Residential	331729.65	6257966.72	99
R.210	NCA01_Residential	331771.85	6257957.37	98
R.211	NCA01_Residential	331679.59	6257950.66	100
R.212	NCA01_Residential	331728.87	6257949.97	96
R.213	NCA05_Industrial	331622.09	6257945.34	102
R.214	NCA01_Residential	331813.16	6257942.85	96
R.215	NCA01_Residential	331802.80	6257936.81	96
R.216	NCA01_Residential	331688.90	6257932.05	97
R.217	NCA01_Residential	331792.60	6257930.07	95
R.218	NCA05_Industrial	331583.54	6257925.40	104
R.219	NCA01_Industrial	331633.73	6257925.40	100
R.220	NCA01_Residential	331782.58	6257923.33	93
R.221	NCA01_Residential	331823.72	6257921.36	94
R.222	NCA01_Residential	331772.21	6257917.11	93
R.223	NCA05_Residential	331329.65	6257916.59	104
R.224	NCA01_Residential	331811.83	6257914.08	93
R.225	NCA05_Place of Worship	331461.40	6257913.94	104
R.226	NCA01_Residential	331747.50	6257912.79	92
R.227	NCA01_Residential	331642.70	6257911.11	98
R.228	NCA01_Residential	331762.36	6257910.71	92
R.229	NCA01_Residential	331799.64	6257906.35	92
R.230	NCA01_Residential	331774.67	6257890.75	90
R.231	NCA01_Residential	331713.49	6257886.51	92
R.232	NCA01_Residential	331768.71	6257872.94	88
R.233	NCA01_Residential	331855.55	6257870.82	90
R.234	NCA04_Residential	331937.37	6257867.19	98
R.235	NCA01_Residential	331843.34	6257863.26	88

Table E.1		GPS Co-ordinates (Zone 56H)		
Location ID	Description (NCA_Receptor Type)	Easting	Northing	Ground Height (AHD) m
R.236	NCA04_Residential	332084.42	6257858.56	93
R.237	NCA01_Residential	331831.13	6257855.70	87
R.238	NCA01_Residential	331869.21	6257854.17	90
R.239	NCA01_Residential	331733.77	6257849.62	88
R.240	NCA01_Residential	331818.91	6257848.14	86
R.241	NCA01_Residential	331858.60	6257847.47	89
R.242	NCA01_Residential	331785.57	6257843.48	86
R.243	NCA01_Residential	331677.26	6257843.31	92
R.244	NCA01_Residential	331849.66	6257841.88	87
R.245	NCA01_Residential	331805.53	6257839.80	85
R.246	NCA01_Residential	331839.23	6257835.18	86
R.247	NCA01_Residential	331829.54	6257828.47	85
R.248	NCA01_Residential	331820.23	6257822.33	84
R.249	NCA01_Residential	331929.02	6257815.80	92
R.250	NCA01_Residential	331754.04	6257815.06	87
R.251	NCA01_Residential	331811.29	6257805.01	84
R.252	NCA01_Residential	331900.82	6257804.42	89
R.253	NCA01_Residential	331705.18	6257799.77	90
R.254	NCA01_Residential	331890.67	6257796.84	88
R.255	NCA01_Residential	331667.63	6257793.12	93
R.256	NCA01_Residential	331882.33	6257789.57	86
R.257	NCA01_Residential	331773.60	6257785.12	86
R.258	NCA01_Residential	331908.40	6257782.19	88
R.259	NCA01_Residential	331873.08	6257781.84	85
R.260	NCA01_Residential	331781.08	6257774.75	85
R.261	NCA01_Residential	331863.68	6257773.95	83
R.262	NCA01_Residential	331725.12	6257769.52	90
R.263	NCA01_Residential	331888.80	6257767.65	84
R.264	NCA01_Residential	331855.20	6257766.98	82
R.265	NCA01_Residential	331840.76	6257765.61	82
R.266	NCA01_Residential	331788.31	6257765.10	85
R.267	NCA04_Residential	332070.98	6257759.91	85
R.268	NCA01_Residential	331686.90	6257759.55	93
R.269	NCA01_Residential	331968.20	6257756.70	88
R.270	NCA01_Residential	331795.55	6257754.97	84
R.271	NCA02_Residential	331564.72	6257755.15	102
R.272	NCA01_Residential	331805.92	6257740.02	83
R.273	NCA01_Residential	331745.73	6257738.28	89
R.274	NCA01_Residential	331887.32	6257731.14	80
R.275	NCA02_Residential	331643.46	6257729.23	95
R.276	NCA01_Residential	331911.07	6257709.17	80
R.277	NCA01_Residential	331769.33	6257703.82	86
R.278	NCA01_Residential	331767.14	6257682.99	85
R.279	NCA01_Residential	331921.46	6257697.60	79
R.280	NCA01_Residential	331929.17	6257688.40	78
R.281	NCA01_Residential	331809.70	6257697.04	82
R.282	NCA01_Residential	331826.49	6257679.79	81

Table E.1		GPS Co-ordinates (Zone 56H)		
Location ID	Description (NCA_Receptor Type)	Easting	Northing	Ground Height (AHD) m
R.283	NCA01_Residential	331937.78	6257678.60	78
R.284	NCA01_Residential	331945.80	6257670.29	77
R.285	NCA01_Mixed Use	331843.44	6257665.16	80
R.286	NCA01_Residential	331955.00	6257663.16	76
R.287	NCA01_Mixed Use	331852.75	6257656.52	80
R.288	NCA01_Residential	331962.42	6257655.15	76
R.289	NCA01_Residential	331969.54	6257648.92	76
R.290	NCA01_Residential	331974.88	6257642.68	76
R.291	NCA02_Residential	331689.33	6257637.73	87
R.292	NCA01_Residential	331788.27	6257635.58	83
R.293	NCA01_Residential	331973.99	6257633.78	76
R.294	NCA01_Mixed Use	331872.97	6257633.59	80
R.295	NCA01_Residential	332050.43	6257629.51	74
R.296	NCA01_Commercial	331991.11	6257621.80	76
R.297	NCA01_Mixed Use	331880.56	6257626.12	80
R.298	NCA02_Residential	331495.82	6257620.65	101
R.299	NCA01_Commercial	332021.48	6257662.43	76
R.300	NCA01_Mixed Use	331889.94	6257614.72	81
R.301	NCA01_Residential	332061.32	6257603.73	74
R.302	NCA01_Mixed Use	331902.86	6257602.22	82
R.303	NCA01_Mixed Use	331914.39	6257594.69	82
R.304	NCA01_Residential	331823.39	6257593.85	87
R.305	NCA01_Mixed Use	331920.83	6257588.71	82
R.306	NCA01_Mixed Use	331927.49	6257582.72	82
R.307	NCA02_Residential	331599.77	6257582.25	96
R.308	NCA01_Mixed Use	331932.10	6257578.85	82
R.309	NCA01_Mixed Use	331937.04	6257574.68	82
R.310	NCA01_Mixed Use	331942.24	6257570.30	82
R.311	NCA01_Residential	332084.32	6257577.55	73
R.312	NCA01_Residential	331861.60	6257562.08	90
R.313	NCA02_Residential	331766.52	6257556.62	94
R.314	NCA01_Commercial	331963.61	6257556.66	82
R.315	NCA01_Residential	332119.38	6257549.65	72
R.316	NCA01_Residential	332141.65	6257542.49	70
R.317	NCA01_Mixed Use	331977.10	6257542.40	83
R.318	NCA01_Residential	332156.02	6257539.63	69
R.319	NCA01_Commercial	331934.69	6257538.47	85
R.320	NCA01_Residential	332171.51	6257537.75	69
R.321	NCA01_Residential	332187.01	6257535.87	68
R.322	NCA01_Residential	331820.98	6257535.53	94
R.323	NCA01_Mixed Use	331987.46	6257534.44	84
R.324	NCA01_Residential	332201.10	6257532.58	68
R.325	NCA01_Residential	332217.54	6257529.77	68
R.326	NCA01_Mixed Use	331997.86	6257526.70	83
R.327	NCA02_Residential	331713.60	6257524.67	95
R.328	NCA01_Mixed Use	332005.72	6257521.11	83
R.329	NCA01_Residential	331912.15	6257520.91	90

Table E.1		GPS Co-ordinates (Zone 56H)		
Location ID	Description (NCA_Receptor Type)	Easting	Northing	Ground Height (AHD) m
R.330	NCA01_Mixed Use	332010.22	6257517.91	82
R.331	NCA02_Residential	331792.43	6257515.02	98
R.332	NCA01_Mixed Use	332014.46	6257514.89	82
R.333	NCA01_Residential	332327.30	6257514.52	72
R.334	NCA01_Mixed Use	332018.68	6257511.91	82
R.335	NCA01_Mixed Use	332022.86	6257508.95	82
R.336	NCA01_Mixed Use	332030.62	6257503.87	82
R.337	NCA01_Mixed Use	332041.98	6257496.69	81
R.338	NCA04_Residential	332463.49	6257494.60	76
R.339	NCA01_Residential	331874.49	6257490.79	94
R.340	NCA02_Residential	331744.57	6257488.08	98
R.341	NCA01_Mixed Use	332068.64	6257481.77	80
R.342	NCA01_Residential	332254.17	6257480.92	68
R.343	NCA04_Residential	332567.19	6257480.15	73
R.344	NCA01_Residential	332271.50	6257472.69	66
R.345	NCA01_Residential	331973.90	6257470.46	90
R.346	NCA01_Residential	332290.19	6257465.21	66
R.347	NCA01_Residential	332103.42	6257461.87	81
R.348	NCA02_Residential	331819.52	6257458.41	98
R.349	NCA01_Residential	332310.37	6257456.98	66
R.350	NCA01_Residential	332325.55	6257453.72	66
R.351	NCA01_Residential	332111.33	6257451.73	81
R.352	NCA01_Residential	332351.35	6257449.81	64
R.353	NCA01_Residential	332366.98	6257447.47	67
R.354	NCA01_Residential	332128.12	6257447.43	80
R.355	NCA01_Residential	332381.83	6257445.12	68
R.356	NCA01_Residential	332395.61	6257444.27	68
R.357	NCA02_Residential	331908.38	6257444.10	93
R.358	NCA01_Residential	332410.94	6257442.03	68
R.359	NCA01_Place of Worship	332181.59	6257440.19	78
R.360	NCA01_Residential	332424.77	6257439.41	68
R.361	NCA02_Residential	331834.96	6257438.83	97
R.362	NCA01_Residential	332441.97	6257437.17	68
R.363	NCA02_Residential	331785.26	6257435.82	100
R.364	NCA01_Residential	332456.17	6257435.30	68
R.365	NCA01_Residential	332472.25	6257433.43	68
R.366	NCA01_Residential	332486.08	6257430.44	68
R.367	NCA01_Residential	332148.66	6257429.46	80
R.368	NCA01_Residential	332502.90	6257428.57	68
R.369	NCA04_Residential	332794.43	6257426.48	69
R.370	NCA01_Residential	332516.73	6257425.96	68
R.371	NCA01_Residential	332199.23	6257425.17	78
R.372	NCA02_Residential	331797.68	6257424.90	99
R.373	NCA01_Residential	332532.06	6257424.09	69
R.374	NCA01_Residential	332547.76	6257421.84	69
R.375	NCA02_Residential	331763.42	6257420.38	100
R.376	NCA01_Residential	332562.72	6257419.23	69

Table E.1		GPS Co-ordinates (Zone 56H)		
Location ID	Description (NCA_Receptor Type)	Easting	Northing	Ground Height (AHD) m
R.377	NCA04_Residential	332578.04	6257416.61	69
R.378	NCA04_Residential	332591.50	6257414.37	69
R.379	NCA01_Residential	332121.07	6257413.10	84
R.380	NCA04_Residential	332607.58	6257412.87	69
R.381	NCA02_Residential	331848.51	6257412.85	95
R.382	NCA01_Residential	332222.53	6257412.53	76
R.383	NCA04_Residential	332621.78	6257410.63	68
R.384	NCA02_Residential	331956.56	6257409.21	91
R.385	NCA04_Residential	332637.11	6257408.76	68
R.386	NCA01_Residential	332245.22	6257399.35	74
R.387	NCA01_Residential	332262.63	6257389.35	74
R.388	NCA02_Residential	331808.98	6257383.48	94
R.389	NCA04_Residential	332877.83	6257368.05	78
R.390	NCA01_Residential	332256.50	6257365.82	76
R.391	NCA01_Residential	332325.49	6257361.31	76
R.392	NCA01_Residential	332269.40	6257356.15	77
R.393	NCA01_Residential	332319.05	6257349.06	77
R.394	NCA01_Residential	332312.28	6257336.48	77
R.395	NCA01_Residential	332274.88	6257336.16	78
R.396	NCA02_Educational	332006.82	6257335.40	90
R.397	NCA01_Residential	332343.40	6257329.13	77
R.398	NCA01_Residential	332307.44	6257327.13	78
R.399	NCA01_Residential	332278.43	6257324.88	80
R.400	NCA01_Residential	332352.50	6257323.63	78
R.401	NCA04a_Residential	332869.44	6257321.05	71
R.402	NCA01_Residential	332363.50	6257317.49	78
R.403	NCA01_Residential	332290.03	6257308.76	81
R.404	NCA01_Residential	332381.69	6257307.76	78
R.405	NCA01_Residential	332400.09	6257299.94	78
R.406	NCA01_Residential	332421.74	6257288.32	78
R.407	NCA01_Residential	332447.03	6257272.97	78
R.408	NCA01_Residential	332350.02	6257268.42	82
R.409	NCA01_Residential	332466.70	6257260.72	78
R.410	NCA01_Residential	332481.85	6257251.05	78
R.411	NCA01_Residential	332496.03	6257241.38	76
R.412	NCA01_Residential	332512.15	6257233.32	74
R.413	NCA04a_Residential	332854.50	6257226.19	56
R.414	NCA02_Residential	332282.48	6257223.95	86
R.415	NCA01a_Residential	332492.81	6257217.85	74
R.416	NCA01a_Residential	332534.72	6257212.37	72
R.417	NCA01a_Residential	332546.97	6257201.73	70
R.418	NCA01a_Residential	332554.71	6257188.83	69
R.419	NCA02a_Residential	332317.97	6257172.83	79
R.420	NCA02a_Residential	332360.64	6257101.41	71
R.421	NCA04a_Residential	332861.55	6257120.95	54
R.422	NCA01a_Residential	332749.73	6257108.72	57
R.423	NCA04a_Residential	332857.74	6257108.41	55

Table E.1		GPS Co-ordinates (Zone 56H)		
Location ID	Description (NCA_Receptor Type)	Easting	Northing	Ground Height (AHD) m
R.424	NCA01a_Residential	332834.29	6257098.59	57
R.425	NCA01a_Residential	332852.83	6257091.50	57
R.426	NCA01a_Residential	332791.94	6257080.69	60
R.427	NCA01a_Residential	332849.01	6257080.60	58
R.428	NCA01a_Residential	332755.11	6257079.43	60
R.429	NCA01a_Residential	332846.83	6257070.78	59
R.430	NCA01a_Residential	332764.67	6257049.55	63
R.431	NCA01a_Residential	332839.97	6257046.67	62
R.432	NCA01a_Commercial	332641.39	6257035.93	61
R.433	NCA01a_Residential	332814.55	6257034.88	64
R.434	NCA01a_Residential	332773.64	6257028.62	64
R.435	NCA01a_Residential	332833.35	6257026.07	65
R.436	NCA01a_Commercial	332596.30	6257022.67	61
R.437	NCA01_Residential	332845.31	6257006.22	66
R.438	NCA01a_Commercial	332660.31	6257005.41	67
R.439	NCA01a_Industrial	332713.51	6257001.99	70
R.440	NCA02a_Commercial	332557.32	6256998.79	63
R.441	NCA01_Residential	332789.18	6256992.16	68
R.442	NCA01_Residential	332854.72	6256991.72	67
R.443	NCA01_Residential	332835.43	6256982.12	69
R.444	NCA01_Residential	332860.83	6256981.29	68
R.445	NCA01a_Commercial	332681.05	6256975.86	70
R.446	NCA01_Residential	332867.44	6256971.63	69
R.447	NCA01_Residential	332798.75	6256971.24	70
R.448	NCA02a_Commercial	332499.53	6256965.11	68
R.449	NCA01_Residential	332873.04	6256960.94	70
R.450	NCA01a_Commercial	332636.00	6256958.62	67
R.451	NCA01_Residential	332878.64	6256952.80	70
R.452	NCA01_Residential	332804.13	6256949.72	71
R.453	NCA01_Commercial	332696.26	6256948.10	73
R.454	NCA01_Residential	332834.85	6256944.43	72
R.455	NCA01_Residential	332883.98	6256944.15	71
R.456	NCA01_Residential	332810.10	6256932.98	73
R.457	NCA01_Residential	332891.10	6256932.96	72
R.458	NCA02a_Commercial	332593.73	6256931.89	69
R.459	NCA01_Residential	332896.44	6256925.07	73
R.460	NCA01_Residential	332842.39	6256924.72	74
R.461	NCA01_Residential	332901.78	6256915.41	74
R.462	NCA01_Residential	332813.09	6256915.05	75
R.463	NCA01_Residential	332849.34	6256906.74	75
R.464	NCA01_Residential	332907.13	6256906.25	75
R.465	NCA01_Commercial	332726.00	6256901.83	77
R.466	NCA02_Commercial	332533.98	6256896.72	74
R.467	NCA01_Residential	332914.99	6256895.73	75
R.468	NCA01_Residential	332886.09	6256894.37	76
R.469	NCA01_Residential	332819.07	6256891.14	77
R.470	NCA01_Residential	332875.97	6256888.22	77

Table E.1		GPS Co-ordinates (Zone 56H)		
Location ID	Description (NCA_Receptor Type)	Easting	Northing	Ground Height (AHD) m
R.471	NCA01_Residential	332859.20	6256888.19	77
R.472	NCA01_Residential	332863.31	6256879.55	77
R.473	NCA01_Residential	332850.83	6256873.53	78
R.474	NCA01_Residential	332824.45	6256873.21	78
R.475	NCA01_Residential	332901.27	6256868.34	77
R.476	NCA01_Residential	332840.97	6256866.59	78
R.477	NCA01_Residential	332890.79	6256864.36	78
R.478	NCA02_Commercial	332479.05	6256862.13	74
R.479	NCA01_Residential	332876.33	6256852.80	79
R.480	NCA01_Residential	332828.04	6256841.52	80
R.481	NCA01_Commercial	332766.27	6256836.79	79
R.482	NCA01_Residential	332846.68	6256833.64	80
R.483	NCA01_Commercial	332686.81	6256817.30	78
R.484	NCA01_Residential	332832.22	6256808.65	81
R.485	NCA01_Recreational	332838.37	6256768.92	83
R.486	NCA01_Commercial	332700.05	6256765.43	78
R.487	NCA01_Commercial	332768.86	6256668.04	76
R.488	NCA01_Commercial	332770.44	6256616.69	77
R.489	NCA01_Commercial	332779.86	6256557.67	77
R.490	NCA01_Residential	332854.36	6256511.84	76
R.491	NCA01_Commercial	332795.39	6256484.37	76
R.492	NCA01_Residential	332854.72	6256419.66	74
R.493	NCA01_Recreational	332963.49	6256396.54	68
R.494	NCA01_Residential	332810.92	6256389.94	78
R.495	NCA01_Residential	332864.92	6256367.99	76
R.496	NCA01_Residential	332886.67	6256344.20	75
R.497	NCA01_Residential	332971.65	6256316.33	66
R.498	NCA01_Residential	332915.23	6256314.97	74
R.499	NCA01_Residential	332825.21	6256308.57	78
R.500	NCA01_Residential	332955.33	6256286.41	66
R.501	NCA01_Hospital	332771.97	6256274.48	83
R.502	NCA04_Residential	333031.43	6256271.73	74
R.503	NCA01_Commercial	332944.56	6256270.95	67
R.504	NCA01_Residential	332830.80	6256260.73	78
R.505	NCA04_Residential	333020.10	6256259.33	74
R.506	NCA04_Residential	333010.89	6256243.76	76
R.507	NCA01_Commercial	332919.25	6256237.74	68
R.508	NCA01_Commercial	332893.07	6256234.91	74
R.509	NCA01_Residential	332992.79	6256233.42	74
R.510	NCA01_Residential	332979.08	6256218.72	74
R.511	NCA01_Residential	332832.67	6256212.90	78
R.512	NCA01_Residential	332975.04	6256205.67	75
R.513	NCA01_Commercial	332921.68	6256194.36	71
R.514	NCA01_Residential	332978.21	6256189.47	76
R.515	NCA01_Residential	332980.07	6256176.05	77
R.516	NCA01_Hospital	332788.60	6256174.71	81
R.517	NCA01_Residential	332838.88	6256171.28	77

Table E.1		GPS Co-ordinates (Zone 56H)		
Location ID	Description (NCA_Receptor Type)	Easting	Northing	Ground Height (AHD) m
R.518	NCA01_Commercial	332924.58	6256166.33	73
R.519	NCA01_Residential	332982.31	6256162.26	78
R.520	NCA06_Commercial	332923.01	6256142.60	75
R.521	NCA06_Residential	332845.71	6256125.31	74
R.522	NCA06_Commercial	332990.11	6256124.44	79
R.523	NCA06_Commercial	332996.04	6256099.56	80
R.524	NCA06_Residential	332908.45	6256088.03	76
R.525	NCA06_Residential	332847.57	6256078.71	74
R.526	NCA06_Commercial	332969.99	6256069.92	80
R.527	NCA06_Commercial	333001.38	6256056.61	82
R.528	NCA06_Commercial	332888.38	6256012.19	76
R.529	NCA06_Commercial	332820.53	6256002.03	76
R.530	NCA06_Commercial	333006.16	6256012.39	84

1. All GPS coordinates are in UTM, Zone 56H
2. Australian Height Datum in metres (m).

Appendix F – Construction Program

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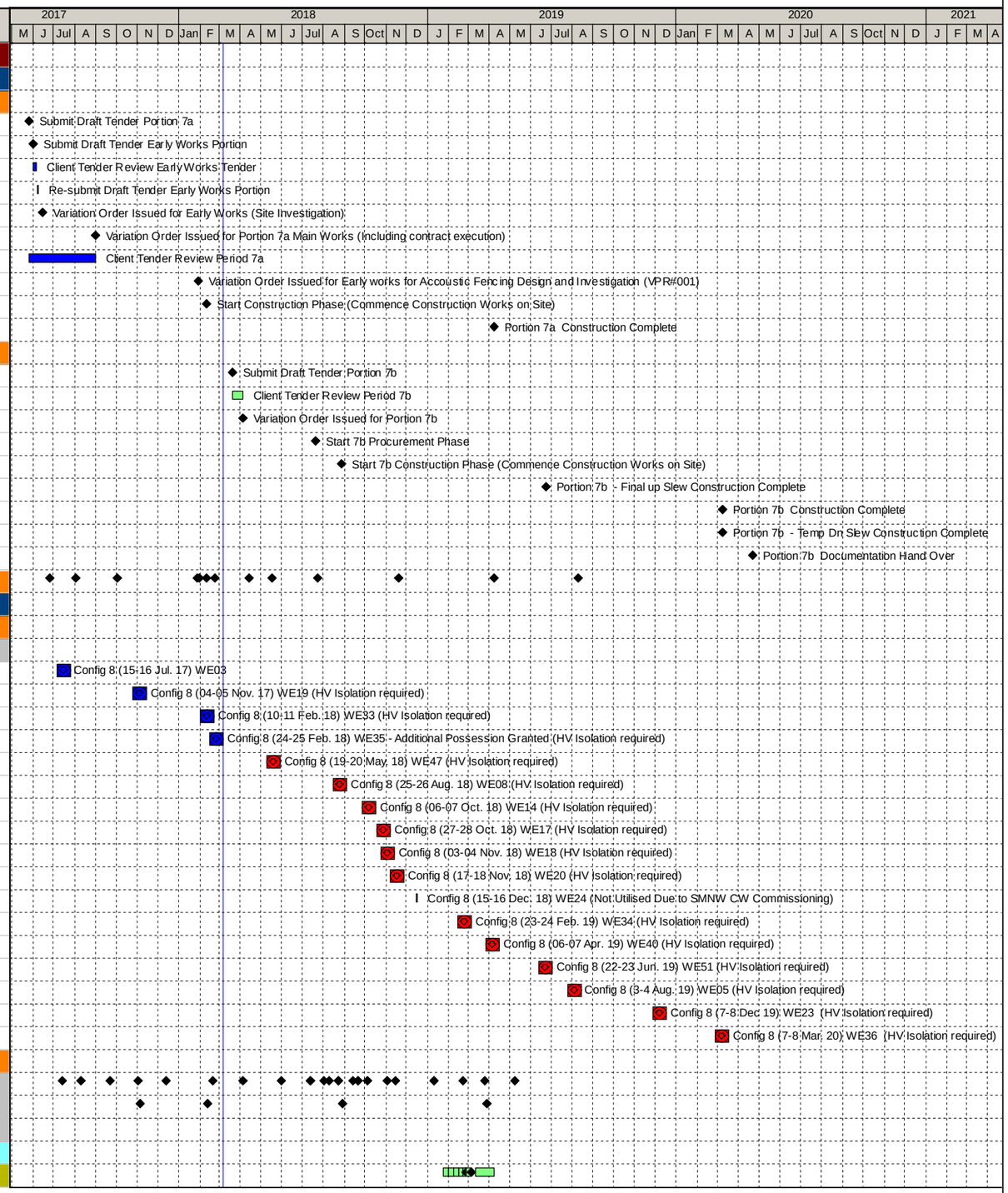
Sydney Metro City & Southwest
North Corridor Works (VPR007) Contract Programme (7A&7B)

Activity ID	Activity Name	Start	Finish	At Completion Duration
Sydney Metro City and Southwest - NCW Contract Programme - 7B rev 2		26-May-17 A	21-Apr-20	711
KEY MILESTONES		26-May-17 A	21-Apr-20	711
Contract Key Dates 7A		26-May-17 A	08-Apr-19	458
CNCW-K1035	Submit Draft Tender Portion 7a	26-May-17 A		0
CNCW-K2460	Submit Draft Tender Early Works Portion		02-Jun-17 A	0
CNCW-K2470	Client Tender Review Early Works Tender	02-Jun-17 A	06-Jun-17 A	2
CNCW-K2480	Re-submit Draft Tender Early Works Portion	07-Jun-17 A	09-Jun-17 A	2
CNCW-K2440	Variation Order Issued for Early Works (Site Investigation)	16-Jun-17 A		0
CNCW-K1075	Variation Order Issued for Portion 7a Main Works (Including contract execution)		01-Sep-17 A	0
CNCW-K1045	Client Tender Review Period 7a	26-May-17 A	01-Sep-17 A	69
CNCW-K2530	Variation Order Issued for Early works for Accoustic Fencing Design and Investigation (VPR#001)		29-Jan-18 A	0
CNCW-K1200	Start Construction Phase (Commence Construction Works on Site)		10-Feb-18 A	0
CNCW-K1590	Portion 7a Construction Complete		08-Apr-19*	0
Contract Key Dates 7B		20-Mar-18	21-Apr-20	512
CNCW-K2610	Submit Draft Tender Portion 7b	20-Mar-18*		0
CNCW-K2650	Client Tender Review Period 7b	20-Mar-18	04-Apr-18	10
CNCW-K2620	Variation Order Issued for Portion 7b		05-Apr-18	0
CNCW-K2625	Start 7b Procurement Phase	20-Jul-18		0
CNCW-K2640	Start 7b Construction Phase (Commence Construction Works on Site)	27-Aug-18		0
CNCW-K3150	Portion 7b - Final up Slew Construction Complete		23-Jun-19*	0
CNCW-K2630	Portion 7b Construction Complete		08-Mar-20*	0
CNCW-K3160	Portion 7b - Temp Dn Slew Construction Complete		08-Mar-20*	0
CNCW-K2720	Portion 7b Documentation Hand Over		21-Apr-20*	0
Portion Specific Milestones TBC		26-Jun-17 A	09-Aug-19	523
PROJECT MANAGEMENT		14-Jul-17 A	08-Mar-20	647
Available Possessions		15-Jul-17 A	08-Mar-20	646
Config 8 (SMC&SW)		15-Jul-17 A	08-Mar-20	646
CNCW-K1230	Config 8 (15-16 Jul. 17) WE03	15-Jul-17 A	16-Jul-17 A	1
CNCW-K1250	Config 8 (04-05 Nov. 17) WE19 (HV Isolation required)	04-Nov-17 A	05-Nov-17 A	1
CNCW-K1280	Config 8 (10-11 Feb. 18) WE33 (HV Isolation required)	10-Feb-18 A	11-Feb-18 A	2
CNCW-K2490	Config 8 (24-25 Feb. 18) WE35 - Additional Possession Granted (HV Isolation required)	24-Feb-18 A	25-Feb-18 A	2
CNCW-K1360	Config 8 (19-20 May. 18) WE47 (HV Isolation required)	19-May-18	20-May-18	2
CNCW-K1460	Config 8 (25-26 Aug. 18) WE08 (HV Isolation required)	25-Aug-18	26-Aug-18	2
CNCW-K1500	Config 8 (06-07 Oct. 18) WE14 (HV Isolation required)	06-Oct-18	07-Oct-18	2
CNCW-K1520	Config 8 (27-28 Oct. 18) WE17 (HV Isolation required)	27-Oct-18	28-Oct-18	2
CNCW-K1540	Config 8 (03-04 Nov. 18) WE18 (HV Isolation required)	03-Nov-18	04-Nov-18	2
CNCW-K1580	Config 8 (17-18 Nov. 18) WE20 (HV Isolation required)	17-Nov-18	18-Nov-18	2
CNCW-K1640	Config 8 (15-16 Dec. 18) WE24 (Not Utilised Due to SMNW CW Commissioning)	15-Dec-18*	16-Dec-18	2
CNCW-K1650	Config 8 (23-24 Feb. 19) WE34 (HV Isolation required)	23-Feb-19	24-Feb-19	2
CNCW-K1660	Config 8 (06-07 Apr. 19) WE40 (HV Isolation required)	06-Apr-19	07-Apr-19	2
CNCW-K1670	Config 8 (22-23 Jun. 19) WE51 (HV Isolation required)	22-Jun-19	23-Jun-19	2
CNCW-K2670	Config 8 (3-4 Aug. 19) WE05 (HV Isolation required)	03-Aug-19	04-Aug-19	2
CNCW-K2540	Config 8 (7-8 Dec 19) WE23 (HV Isolation required)	07-Dec-19	08-Dec-19	2
CNCW-K2680	Config 8 (7-8 Mar. 20) WE36 (HV Isolation required)	07-Mar-20	08-Mar-20	2
Interface Dates & Documentation		14-Jul-17 A	06-Mar-20	647
Possession Documentation TBC		14-Jul-17 A	09-May-19	444
Interface Milestones & Events TBC		05-Nov-17 A	29-Mar-19	338
CCB Documentation (Combined Gate 4 & 5)		14-Jan-19	06-Mar-20	282
CSG 4 Deliverables		23-Jan-19	06-Mar-20	275
Separable Portion 7a		23-Jan-19	08-Apr-19	52



Remaining Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Possession Normal
Possession Critical
Possession Complete - CNCW
Milestone

Current Date 27-Mar-18

Date	Revision	Checked	Approved
27-Mar-18	NCW Programme P7A&B	HA/NS	TD

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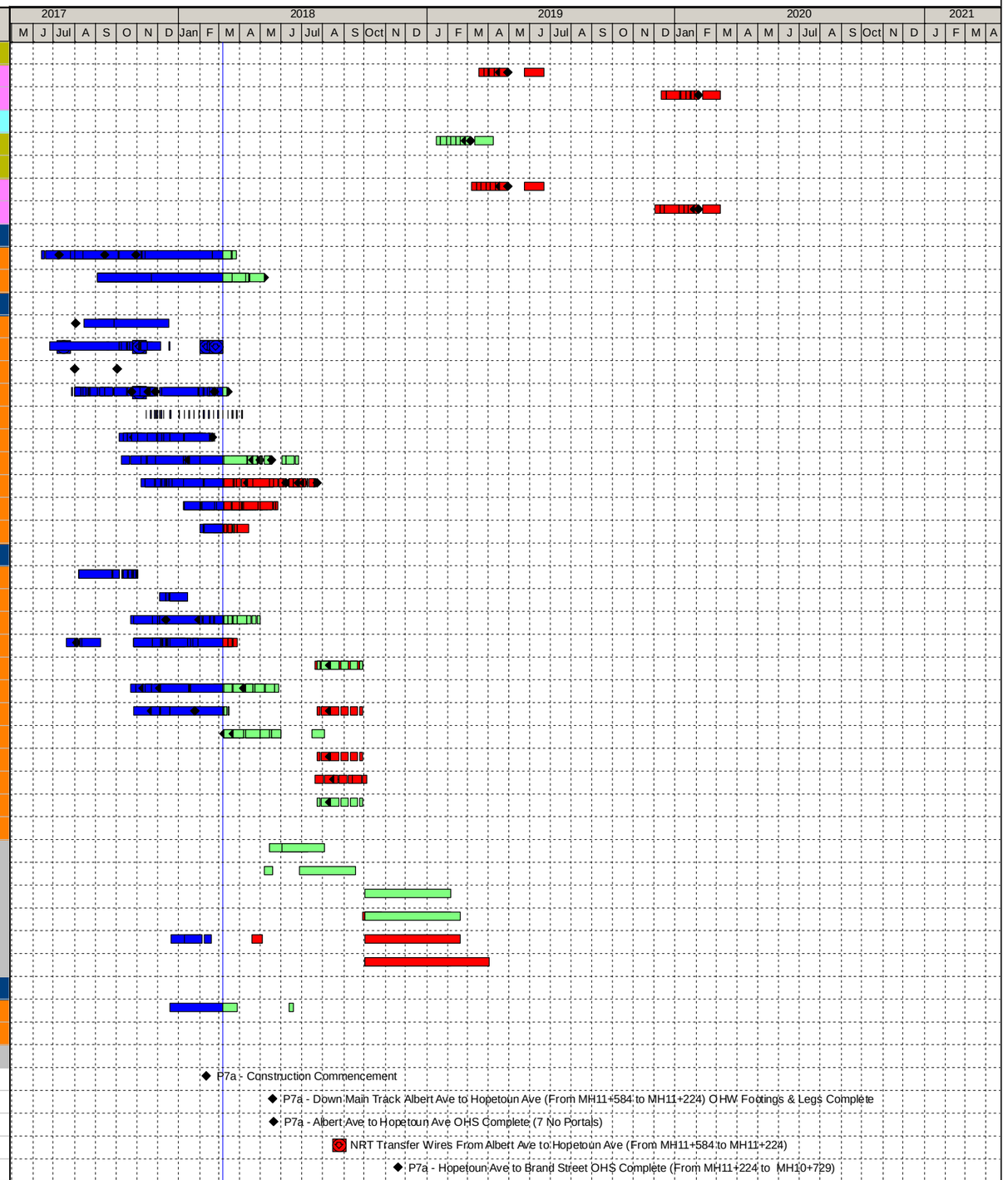
Sydney Metro City & Southwest
North Corridor Works (VPR007) Contract Programme (7A&7B)

Activity ID	Activity Name	Start	Finish	At Completion Duration
	Separable Portion 7b	18-Mar-19	06-Mar-20	238
	Final Up	18-Mar-19	21-Jun-19	65
	Temporary Down	11-Dec-19	06-Mar-20	51
	CSG 5 Deliverables	14-Jan-19	06-Mar-20	282
	Separable Portion 7a	14-Jan-19	08-Apr-19	59
	Separable Portion 7b	07-Mar-19	06-Mar-20	245
	Final Up	07-Mar-19	21-Jun-19	72
	Temporary Down	02-Dec-19	06-Mar-20	58
	PRELIMINARIES	13-Jun-17 A	07-May-18	220
	Planning Approval	13-Jun-17 A	26-Mar-18	193
	Management Plans	04-Sep-17 A	07-May-18	161
	DESIGN	26-Jun-17 A	23-Jul-18	264
	Services Mobilisation	03-Aug-17 A	18-Dec-17 A	96
	SURVEYS / INVESTIGATIONS	26-Jun-17 A	25-Feb-18 A	163
	Project Inputs Provided (by Others)	02-Aug-17 A	03-Oct-17 A	43
	Early Services	28-Jul-17 A	14-Mar-18	151
	Management - Meetings and Reporting updates	15-Nov-17 A	04-Apr-18	88
	Overhead Wiring and Overhead Wiring Structures (Portion 7a)	06-Oct-17 A	23-Feb-18 A	89
	Drainage Works Design (Portion 7a)	09-Oct-17 A	26-Jun-18	172
	Main Works Design	06-Nov-17 A	23-Jul-18	170
	Temporary Works	09-Jan-18 A	27-May-18	95
	Hebel accoustic Fence	02-Feb-18 A	13-Apr-18	49
	PROCUREMENT	21-Jul-17 A	02-Apr-19	415
	Procured as Variation to Existing Portion 1-6 Contract - till December 2017	07-Aug-17 A	02-Nov-17 A	62
	Procured as Variation to Existing Portion 1-6 Contract - till WE35	04-Dec-17 A	15-Jan-18 A	20
	Misc Subcontract Package Procurement	23-Oct-17 A	30-Apr-18	122
	Environmental	21-Jul-17 A	28-Mar-18	167
	Signalling & Comms	20-Jul-18	28-Sep-18	51
	Civil & Structure	23-Oct-17 A	28-May-18	142
	OHW	27-Oct-17 A	28-Sep-18	226
	Drainage	08-Mar-18	03-Aug-18	103
	Track	23-Jul-18	28-Sep-18	50
	Bridge Works	20-Jul-18	05-Oct-18	55
	Electrical	23-Jul-18	28-Sep-18	50
	Long Lead Items	21-Dec-17 A	02-Apr-19	307
	Drainage	15-May-18	03-Aug-18	58
	Stormwater Basin	07-May-18	18-Sep-18	96
	HV/LV Cable	02-Oct-18	05-Feb-19	80
	Signalling	28-Sep-18	19-Feb-19	91
	OHW	21-Dec-17 A	19-Feb-19	277
	Track	02-Oct-18	02-Apr-19	120
	CONSTRUCTION	20-Dec-17 A	08-Mar-20	535
	Site office	20-Dec-17 A	18-Jun-18	114
	Portion 7a	10-Feb-18 A	23-Jun-19	335
	OHW	10-Feb-18 A	08-Apr-19	284
CNCW-C1775	P7a - Construction Commencement		10-Feb-18 A	0
CNCW-C4685	P7a - Down Main Track Albert Ave to Hopetoun Ave (From MH11+584 to MH11+224) OHW Footings & Legs Complete		19-May-18	0
CNCW-C4505	P7a - Albert Ave to Hopetoun Ave OHS Complete (7 No Portals)		20-May-18*	0
CNCW-C4525	NRT Transfer Wires From Albert Ave to Hopetoun Ave (From MH11+584 to MH11+224)	25-Aug-18	26-Aug-18	2
CNCW-C4515	P7a - Hopetoun Ave to Brand Street OHS Complete (From MH11+224 to MH10+729)		19-Nov-18	0



Remaining Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Possession Normal
Possession Critical
Possession Complete - CNCW
Milestone

Current Date 27-Mar-18

Date	Revision	Checked	Approved
27-Mar-18	NCW Programme P7A&B	HA/NS	TD

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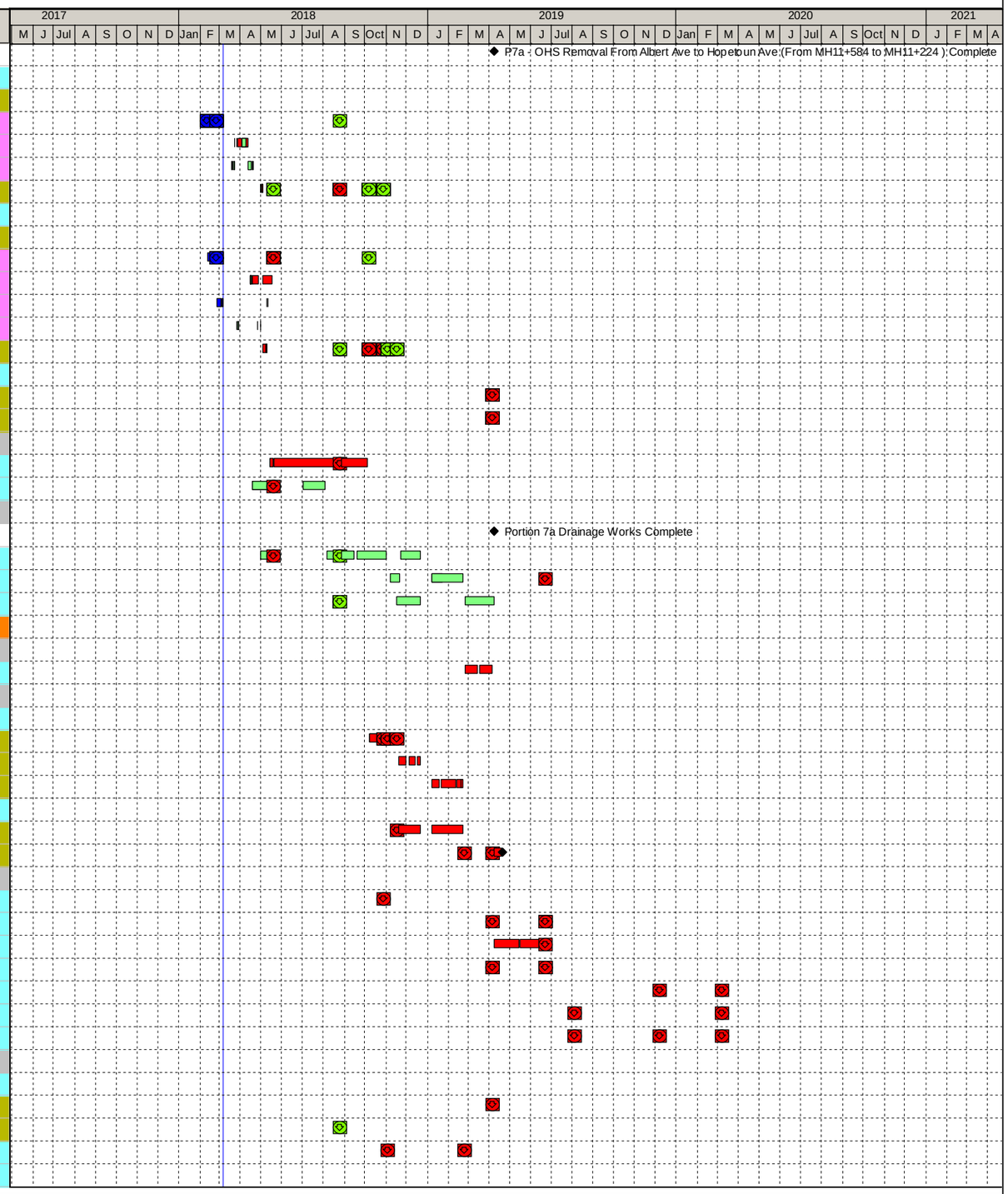
Sydney Metro City & Southwest
North Corridor Works (VPR007) Contract Programme (7A&7B)

Activity ID	Activity Name	Start	Finish	At Completion Duration
CNCW-C4586	P7a - OHS Removal From Albert Ave to Hopetoun Ave (From MH11+584 to MH11+224) Complete		08-Apr-19	0
Footings		10-Feb-18 A	28-Oct-18	180
Albert Ave - Hopetoun Ave (MH11+584 - MH11+224)		10-Feb-18 A	26-Aug-18	136
Possession Works		10-Feb-18 A	26-Aug-18	8
Frank Channon Walk (Mid-week Works - Outside the danger zone)		23-Mar-18	12-Apr-18	13
Mid-week Works (Outside the danger zone)		19-Mar-18	19-Apr-18	22
Hopetoun Ave - Brand St (MH11+224 - MH10+729)		30-Apr-18	28-Oct-18	128
Structure		12-Feb-18 A	18-Nov-18	195
Albert Ave - Hopetoun Ave (MH11+584 - MH11+224)		12-Feb-18 A	06-Oct-18	165
Possession Works		12-Feb-18 A	06-Oct-18	165
Frank Channon Walk (Mid-week Works - Outside the danger zone)		16-Apr-18	17-May-18	21
Mid-week Works		26-Feb-18 A	11-May-18	52
Mid-week Works (Outside the danger zone)		27-Mar-18	30-Apr-18	20
Hopetoun Ave - Brand St (MH11+224 - MH10+729)		04-May-18	18-Nov-18	139
Overhead Structure Removal		06-Apr-19	07-Apr-19	2
Albert Ave - Hopetoun Ave (MH11+584 - MH11+224)		06-Apr-19	07-Apr-19	2
Mid-week Works (Outside the danger zone)		06-Apr-19	07-Apr-19	2
Civil		18-Apr-18	05-Oct-18	120
Fencing		14-May-18	05-Oct-18	103
Devegetation		18-Apr-18	03-Aug-18	76
Drainage		30-Apr-18	23-Jun-19	283
CNCW-C3855	Portion 7a Drainage Works Complete		08-Apr-19	0
Stormwater Attenuation System		30-Apr-18	21-Dec-18	168
Drainage by TSE (TBC)		07-Nov-18	23-Jun-19	148
Drainage System (10.725 - 11.500)		25-Aug-18	08-Apr-19	149
Portion 7b		19-May-18	08-Mar-20	441
LV/HV		25-Feb-19	05-Apr-19	30
Cable Pulling (11kV and 33kV)		25-Feb-19	05-Apr-19	30
Bridgeworks		08-Oct-18	21-Apr-19	128
Mowbray RD Bridge		08-Oct-18	22-Feb-19	89
Demolition and Piling		08-Oct-18	18-Nov-18	30
North		19-Nov-18	21-Dec-18	23
South		07-Jan-19	22-Feb-19	33
Nelson St Bridge		17-Nov-18	21-Apr-19	98
Preparation		17-Nov-18	21-Feb-19	58
Demolition		23-Feb-19	21-Apr-19	39
Track		27-Oct-18	08-Mar-20	328
CH 11.050 km to 11.250 km Existing Turnout by Others		27-Oct-18	28-Oct-18	2
CH 10807.044 - 11009.967 Modifications Existing Up Shore		06-Apr-19	23-Jun-19	4
CH 11009.967 - 11255.402 Up Shore		08-Apr-19	23-Jun-19	51
CH 11255.402 - 11372.882 Up Shore		06-Apr-19	23-Jun-19	4
CH 11235.000 - 11375.122 Existing Dn Shore		07-Dec-19	08-Mar-20	4
CH 10632.044 - 10722.044 Existing Dn Shore		03-Aug-19	08-Mar-20	6
CH 10722.044 - 11235.000 Temporary Down		03-Aug-19	08-Mar-20	6
Civil		25-Aug-18	07-Apr-19	148
Enabling Works		25-Aug-18	07-Apr-19	14
Hi rail Access		06-Apr-19	07-Apr-19	2
GST Protection		25-Aug-18	26-Aug-18	2
Signal Base		03-Nov-18	24-Feb-19	6
CSR / Local Routes		27-Oct-18	18-Nov-18	15



Remaining Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Possession Normal
Possession Critical
Possession Complete - CNCW
◆ Milestone

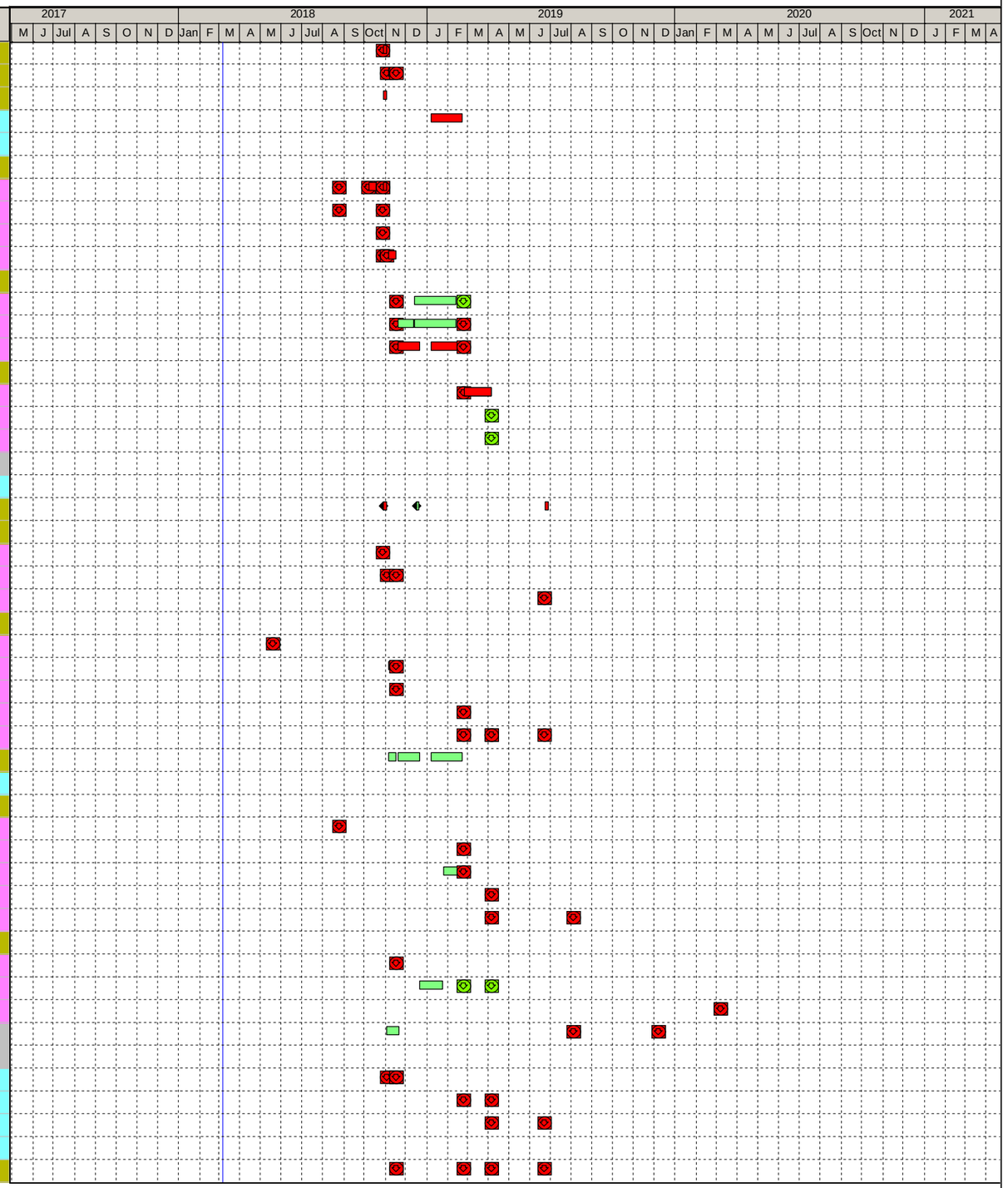
Current Date 27-Mar-18

Date	Revision	Checked	Approved
27-Mar-18	NCW Programme P7A&B	HA/NS	TD

LAING O'ROURKE

Sydney Metro City & Southwest
North Corridor Works (VPR007) Contract Programme (7A&7B)

Activity ID	Activity Name	Start	Finish	At Completion Duration
	Final Up	27-Oct-18	02-Nov-18	5
	Temporary Down	03-Nov-18	18-Nov-18	10
	Up Side Permanent Route 11.100km to 11.300km	29-Oct-18	02-Nov-18	5
	Hopetoun Avenue Access Ramp	07-Jan-19	22-Feb-19	33
	Retaining Wall	25-Aug-18	07-Apr-19	148
	Retaining Wall 11.235km - 11-320km	25-Aug-18	16-Nov-18	59
	Piling	25-Aug-18	02-Nov-18	49
	Remove Existing	25-Aug-18	28-Oct-18	6
	Install Panels and Posts	27-Oct-18	28-Oct-18	2
	FRP	27-Oct-18	16-Nov-18	15
	Retaining Wall 11.070km - 11-200km	17-Nov-18	24-Feb-19	59
	Piling	17-Nov-18	24-Feb-19	59
	Remove Existing	17-Nov-18	24-Feb-19	59
	Install Panels and Posts	17-Nov-18	24-Feb-19	59
	Retaining Wall 11.200km - 11-235km	23-Feb-19	07-Apr-19	30
	Piling	23-Feb-19	05-Apr-19	30
	Remove Existing	06-Apr-19	07-Apr-19	2
	Install Panels and Posts	06-Apr-19	07-Apr-19	2
	Signals & Comms	19-May-18	08-Mar-20	441
	Up Shore	19-May-18	28-Jun-19	273
	Cable Test on Drums	29-Oct-18	28-Jun-19	155
	Track Circuit 10.820km to 11.424km	27-Oct-18	23-Jun-19	155
	Equipment Installation / Relocation	27-Oct-18	28-Oct-18	2
	Cable Installation	29-Oct-18	18-Nov-18	15
	Bonding	22-Jun-19	23-Jun-19	2
	Singal and Train Stop SH6.76(10.871km)-SH6.86(11.039km)-SH7.10(11.409km)-SH6.86(11.139km)	19-May-18	23-Jun-19	268
	Signal Sighting	19-May-18	20-May-18	2
	Cable Installation	05-Nov-18	18-Nov-18	10
	Train Stop Installation	12-Nov-18	18-Nov-18	5
	Signal Installation	23-Feb-19	24-Feb-19	2
	Testing	23-Feb-19	23-Jun-19	6
	Circuit Modification and Testing	05-Nov-18	21-Feb-19	65
	Temporary Dn Shore	25-Aug-18	08-Mar-20	372
	Signal and Train Stop Temp Dn SH6.91(11.045km), SH7.05(11.356km)	25-Aug-18	04-Aug-19	229
	Signal Sighting	25-Aug-18	26-Aug-18	2
	Train Stop Installation	23-Feb-19	24-Feb-19	2
	Cable Installation	25-Jan-19	24-Feb-19	20
	Signal Installation	06-Apr-19	07-Apr-19	2
	Testing	06-Apr-19	04-Aug-19	6
	Track Circuit Temporary Dn 10.830km to 11.500km	17-Nov-18	08-Mar-20	313
	Equipment Installation / Relocation	17-Nov-18	18-Nov-18	2
	Cable Installation	21-Dec-18	07-Apr-19	65
	Bonding	07-Mar-20	08-Mar-20	2
	Drainage	02-Nov-18	08-Dec-19	270
	OHW	03-Nov-18	08-Mar-20	323
	OHW Protection	03-Nov-18	18-Nov-18	4
	Footings	23-Feb-19	07-Apr-19	4
	Structures	04-Apr-19	23-Jun-19	53
	OHW Wire Run	17-Nov-18	08-Mar-20	14
	Final Up Slew	17-Nov-18	23-Jun-19	8



Remaining Level of Effort
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Critical Remaining Work
Possession Normal
Possession Critical
Possession Complete - CNCW
Milestone

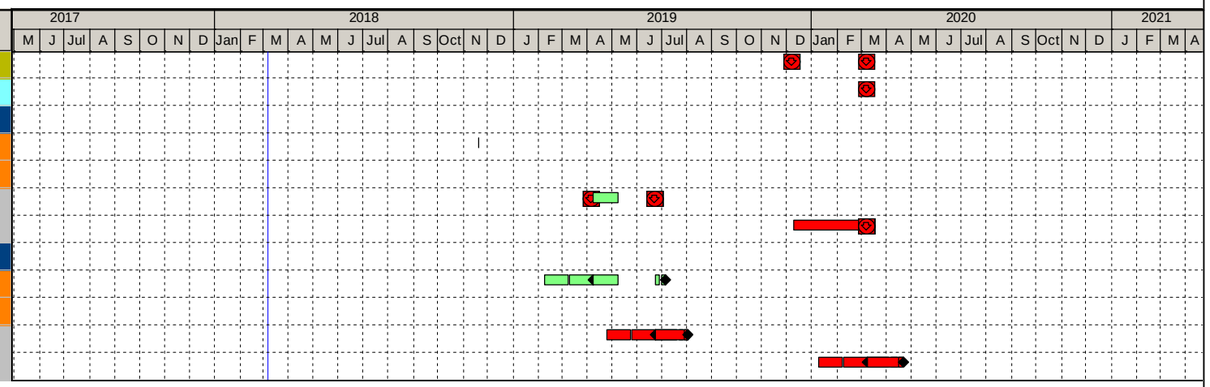
Current Date 27-Mar-18

Date	Revision	Checked	Approved
27-Mar-18	NCW Programme P7A&B	HA/NS	TD

LAING O'ROURKE

Sydney Metro City & Southwest
North Corridor Works (VPR007) Contract Programme (7A&7B)

Activity ID	Activity Name	Start	Finish	At Completion Duration
	Temporary Down Slew	07-Dec-19	08-Mar-20	4
	OHW Removal	07-Mar-20	08-Mar-20	2
	COMMISSIONING	19-Nov-18	08-Mar-20	313
	Portion 7a	19-Nov-18	19-Nov-18	1
	Portion 7b	06-Apr-19	08-Mar-20	224
	Final Up Slew	06-Apr-19	23-Jun-19	51
	Temporary Down Slew	09-Dec-19	08-Mar-20	54
	HANDOVER / COMPLETION	08-Feb-19	21-Apr-20	295
	Portion 7a Handover	08-Feb-19	05-Jul-19	102
	Portion 7b Handover	25-Apr-19	21-Apr-20	243
	Final Up	25-Apr-19	02-Aug-19	70
	Temporary Dn	09-Jan-20	21-Apr-20	71



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Milestone

Current Date 27-Mar-18

Date	Revision	Checked	Approved
27-Mar-18	NCW Programme P7A&B	HA/NS	TD

Appendix G – Sydney Metro Stakeholder Comment Register

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Sydney Metro City & Southwest
Stakeholder Comment Tracker

Document: NCW Portion 7b - Construction Noise and Vibration Management Plan
Version: 1
Date of review: 10/08/2018

RESPONSE STATUS
O Open
C Closed

Item No	Contract	Contractor	Doc Rev	Item Description, Page, Para, Drg ref	Stakeholder	Reviewer	Date	Requirement Ref (COA or REMM)	Stakeholder comment	TfNSW/Contractor Response	Date	Response Status (date)
1	NCW	LOR	V1	All	WCC	MH	10-Aug-2018	C11	Dear Christopher, I refer to your request to Council for comments for the Sydney Metro City and Southwest – North Corridor Works documents "Construction Noise and Vibration Management Plan (CNVMP)" and Construction Noise and Vibration Monitoring Program" I have reviewed documentation. Please be advised that Council does not have appropriately accredited personnel in this field to fully review all aspects of the documentation however I have, as the most appropriate officer within Council regarding noise issues, reviewed the attached documentation which is noted. The documentation provided appears comprehensively prepared buy a qualified acoustic engineer and I am satisfied the Management Plan and Monitoring Program comply with the relevant standards. If you have any further queries please contact me. Mark Hayward - Compliance Team Leader WILLOUGHBY CITY COUNCIL	Noted and thanks	13-Aug-2018	C
2	NCW	LOR	V1	All	WCC	MH	10-Aug-2018	C11	Hi Chris, I refer to the Sydney Metro City and Southwest – Northern Corridor Works – Construction Noise and Vibration Management Plan (Document Reference No. MNNSCW - Portion 7b - CNVMP_V0.2.docx) forwarded to EPA via email on 31 July 2018. I apologise for the delay in responding. Thank you for forwarding the CNVMP for our records. The EPA encourages the development of such plans to ensure that proponents have determined how they will meet their statutory obligations and designated environmental objectives. However, it is not EPA policy to approve or endorse these documents. The EPA's role is to set environmental objectives/requirements for environmental management, rather than being directly involved in the development of strategies to achieve those objectives/requirements. You may however wish to submit the CNVMP, or parts thereof, as supporting information for your future Environment Protection Licence (EPL) application. Information in the CNVMP would be a relevant consideration for EPA in exercising its functions under Section 45 of the Protection of the Environment Operations Act 1997. Any required application to EPA to issue a licence for scheduled development work or a licenced activity should be made in a timely manner to allow for processing of the application. The Act provides that a licence application is deemed to have been refused after 60 days. Thank you for your email and please do not hesitate to contact me should you wish to discuss. Best regards Gordon Gordon Downey Senior Operations Officer - Metropolitan Infrastructure Metro, NSW Environment Protection Authority	Noted and thanks	13-Aug-2018	C

From: Gordon Downey <Gordon.Downey@epa.nsw.gov.au>
Sent: Friday, 10 August 2018 3:05 PM
To: Standing, Christopher; Claire Miles
Subject: RE: REQUEST FOR RVEIEW: Sydney Metro City & Southwest // Northern Corridor Works - Construction Noise and Vibration Management Plan

Hi Chris,

I refer to the Sydney Metro City and Southwest – Northern Corridor Works – Construction Noise and Vibration Management Plan (Document Reference No. MNNSCW - Portion 7b - CNVMP_V0.2.docx) forwarded to EPA via email on 31 July 2018. I apologise for the delay in responding.

Thank you for forwarding the CNVMP for our records. The EPA encourages the development of such plans to ensure that proponents have determined how they will meet their statutory obligations and designated environmental objectives. However, it is not EPA policy to approve or endorse these documents. The EPA's role is to set environmental objectives/requirements for environmental management, rather than being directly involved in the development of strategies to achieve those objectives/requirements.

You may however wish to submit the CNVMP, or parts thereof, as supporting information for your future Environment Protection Licence (EPL) application. Information in the CNVMP would be a relevant consideration for EPA in exercising its functions under Section 45 of the Protection of the Environment Operations Act 1997.

Any required application to EPA to issue a licence for scheduled development work or a licenced activity should be made in a timely manner to allow for processing of the application. The Act provides that a licence application is deemed to have been refused after 60 days.

Thank you for your email and please do not hesitate to contact me should you wish to discuss.

Best regards

Gordon

Gordon Downey
Senior Operations Officer - Metropolitan Infrastructure
Metro, NSW Environment Protection Authority
+61 2 9995 5783
gordon.downey@epa.nsw.gov.au www.epa.nsw.gov.au @EPA_NSW
Report pollution and environmental incidents 131 555 (NSW only) or +61 2 9995 5555

From: Standing, Christopher [mailto:cstanding@laingorourke.com.au]
Sent: Friday, 10 August 2018 2:56 PM
To: Claire Miles <Claire.Miles@epa.nsw.gov.au>
Cc: Gordon Downey <Gordon.Downey@epa.nsw.gov.au>
Subject: RE: REQUEST FOR RVEIEW: Sydney Metro City & Southwest // Northern Corridor Works - Construction Noise and Vibration Management Plan

Dear Claire,

In reference to the request below for review of the Construction Noise & Vibration Management Plan for the Sydney Metro City & Southwest Northern Corridor Works – Portion 7b and its monitoring program.

Would you be able to please provide your comments today.

Thanks and regards,
Chris

Chris Standing
Environment and Sustainability Manager

Laing O'Rourke Australia
Level 8, 100 Christie Street
St Leonards NSW 2065
www.laingorourke.com.au

mobile: +61 431 338 578

From: Standing, Christopher
Sent: Thursday, 2 August 2018 6:29 AM
To: 'Claire Miles' <Claire.Miles@epa.nsw.gov.au>
Cc: Gordon Downey <Gordon.Downey@epa.nsw.gov.au>
Subject: RE: REQUEST FOR RVEIEW: Sydney Metro City & Southwest // Northern Corridor Works - Construction Noise and Vibration Management Plan

Morning Claire,

Thank you for the email.
Regards,
Chris

Chris Standing
Environment and Sustainability Manager

Laing O'Rourke Australia
Level 8, 100 Christie Street
St Leonards NSW 2065
www.laingorourke.com.au

mobile: +61 431 338 578

From: Claire Miles <Claire.Miles@epa.nsw.gov.au>
Sent: Wednesday, 1 August 2018 4:36 PM
To: Standing, Christopher <cstanding@laingorourke.com.au>
Cc: Gordon Downey <Gordon.Downey@epa.nsw.gov.au>
Subject: RE: REQUEST FOR RVEIEW: Sydney Metro City & Southwest // Northern Corridor Works - Construction Noise and Vibration Management Plan

Hello Christopher.

The EPA has received the documents and will respond shortly.

Regards,

Claire Miles
Unit Head - Metropolitan Infrastructure
Metro, NSW Environment Protection Authority
Ph: 02 9995 5167 Mob: 0436 682 226

claire.miles@epa.nsw.gov.au www.epa.nsw.gov.au @EPA_NSW
Report pollution and environmental incidents 131 555 (NSW only) or +61 2 9995 5555

From: Standing, Christopher [mailto:cstanding@laingorourke.com.au]
Sent: Wednesday, 1 August 2018 4:33 PM
To: Claire Miles <Claire.Miles@epa.nsw.gov.au>
Subject: RE: REQUEST FOR RVEIEW: Sydney Metro City & Southwest // Northern Corridor Works - Construction Noise and Vibration Management Plan

Dear Claire,

In addition to the Construction Noise & Vibration Management Plan for the NCW – Portion 7b package component of the project, please also find attached the Noise and Vibration Monitoring program.

If you could also please provide your comments on the program as required by C11 of project approval SSI 15_7400

Thank you for your help and understanding and please do not hesitate in contacting me if required to discuss.

Regards,
Chris

Chris Standing
Environment and Sustainability Manager

Laing O'Rourke Australia
Level 8, 100 Christie Street
St Leonards NSW 2065
www.laingorourke.com.au

mobile: +61 431 338 578

From: Standing, Christopher
Sent: Tuesday, 31 July 2018 7:13 AM
To: 'Claire Miles' <Claire.Miles@epa.nsw.gov.au>
Subject: REQUEST FOR RVEIEW: Sydney Metro City & Southwest // Northern Corridor Works - Construction Noise and Vibration Management Plan
Importance: High

Dear Claire,

Laing O'Rourke has been engaged by Sydney Metro Delivery Office for the Northern Corridor Works (NCW) as part of the approved Sydney Metro City and Southwest project.

Please see attached Laing O'Rourke's Construction Noise & Vibration Management Plan for the NCW – Portion 7b package component of the project which has been developed for the City and Southwest project as per the planning approval requirement condition C9 of project approval SSI 15_7400. This condition also requires the project to develop Construction Monitoring Programs in consultation with the EPA.

A copy of the planning approval conditions for the project can be found here.

As such, Laing O'Rourke would like to formally submit the attached documents for comment. The earliest EPA response would be very much appreciated however the project team need comments back by no later than Friday August 10th 2018.

Thank you for your help and understanding and please do not hesitate in contacting me if required to discuss.

Yours sincerely,
Chris

Chris Standing
Environment and Sustainability Manager

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www.laingorourke.com.au

mobile: +61 431 338 578

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PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING THIS EMAIL

From: Hayward, Mark <mark.hayward@willoughby.nsw.gov.au>
Sent: Friday, 10 August 2018 4:24 PM
To: Standing, Christopher
Subject: RE: REQUEST FOR RVEIEW: Sydney Metro City & Southwest // Northern Corridor Works - Construction Noise and Vibration Management Plan

Dear Christopher,

I refer to your request to Council for comments for the Sydney Metro City and Southwest – North Corridor Works documents "Construction Noise and Vibration Management Plan (CNVMP)" and Construction Noise and Vibration Monitoring Program"

I have reviewed documentation. Please be advised that Council does not have appropriately accredited personnel in this field to fully review all aspects of the documentation however I have, as the most appropriate officer within Council regarding noise issues, reviewed the attached documentation which is noted. The documentation provided appears comprehensively prepared buy a qualified acoustic engineer and I am satisfied the Management Plan and Monitoring Program comply with the relevant standards.

If you have any further queries please contact me.

Mark Hayward - *Compliance Team Leader*
WILLOUGHBY CITY COUNCIL
PO Box 57 Chatswood NSW 2057
P +61 2 9777 7991
E mark.hayward@willoughby.nsw.gov.au
willoughby.nsw.gov.au | visitchatswood.com.au | theconcourse.com.au

From: Standing, Christopher [mailto:cstanding@laingorourke.com.au]
Sent: Friday, 10 August 2018 2:56 PM
To: Hayward, Mark
Subject: RE: REQUEST FOR RVEIEW: Sydney Metro City & Southwest // Northern Corridor Works - Construction Noise and Vibration Management Plan

Dear Mark,

In reference to the request below for review of the Construction Noise & Vibration Management Plan for the Sydney Metro City & Southwest Northern Corridor Works – Portion 7b and its monitoring program.

Would you be able to please provide your comments today.

Thanks and regards,
Chris

Chris Standing
Environment and Sustainability Manager

Laing O'Rourke Australia

Level 8, 100 Christie Street
St Leonards NSW 2065
www.laingorourke.com.au

mobile: +61 431 338 578

From: Standing, Christopher
Sent: Wednesday, 1 August 2018 4:33 PM
To: 'mark.hayward@willoughby.nsw.gov.au' <mark.hayward@willoughby.nsw.gov.au>
Subject: RE: REQUEST FOR RVEIEW: Sydney Metro City & Southwest // Northern Corridor Works - Construction Noise and Vibration Management Plan

Dear Mark,

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If you could also please provide your comments on the program as required by C11 of project approval SSI 15_7400

Thank you for your help and understanding and please do not hesitate in contacting me if required to discuss.

Regards,
Chris

Chris Standing
Environment and Sustainability Manager

Laing O'Rourke Australia
Level 8, 100 Christie Street
St Leonards NSW 2065
www.laingorourke.com.au

mobile: +61 431 338 578

From: Standing, Christopher
Sent: Tuesday, 31 July 2018 7:18 AM
To: 'mark.hayward@willoughby.nsw.gov.au' <mark.hayward@willoughby.nsw.gov.au>
Subject: REQUEST FOR RVEIEW: Sydney Metro City & Southwest // Northern Corridor Works - Construction Noise and Vibration Management Plan
Importance: High

Dear Mark,

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As such, Laing O'Rourke would like to formally submit the attached documents for comment. The earliest council response would be very much appreciated however the project team need comments back by no later than Friday August 10th 2018.

Thank you for your help and understanding and please do not hesitate in contacting me if required to discuss.

Yours sincerely,
Chris

Chris Standing
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