Appendix J1 Construction Noise

Appendices

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The Ontario Regional Sports Complex EIR

Construction Noise and Vibration

Technical Report

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1. Summary

This technical appendix includes the noise and vibration analyses for planned construction activities for The Ontario Regional Sports Complex project (ORSC or "proposed project"). The noise and vibration analyses were prepared in support of the Environmental Impact Report, pursuant to the requirements of the California Environmental Quality Act (CEQA). The technical appendix is divided into sections that address anticipated construction noise and vibration associated with development of the site, roadway improvements and modifications for site access, and construction-related vehicular trips (i.e., related to worker vehicles, delivery, and haul trucks). Details include planned construction activities, equipment types and quantities, and projected vehicular trips. Supportive calculations and files are included within **Attachment A** and **Attachment B**.

To predict construction noise levels, a detailed geometric model of the noise study area was initially developed using Geographic Information System (GIS) software and the proposed ORSC site plan. SoundPLAN GmbH was subsequently used for computing the equivalent sound level (L_{eq}) from planned construction activities at neighboring residences and other noise-sensitive uses[1] throughout the surrounding adjacent community. For construction-related vibration, a spreadsheet model was developed to estimate vibration levels at adjacent sensitive receptors and structures.

The loudest periods of on-site construction are predicted to occur at sensitive receptors in the beginning of the project, from September 2024 through January 2025 as well as May 2025. These loud periods are due to manure hauling, rough and fine grading, and utilities trenching on the project site and along the roadways surrounding the project site. Construction noise levels are not predicted to exceed the allowable daytime noise threshold of 80 dBA $L_{eq,8h}$. However, should construction activity be required during the overnight hours, predicted construction noise levels would exceed the allowable 5 dBA increase in ambient conditions. Construction-related truck trips are not anticipated to cause significant noise impact during the construction of the project. No construction-related vibration impacts are predicted.

[1] Noise-sensitive uses are places that might contain noise-sensitive equipment; individuals who are particularly susceptible to noise stimuli, such as children or the elderly; or accommodations for people to sleep. Such uses include residences, hospitals, hotels, and schools.

2. Environmental Setting

2.1 Noise

2.1.1 Noise Descriptors

Noise levels are presented on a logarithmic scale to account for the large pressure response range of the human ear. This logarithmic scale is expressed in units of decibels (dB). A decibel is defined as the ratio between a measured value and a reference value usually corresponding to the lower threshold of human hearing. The lower threshold of human hearing is defined as 20 micropascals. Typically, a noise analysis examines 11 octave (or 33 1/3 octave) bands ranging from 16 hertz (low) to 16,000 hertz (high). This octave band encompasses the human audible frequency range. The human ear does not perceive every frequency with equal loudness; therefore, spectrally varying sounds are often adjusted with a weighting filter. The A weighted filter is applied to compensate for the frequency response of the human auditory system, known as a dBA. The A-weighted sound level is commonly used when measuring environmental noise and is widely accepted by acousticians as a proper unit for describing environmental noise.

An inherent property of the logarithmic dB scale is that the sound pressure levels of two separate sources are not directly additive. For example, if a sound of 50 dBA is added to another sound of 50 dBA in the proximity, the result is a 3 dB increase, which is a total of 53 dBA and not an arithmetic doubling to 100 dBA. The human ear perceives changes in sound pressure level relative to changes in “loudness.” Scientific research demonstrates the following general relationships between sound level and human perception for two sound levels with the same or very similar frequency characteristics:

- One dBA is the practical limit of accuracy for sound measurement systems and corresponds to an approximate 10 percent variation in the sound pressure level. A 1-dBA increase or decrease is a non-perceptible change in sound.
- A 3-dBA increase or decrease is a doubling (or halving) of acoustic pressure level, and it corresponds to the threshold of change in loudness perceptible in a laboratory environment. In practice, the average person is not able to distinguish a 3-dBA difference in environmental sound outdoors.
- A 5-dBA increase or decrease is described as a perceptible change in sound level and is a discernible change in an outdoor environment.
- A 10-dBA increase or decrease is a tenfold increase or decrease in acoustic pressure level but is perceived as a doubling or halving in loudness (e.g., the average person would judge a 10-dBA change in sound level to be twice or half as loud).

Figure 1 depicts the estimations of common noise sources and outdoor acoustic environments and provides a comparison of relative loudness for each of these sources. Noise levels can be measured, modeled, and presented in various formats. The noise metrics that were employed in this analysis have the following definitions:

- L_{eq}: Most environmental noise fluctuates from moment to moment, and it is common practice to characterize the fluctuating level by a single number, L_{eq}. Conventionally expressed in dBA, the L_{eq} is the energy-averaged, A-weighted sound level. It is defined as the steady, continuous sound level over a specified time, which has the same acoustic energy as the actual varying sound levels over the specified period. The daytime L_{eq} is the energy-averaged sound level for

the daytime period (7 AM to 10 PM), and the nighttime L_{eq} is the energy averaged sound level for the nighttime period (10 PM to 7 AM).

- L_{dn}: The L_{dn} is the average, hourly A-weighted L_{eq} for a 24-hour period, with a 10-dB penalty added to sound levels occurring during the nighttime hours (10 PM to 7 AM) to account for individuals' increased sensitivity to noise levels during nighttime hours.
- Community noise equivalent level (CNEL): The energy-average of the A-weighted sound levels occurring during a 24-hour period, with 5 dB added to the sound levels occurring during evening hours (7:00 p.m. to 10:00 p.m.) and 10 dB added to noise levels occurring during nighttime hours (10:00 p.m. to 7:00 a.m.).
- L_{90}: The L_{90} is often used to describe the quieter background sound levels that occurred, since it represents the level exceeded 90 percent of the period.

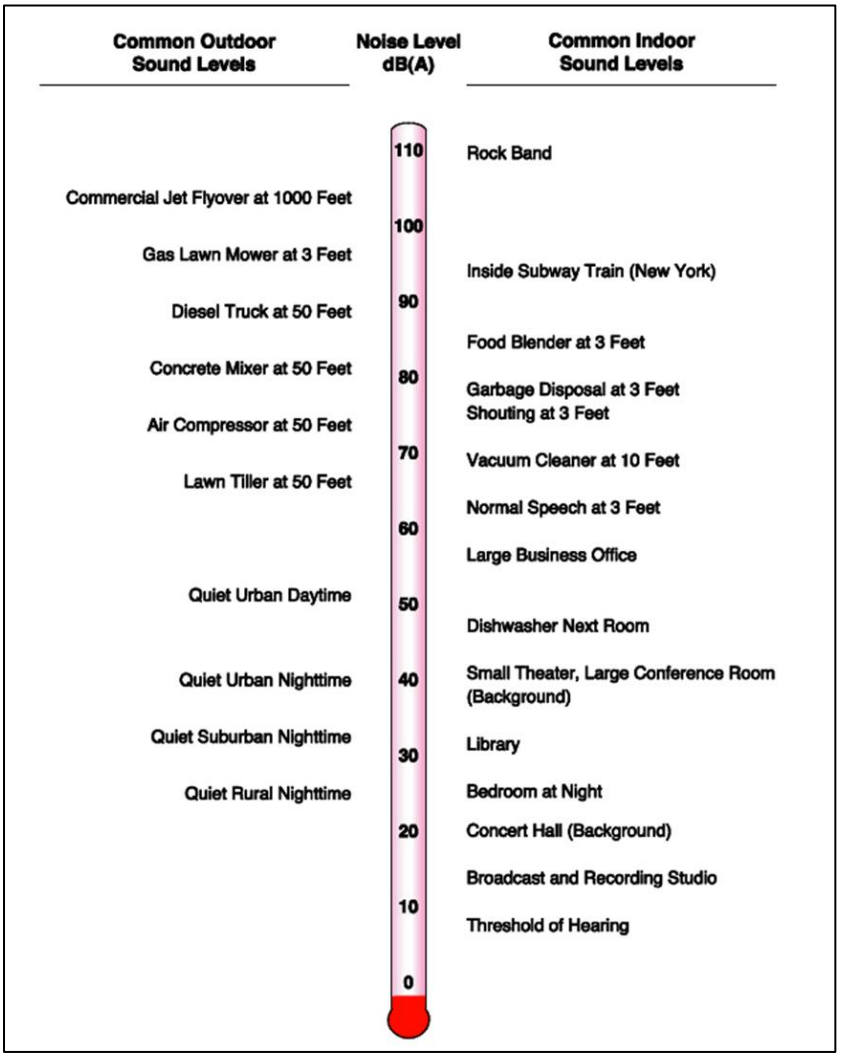


Figure 1. Sound Levels

Source: HMMH 2023

2.1.2 Noise Attenuation

Construction noise typically dissipates at a rate of approximately 6.0 dB for each doubling of distance (between the noise source and the receptor). As an example, construction equipment with mufflers (independent of background ambient noise levels) during excavation and grading may generate a noise level of approximately 86 dBA L_{eq} at 50 feet from the noise source. Based on a sound dissipation rate of 6 dB per doubling of distance, a sound level of 86 dBA at 50 feet from the noise source would be approximately 80 dBA at a distance of 100 feet, 74 dBA at a distance of 200 feet, and so on. That sound drop-off rate does not take into account any intervening shielding (including landscaping or trees) or barriers, such as structures or hills between the noise source and noise receptor. A barrier that breaks the line-of-sight between a source and a receiver will typically result in at least 5 dB of noise reduction. A higher barrier may provide as much as 20 dB of noise reduction.

2.1.3 Effects of Noise on Humans

The effects of noise on humans can be grouped into three general categories:[2]

- Subjective effects of annoyance, nuisance, dissatisfaction;
- Physiological effects such as starting hearing loss; and,
- Interference with activities such as speech, sleep, and learning.

With respect to annoyance, human response to sound is highly individualized. Many factors influence the response to noise including the character of the noise, the variability of the sound level, the presence of tones or impulses, and the time of day of the occurrence. Additionally, non-acoustical factors, such as individual opinion of the noise source, the ability to adapt to the noise, the attitude towards the source and those associated with it, and the predictability of the noise, all influence the response to noise. These factors result in the reaction to noise being highly subjective, with the perceived effect of a particular noise varying widely among individuals in a community.

Noise-induced hearing loss usually takes years to develop. Hearing loss is one of the most obvious and easily quantifiable effects of excessive exposure to noise. While the loss may be temporary at first, it can become permanent after continued exposure. When combined with hearing loss associated with aging, the amount of hearing loss directly due to the environment is difficult to quantify. Although the major cause of noise-induced hearing loss is occupational, non-occupational sources may also be a factor.

Noise can mask important sounds and disrupt communication between individuals in a variety of settings. This process can cause anything from a slight irritation to a serious safety hazard, depending on the circumstance. Noise can disrupt face-to-face communication and telephone communication, and the enjoyment of music and television in the home. Interference with communication has proved to be one of the most important components of noise-related annoyance.

Relative to noise being a source of annoyance, including sleep disturbance, and having health impacts, there are various uncertainties and debate within the scientific community regarding the exact relationship between noise and these types of impacts, particularly as related to assessing whether there would be a significant impact under CEQA.

2.2 Vibration

Ground-borne vibration is generated by “exciting” the ground or a structure (i.e., setting it in motion). Ground disturbance propagates away from the vibration source, dropping off rapidly with distance. The

[2] U.S. Environmental Protection Agency, Office of Noise Abatement and Control, *Annoyance, Loudness, and Measurement of Repetitive Type of Impulsive Noise Sources,* pg. 3-1, November 1979.

energy in vibration waves is lost with distance through geometric attenuation as well as by the material through which the waves travel. Specially, soil type, moisture content of the soil, temperature, and frequency of vibration sources all affect the resultant energy of the waves with distance. As noted in the most recent version of the Federal Transit Administration's (FTA's) *Noise and Vibration Impact Assessment* (FTA 2018), construction activities can be a source of ground-borne vibration. During the construction phase, activities such as driving piles and operating heavy equipment may cause ground borne vibration. Velocity or acceleration is typically used to describe vibration. The following two descriptors are frequently used when discussing quantification of vibration:

- Peak Particle Velocity (PPV): The maximum instantaneous positive or negative peak of the vibration signal. PPV is typically expressed in inches per second (ips or in/sec).

- Root Mean Square (RMS): The square root of the average of the squared amplitude of the vibration signal, which is typically calculated over a 1 second period.

2.2.1 Psychological and Physiological Effects of Vibration

As discussed within FTA's *Noise and Vibration Impact Assessment* (FTA 2018), there is little research on human response to vibration and annoyance with building vibration in particular. The degree of human annoyance does not necessarily correlate with magnitude of vibration, and visual effects of ground-borne vibration (e.g., movement of objects) often cause complaints, despite vibration levels below the threshold of human perception. Time of day also plays a significant role in human response to ground-borne vibration. **Table 1** summarizes both human reaction to typical vibration levels and the effects on buildings.

Table 1. Human Reaction to Typical Vibration Levels

Vibration Level, PPV (in/sec)	Human Reaction	Effects on Buildings
0.08	Vibrations readily perceptible	Recommended upper amplitude of the vibration to which ruins and ancient monuments should be subjected
0.10	Amplitude at which continuous vibrations begin to annoy people	Virtually no risk of "architectural" damage to normal dwelling – houses with plastered walls and ceilings Special types of finish such as lining of walls, flexible ceiling treatment, etc., would minimize "architectural" damage
0.20	Vibrations annoying to people in buildings (this agrees with the amplitudes established for people standing on bridges and subjected to relative short periods of vibrations)	Threshold at which there is a risk of "architectural" damage to normal dwelling – houses with plastered walls and ceilings. Special types of finish such as lining of walls, flexible ceiling treatment, etc., would minimize "architectural" damage
0.4-0.6	Vibrations considered unpleasant by people subjected to continuous vibrations and unacceptable to some people walking on bridges.	Vibrations at a greater amplitude than normally expected from traffic but would cause "architectural" damage and possibly minor structural damage.

Source: Caltrans, 2020.

3. Methodology

Construction activities typically generate noise and vibration from the operation of equipment required for demolition and construction of various facilities. Noise and vibration levels from on-site construction have been evaluated by considering the different types of construction activity, calculating the construction-related noise and vibration levels at nearby noise-sensitive receptor locations, and comparing them to applicable impact criteria. Specifically, the following steps were undertaken to calculate construction-related noise and vibration:

1. Existing noise measurements were conducted at two locations around the proposed ORSC site. Results of the noise measurements were used as representative ambient noise levels for noise-sensitive locations surrounding the project site. Existing conditions and details of the noise monitoring program are discussed within *The Ontario Regional Sports Complex EIR Traffic Noise Technical Report*.
2. Equipment lists were developed for the purpose of the project for each construction phase, including equipment type, quantity, and estimated hours of operating time per 24-hour period. Usage factors for equipment types were included in the calculations and are based on estimated hours of operation in a 24-hour period. These factors can vary depending on the work phase and nature of work planned. The list of proposed construction equipment was provided by the project team.
3. A noise prediction model was developed in SoundPLAN, using the Federal Highway Administration's (FHWA) Roadway Construction Noise Model (RCNM 2.0) source levels. **Table 2** lists the proposed construction equipment for each construction phase that was modeled for use during construction of the ORSC and the corresponding average A-weighted (dBA) maximum sound level (Lmax) at 50 feet. Features that influence noise propagation, including intervening buildings, topography, and areas of acoustically hard (water, pavement) and acoustically soft (grass) surfaces were also included in the model.
4. Noise levels for construction of the ORSC were calculated in the SoundPLAN model. The L_{eq} noise level was calculated at each noise-sensitive receptor for each proposed phase of work. As described in Section 2.1.1, the L_{eq} is an average A-weighted L_{eq} sound level over a specified period of time. To evaluate construction noise over a typical day, the 8-hour L_{eq} noise level was calculated. Since construction phases and activities are proposed to overlap throughout the lifetime of the project, resultant construction noise levels were summed together to determine the cumulative noise levels at all receptors.
5. The cumulative L_{eq} noise levels at each receptor were then compared to applicable construction noise standards to define levels of impact.
6. Construction-related vibration levels were predicted for the top three pieces of equipment that produce the most vibration when operating. The predicted levels use methods and source levels from the FTA Noise and Vibration Manual. Typical vibration levels for common construction equipment are summarized in **Table 3**. Resultant vibration levels were then compared to FTA's annoyance and structural damage criteria to determine impact.

Table 2. Source Noise Emission Levels for Construction Equipment

Proposed Equipment	Average L_{max} at 50 feet (dBA)
Backhoe	84
Compactor (Roller)	82
Concrete Pump Truck	88
Crane	76
Dozer	86
Dump Truck (Cyclical)	92
Excavator	87
Front End Loader (Cyclical)	81
Front End Loader (Passby)	71
Grader (passby)	79
Pavement Scarifier (Milling Machine)	84
Paving – Asphalt (Paver + Dump Truck)	82
Pickup Truck	75
Scraper	92
Telescopic Handler (Forklift)	88
Water Spray Truck	72

Source: FHWA Roadway Construction Noise Model, Version 2.0 Source Level Database.

Table 3. Source Vibration Levels for Construction Equipment

Equipment		PPV at 25 feet, in/sec	Approximate Lv* at 25 feet
Pile Driver (impact)	Upper Range	1.518	112
	Typical	0.644	104
Pile Driver (sonic)	Upper Range	0.734	105
	Typical	0.170	93
Clam shovel drop (slurry wall)		0.202	34
Hydromill (slurry wall)	In Soil	0.008	66
	In Rock	0.017	75
Vibratory Roller		0.210	94
Hoe Ram		0.089	87
Large Bulldozer		0.089	87
Caisson Drilling		0.089	87
Loaded Trucks		0.076	86
Jackhammer		0.035	79
Small Bulldozer		0.003	58

Notes:
* RMS velocity in decibels, VdB re 1 micro-in/sec
Source: Federal Transit Administration Transit Noise and Vibration Impact Assessment Manual, September 2018.

4. Regulatory Framework

Several federal, state, and local regulations, ordinances, and guidelines have been established to control noise and vibration and minimize effects on humans and are discussed below. The Noise Control Act of 1972 (42 United States Code Section 4901) was the first comprehensive statement of national noise policy. It declared that "it is the policy of the United States to promote an environment for all Americans free from noise that jeopardizes their health or welfare" (GSA 1972).

4.1 Federal

Federal Transit Administration

The Federal Transit Administration (FTA) *Transit Noise and Vibration Impact Assessment Manual* (FTA 2018) provides methodology and suggested impact criteria for construction-related noise and vibration. **Table 4** summarizes the suggested noise impact criteria for construction activities. Note that "Daytime" is defined as 7 AM to 10 PM and "Nighttime" is defined as 10 PM to 7 AM.

Table 4. Suggested FTA Construction Noise Assessment Guidelines

Land Use	8-Hour L_{eq} (dBA)		30-Day Average L_{dn} (dBA)
	Day	Night	
Residential	80	70	75[1]
Commercial	85	85	80[2]
Industrial	90	90	85[2]

Note:
1 – In urban areas with very high ambient noise levels (Ldn greater than 65 dB), Ldn from construction operations should not exceed existing ambient + 10 dB.
2 – 24 hour L_{eq}, not L_{dn}
3 – dBA=velocity in decibels; L_{eq}=equivalent noise level; L_{dn}=day-night average sound level
Source: FTA 2018

The FTA also provides recommended criteria for construction vibration-induced structural damage and annoyance. Structural damage is based on the PPV of the vibrations, and the criteria for assessing damage are based on building material. Vibration annoyance is evaluated based on vibration velocity levels (Lv) measured in units of VdB. Criteria for assessing annoyance due to construction-related vibrations are based on three land use categories and the number of events of the same source per day. FTA's structural damage and annoyance criteria are presented in **Table 5**, and **Table 6**, respectively. These thresholds were used to determine vibration impacts for the construction of the ORSC.

Table 5. FTA Structural Damage Criteria

Building Category	PPV (ips)	Approximate Lv (VdB)[1]
I. Reinforced-concrete, steel or timber (no plaster)	0.5	102
II. Engineered concrete and masonry (no plaster)	0.3	98
III. Non-engineered timber and masonry buildings	0.2	94
IV. Buildings extremely susceptible to vibration damage	0.12	90

Note:

9- RMS velocity in decibels (VdB) re: 1 micro-inch/second

Source: FTA 2018

Table 6. FTA Ground-borne Vibration and Noise Impact Criteria

Land Use Category	Ground-borne Vibration Impact Levels (VdB) re 1 micro inch/second)			Ground-borne Noise Impact Levels (dB re 20 micropascals)		
	Frequent Events[1]	Occasional Events[2]	Infrequent Events[3]	Frequent Events[1]	Occasional Events[2]	Infrequent Events[3]
Category 1: Buildings where vibration would interfere with interior operations	65 VdB	65 VdB	65 VdB	—[4]	—[4]	—[4]
Category 2: Residences and buildings where people normally sleep	72 VdB	75 VdB	80 VdB	35 dBA	38 dBA	43 dBA
Category 3: Institutional land uses with primarily daytime use	75 VdB	78 VdB	83 VdB	40 dBA	43 dBA	48 dBA

Notes:

This criterion limit is based on levels that are acceptable for most moderately sensitive equipment, such as optical microscopes. Vibration sensitive manufacturing or research would require detailed evaluation to define the acceptable vibration levels. Ensuring lower vibration levels in a building often requires special design of the heating, ventilation, and air conditioning systems and stiffened floors. Vibration sensitive equipment is not sensitive to ground borne noise.

1 – Frequent events are defined as more than 70 vibration events per day.

2 – Occasional events are defined as between 30 and 70 vibration events of the same source per day.

3 – Infrequent events are defined as fewer than 30 vibration events per day.

Source: FTA 2018.

4.2 State

California Department of Transportation

Caltrans generally addresses construction noise impacts within its policy and provided for informational purposes. Section 14-8.02, Noise Control, of Caltrans standard specifications provides information that can be considered in determining whether construction would result in adverse noise impacts. The specification states:

- Do not exceed 86 dBA at 50 feet from the job site activities from 9 p.m. to 6 a.m.
- Equip an internal combustion engine with the manufacturer-recommended muffler. Do not operate an internal combustion engine on the job site without the appropriate muffler.

If adverse construction noise impacts are anticipated, project plans and specifications must identify abatement measures that would minimize or eliminate adverse construction noise impacts on the community. When construction noise abatement is identified, Caltrans will consider the benefits achieved and the overall adverse social, economic, and environmental effects and costs of the construction noise abatement measures.

California Environmental Quality Act (CEQA)

According to Appendix G of the CEQA Guidelines, a proposed action would have a significant impact on noise and vibration if:

- The project result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?
- The project result in generation of excessive groundborne vibration or groundborne noise levels?
- For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

4.3 Local

The City of Ontario

Noise related to construction is subject to the provisions in Section 5-29.09 within Chapter 29 of the City of Ontario Municipal Code. Pursuant to Section 5-29.09, construction activities are allowed on weekdays between the hours of 7:00 a.m. and 6:00 p.m. or on Saturday and Sunday between 9:00 a.m. and 6:00 p.m. Outside of these hours, the City's noise code is nuisance based, prohibiting "loud noise" that "disturbs" an individual working or residing nearby. Construction activities that comply with the exterior and interior noise standards established within Section 5-29.04 and Section 5-29.05, respectively, are exempt from the provisions of Section 5-29.09.

The City of Los Angeles

Since there are no measurable construction noise level limits set by the City of Ontario, thresholds from adjacent municipalities were reviewed. The City of Los Angeles has recently proposed an update to its guidance. in accordance with CEQA, for assessing impacts from construction noise and vibration. It should be noted that the City of Los Angeles recognizes the difficult condition for regulating construction noise and vibration and therefore is considering these new thresholds. The updated thresholds are as follows:

- **Daytime Construction** – For construction activities that occur between 7 AM and 7 PM Monday through Friday, and between 8 AM and 6 PM on Saturdays, would be limited to a maximum noise level of 80 dBA $L_{eq,8\text{-}hour}$ at sensitive uses (at the property line with outdoor uses or at the exterior of the building), including outdoor public recreational areas. This threshold is based on the recommended criteria within the FTA Manual.
- **Nighttime Construction** – For construction activities that occur between 7 PM and 7 AM. Monday through Friday, and between 6 PM. And 8 AM. On Saturdays, and anytime on Sundays or national holidays, noise levels at sensitive uses would not exceed 5 dBA above the ambient noise level at the receptor. Mat pour activities (and other types of concrete pour, which require an extended continuous pour beyond the allowable construction hours) that are required to occur during nighttime hours for less than five days are exempt from this provision.

4.4 Thresholds of Significance

As previously mentioned, no measurable construction noise and vibration limits are established by the City of Ontario. Therefore, the most reasonable thresholds to determine construction noise and vibration impacts are the suggested thresholds provided within the FTA *Transit Noise and Vibration Assessment* Manual and the City of Los Angeles CEQA guidance.

5. Construction Noise and Vibration Analysis

5.1 Overview of Proposed Construction

Construction of the ORSC will be completed in five phases, each comprised of various construction activities:

- Phase 1A – Mass Grading, Utilities, Vineyard Avenue Construction, and East Riverside Drive Expansion
- Phase 1B – Stadium, Retail and Hospitality, and Parking Construction
- Phase 2 – Commercial/Retail and City Park Outdoor Athletic Fields Construction
- Phase 3 – City Park Indoor Athletic Facility Construction
- Phase 4 – Community Recreation Center Construction

Construction of the ORSC is anticipated to begin in September 2024 and be completed in September 2027, for a total duration of approximately three years. Construction would occur in the hours allowed under Section 5-29.09 of the Ontario Municipal Code, Monday through Saturday, six days per week. Construction would occur on Saturdays but would be prohibited on Sundays and holidays. Construction activities are assumed to occur in eight-hour shifts with a one-hour break (e.g., 7:00 am to 4:00 pm or 8:00 am to 5:00 pm weekdays; 9:00 am to 6:00 pm on Saturdays). Nighttime construction for the stadium and parking structures may be necessary for concrete pours and infrastructure improvements.

Throughout the lifetime of the project, construction phases will overlap and result in construction occurring in more than one area. The construction noise analysis utilizes the proposed schedule to determine periods of overlap. Calculated construction noise levels for overlapping activities are summed together to determine an estimated cumulative monthly construction noise level. Construction activities that are typically the sources of the most construction noise include grading and scraping, with associated equipment generating noise levels as high as 92 dBA Lmax within 50 feet of their operation.

5.2 Overview of Analysis Locations

As shown in **Figure 2** and described in **Table 7** , noise-sensitive uses are located around the project site. All noise-sensitive receptors within approximately 1,000 feet of the project site were analyzed. **Figure 2** shows locations of the receivers around the proposed ORSC site that were evaluated in the analysis.

Table 7. Summary of Analysis Locations

Receptor Group	Location Relative to Project Site	Land Use Description	Representative Noise Monitoring Site[1]	Measured Ambient Noise Level for Nighttime Period (7 PM – 7AM)[1]
1	Northwest of Project Site	Residential use on the north and south side of East Riverside Drive, between Willow Drive and South Vineyard Avenue	LT-02	47
2	North of Project Site	Residential and institutional use (Sunrise Childcare Center) on the north side of East Riverside Drive, between Vineyard Avenue and South Whispering Lakes Lane	LT-02	47

Receptor Group	Location Relative to Project Site	Land Use Description	Representative Noise Monitoring Site[1]	Measured Ambient Noise Level for Nighttime Period (7 PM – 7AM)[1]
3	North of Project Site	Recreational use associated with the Whispering Lake Golf Course on the north side of East Riverside Drive, between South Whispering Lakes Lane and Cucamonga Channel	LT-01	48
4	Northeast of Project Site	Residential and recreational use (Westwind Community Center) on the north side of East Riverside Drive, between Cucamonga Channel and South Colonial Avenue	LT-01	48
5	East of Project Site	Residential and recreational use (Cucamonga Channel Walking Trail) bounded by the Cucamonga Channell to the west, East Riverside Drive to the north, South Colonial Avenue to the east, and Chino Avenue to the south	LT-01	48
6	South of Project Site	Residential use on the south side of Chino Avenue, between Vineyard Avenue and Ontario Avenue	LT-02	47

Note:
1- Ambient noise level is represented by the measured L90 noise level for the nighttime period (7 PM – 7AM). Refer to The Ontario Regional Sports Complex EIR Traffic Noise Technical Report for details on noise monitoring program.
Source: HMMH, 2023

5.3 Results of Construction Noise Analysis

5.3.1 On-Site Construction – Daytime

Construction noise levels were calculated for all noise-sensitive land use located within approximately 1,000 feet of the project site. Usage factors representing the percentage of time that equipment is used during a typical 8-hour day are used to calculate the construction-related L_{eq}. The usage factors are based on planned total hours of operation per day and are expressed as a percentage of time that construction activities would be active (i.e., incremental period when maximum equipment noise level would be generated). The resulting $L_{eq,8\text{-hour}}$ can be thought of as average levels for a typical day of construction activity. Construction noise levels will vary and be dependent on many factors, such as distance to work, type of work occurring, and means and methods used to complete the work. Therefore, the maximum noise level would only be expected for a shorter period.

Table 8 summarizes the results of the on-site construction noise analysis. Generally, the loudest periods of construction are predicted to occur at sensitive receptors in the beginning of the project, from September 2024 through January 2025 as well as May 2025. These loud periods are due to manure hauling, rough and fine grading, and utilities trenching on the project site and along the roadways surrounding the project site. As seen below, construction noise levels are not predicted to exceed the daytime $L_{eq,8\text{-hour}}$ noise level limit of 80 dBA. This exceedance is predicted to occur during rough grading along Riverside Drive at one residential receptor (R-244) in September 2024. Construction noise levels

would be loudest when work is occurring closest to receptors and can be expected to decrease as work moves away from a given receptor or is completed. It should be noted that this analysis conservatively assumes construction activity at all sites during a given phase or activity would occur simultaneously. This is not expected to occur, as different pieces of construction equipment would be in use during different times during construction. As a result, actual noise exposure at these receptor locations would likely be lower than identified in **Table 8**. **Figure 2** shows color-coded receptor points that represent the maximum predicted daytime construction noise level from on-site construction activities occurring over the lifetime of the project. **Attachment A** includes a table that summarizes predicted construction noise levels at all analyzed receptors for all proposed work phases and activities.

Table 8. Predicted Daytime Cumulative Construction Noise Levels, $L_{eq,8\text{-}hour}$ (dBA)

Month/Year	Range of Predicted Daytime Construction Noise Levels by Receptor Group, $L_{eq,8\text{-}hour}$ (dBA)[1]					
	1	2	3	4	5	6
9/2024	51-68	49-80	62-73	59-63	44-71	50-59
10/2024	51-66	47-71	62-71	61-63	47-72	53-60
11/2024	50-64	48-73	62-69	60-63	45-70	53-59
12/2024	52-66	49-75	61-68	59-62	49-72	59-66
1/2025	51-65	49-78	62-71	59-63	48-68	54-58
2/2025	50-65	48-78	61-70	58-61	45-66	52-59
3/2025	45-59	44-65	59-66	56-59	44-65	50-54
4/2025	48-62	45-65	58-66	57-60	47-66	61-68
5/2025	47-62	44-64	56-64	55-58	46-67	62-70
6/2025	48-62	44-64	56-64	54-57	44-63	53-61
7/2025	47-59	43-64	55-63	53-57	44-62	52-60
8/2025	47-60	45-66	57-65	55-59	46-63	55-63
9/2025	47-60	44-65	58-65	56-59	46-65	53-60
10/2025	45-56	39-60	53-61	53-55	44-64	54-61
11/2025	43-55	37-59	51-58	48-52	38-57	50-58
12/2025	43-55	38-60	53-61	50-54	40-57	50-57
1/2026	44-56	39-61	53-61	50-54	40-57	50-57
2/2026	44-56	39-61	52-60	49-53	39-56	49-56
3/2026	35-48	30-53	41-45	41-43	30-53	45-54
4/2026	28-43	25-46	41-44	41-44	26-54	41-56
5/2026	32-46	30-48	44-48	44-48	31-64	44-58
6/2026	30-43	29-46	42-46	43-47	29-65	39-53

Month/Year	Range of Predicted Daytime Construction Noise Levels by Receptor Group, $L_{eq,8\text{-hour}}$ (dBA)[1]					
	1	2	3	4	5	6
7/2026	25-37	23-42	37-41	38-42	25-60	32-47
8/2026	28-41	27-45	40-44	41-45	28-63	35-50
9/2026	28-41	27-45	40-44	41-45	28-63	35-50
10/2026	25-38	24-42	37-41	38-43	25-60	32-47
11/2026	25-38	24-42	37-41	38-43	25-60	32-47
12/2026	28-40	26-45	39-44	41-45	28-63	35-49
1/2027	27-40	26-44	39-43	40-45	27-63	34-49
2/2027	27-40	26-44	39-43	40-45	27-63	34-49
3/2027	31-44	30-48	43-47	44-48	31-66	38-53
4/2027	32-45	30-48	43-48	45-49	32-67	39-53
5/2027	30-43	28-46	42-46	43-47	30-66	38-51
6/2027	23-36	22-40	35-39	36-41	23-59	31-45
7/2027	23-36	22-40	35-39	36-41	23-59	31-45
8/2027	23-36	22-40	35-39	36-41	23-59	31-45
9/2027	23-36	22-40	35-39	36-41	23-59	31-45

Notes:
1 - Construction equipment noise levels conservatively assume all equipment would be utilized at the same time and at all hours of an 8-hour period, both of which are unlikely.
2 - **Bold red** numbers indicate noise levels that exceed the daytime threshold of 80 dBA $L_{eq,8hour}$
Source: HMMH, 2023.

5.3.2 On-Site Construction – Nighttime

As stated within Section 5.1, nighttime construction for the stadium and two parking structures may be necessary for concrete pours and infrastructure improvements. Work associated with the stadium and parking structures are scheduled to occur between December 2024 through May 2026 and January 2027 through April 2027. Additionally, per the City of Los Angeles CEQA guidance, mat pour activities are exempt from the increase over ambient threshold if they last for less than five days. It should also be noted that the Project would be required to get a permit for nighttime work or an exemption from the City prior to commencement of nighttime construction activities.

Table 9 summarizes the results of the nighttime noise analysis. Since nighttime work would occur on an "as necessary" basis, the analysis assumes that each project component would be constructed individually, and multiple components would not be worked on simultaneously during nighttime hours. Should nighttime work become necessary, predicted construction noise levels during construction of the stadium and parking structures around the site are anticipated to exceed 5 dBA over ambient conditions at receptors within Receptor Group 2, Receptor Group 3, and Receptor Group 5. Section 6.2 discusses recommendations for noise mitigation and resultant construction-noise levels once mitigation measurements are implemented. Figure 3 shows color-coded receptor points that represent the

maximum nighttime noise level from on-site construction predicted over the lifetime of the project. **Attachment A** includes a table that summarizes predicted nighttime construction noise levels at all analyzed receptors for all proposed work phases and activities.

Table 9. Predicted Nighttime Cumulative Construction Noise Levels

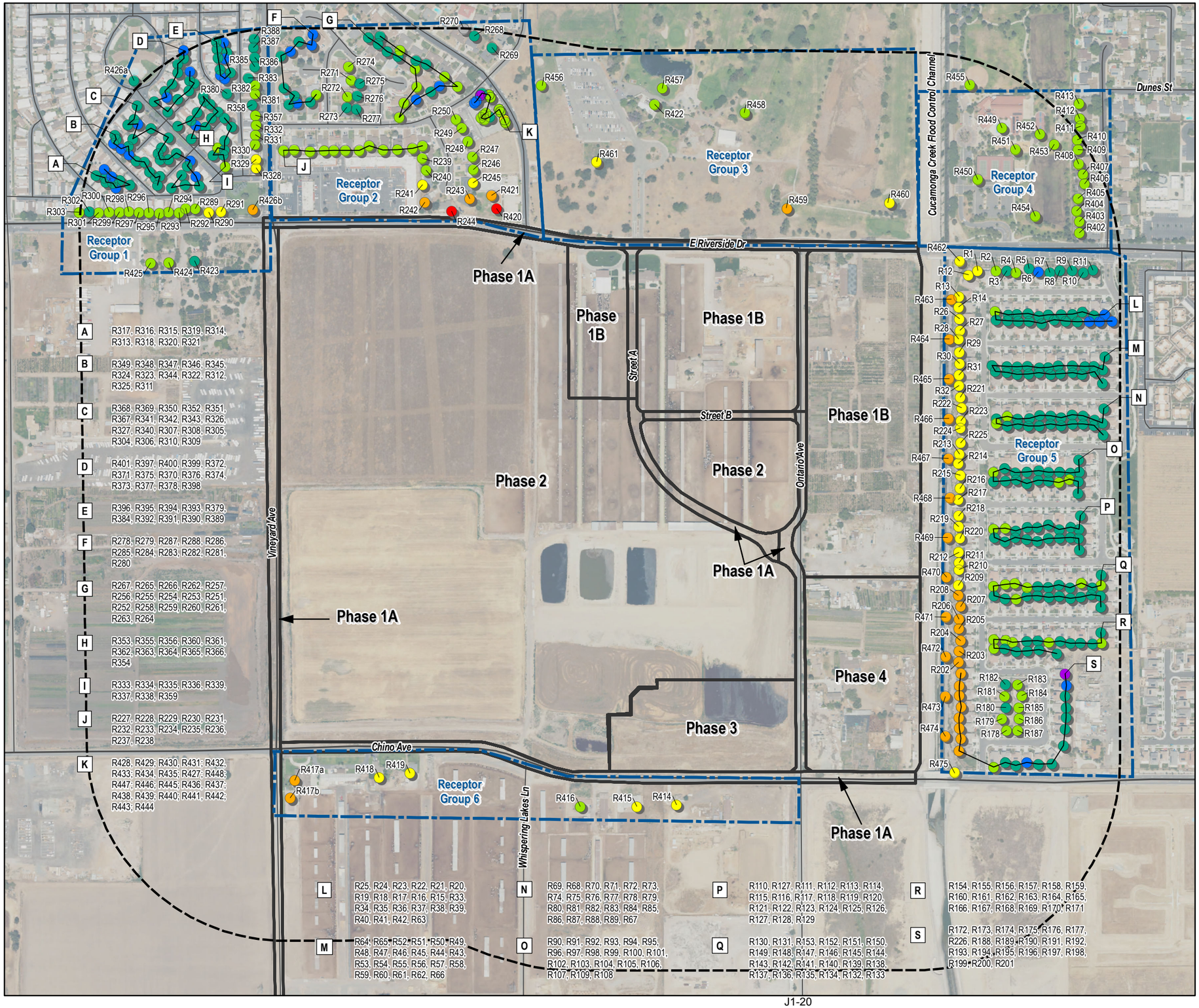
Project Component		Work Phase	Range of Predicted Nighttime (10PM – 7 AM) Construction Noise Levels by Receptor Group, L_{eq} (dBA)[1]					
			1	2	3	4	5	6
Nighttime Ambient (7PM-7AM)[2]			**47**	**47**	**48**	**48**	**48**	**47**
Impact Threshold (Cannot Exceed)			**52**	**52**	**53**	**53**	**53**	**52**
Parking Structures	Parking Structure A	Phase 1B	47–48	47–51	**50–56**	49–50	48–52	47–47
	Parking Structure B	Phase 2	47–50	47–54	48–49	48–49	48–49	47–49
Stadium	All Activities	Phase 1B	47–49	**47–53**	**49–60**	49–52	**48–54**	47–47

Notes:
1 - Construction equipment noise levels conservatively assume all equipment would be utilized at the same time and at all hours of an 8-hour period, both of which are unlikely.
2 – Long-term noise measurements were conducted in and around the site in October 2023. The ambient noise level is comprised of the measured L90. Refer to *The Ontario Regional Sports Complex EIR Traffic Noise Technical Report* for detailed information on the noise measurement program.
3 - **Bold** red numbers indicate noise levels that exceed 5 dBA over the measured ambient noise level.
Source: HMMH, 2024.

Figure 2
Maximum Predicted Daytime Construction Noise Levels On Site Construction (Leq,8-hour)

Ontario Regional Sports Complex EIR

Ontario, California



Receptor Location and Number

- 76 - 80 dBA
- 71 - 75 dBA
- 66 - 70 dBA
- 61 - 65 dBA
- 56 - 60 dBA
- 51 - 55 dBA
- 46 - 50 dBA

Top Floor Noise Prediction Result

Bottom Floor Noise Prediction Result

Note: Grouped Receptor Labels are in order of Leader Occurrence.

Project Construction Phases and Work Area

Receptor Group

Study Area

0 500 1,000 Feet

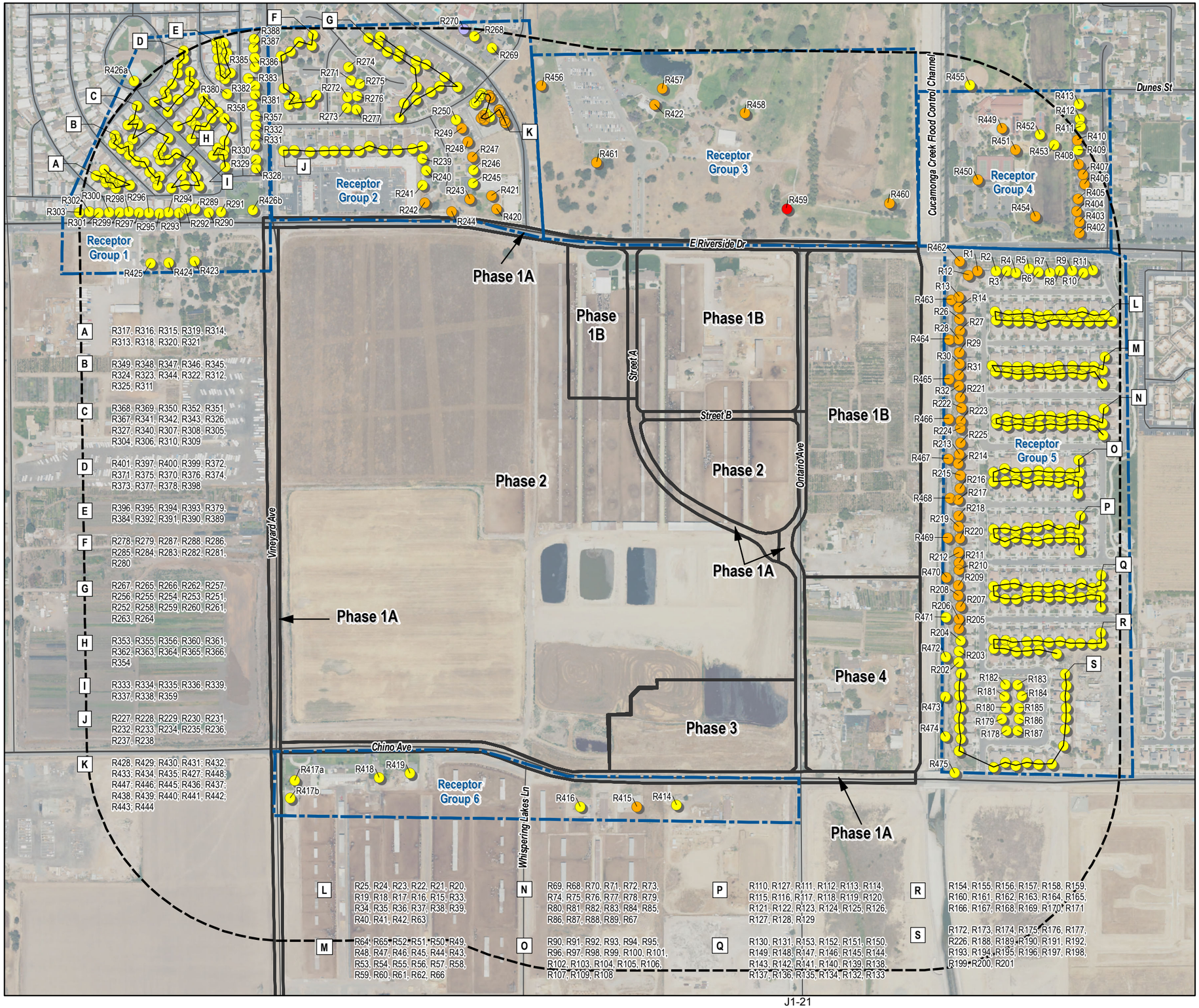


Figure 3
Maximum Predicted Nighttime Construction Noise Levels On Site Construction (7 PM-7 AM)

Ontario Regional Sports Complex EIR

Ontario, California

Receptor Location and Number

- 56 - 60 dBA
- 51 - 55 dBA
- 47 - 50 dBA

Top Floor Noise Prediction Result

Bottom Floor Noise Prediction Result

Note: Grouped Receptor Labels are in order of Leader Occurrence.

Project Construction Phases and Work Area

Receptor Group

Study Area

0 500 1,000 Feet

5.3.3 Construction-Related Traffic and Haul Routes

As part of the construction of the Project, construction-related truck traffic would be generated. Heavy trucks would be required for transportation of materials and debris during building demolition (Phases 1, 2, and 4) and manure hauling (Phases 1 and 2). **Table 10** summarizes the planned truck trips during construction of the ORSC. It is assumed that all construction-related truck traffic leaving the project site would travel northward from the site to East Riverside Drive, travel east on East Riverside Drive to the designated truck route along South Archibald Avenue to Route 60, as depicted in Figure 5.17-1 of *The Ontario Plan 2050*. Trucks would then travel back to the project site along the same route. Additionally, it is assumed that all truck trips would be completed during a typical daytime shift, as detailed in Section 5.1, and would be evenly distributed throughout the work shift.

Table 10. Summary of Construction-Related Truck Trips

Activity	Phase	Number of Round Trips per Day	Number of Round Trips per Hour[1]	Total Days
Building Demolition	1	100	13	20
	2	25	3	5
	4	40	5	8
Manure Haul	1	100	13	30
	2 (PA 4)	100	13	14
	2 (PA 5)	100	13	14

Notes:

1-Round trips per hour were rounded to nearest whole number.

Source: City of Ontario, 2023

Noise levels associated with the construction truck trips were calculated using the latest version of the SoundPLAN noise model which implements TNM Version 2.5 to compute traffic noise. To determine a worst-case scenario, traffic-noise levels for the maximum hourly construction truck trips were calculated at sensitive receptors along East Riverside Avenue. Construction-related traffic noise levels were then compared to existing traffic noise levels[3] to determine if significant impact would occur. **Table 11** summarizes the results of construction-related truck trips during construction of the Project.

As seen in **Table 11**, hourly L_{eq} traffic-noise levels during construction are predicted to be 74 dBA or less at sensitive receptors. Construction-related traffic noise is predicted to increase one decibel or less over existing conditions. Therefore, no significant impact is anticipated due to construction truck trips. **Attachment A** includes a table of predicted traffic-noise levels for all analyzed receptors.

[3] Existing traffic-noise levels at noise-sensitive receptors were predicted as part of the traffic noise analysis for the Project. Additional information is detailed within *The Ontario Regional Sports Complex EIR Traffic Noise Technical Report* (January 2024).

Table 11. Predicted Construction-Related Traffic Noise Levels

Receptor Group	Range of Traffic Noise Levels by Receptor Group, $L_{eq,1\text{-}hour}$ (dBA)[1]			
	2023 Existing (Without Construction)	Construction Trips Only	2023 Existing (With Construction)	Range of Increase in Noise Levels
1	46 – 73	33 – 64	46 – 73	0 – 1
2	41 – 73	33 – 63	41 – 73	0 – 1
3	48 – 73	30 – 64	48 – 74	0 – 1
4	48 – 69	42 – 60	49 – 70	1
5	36 – 67	8 – 57	36 – 67	0 – 1
6	46 – 57	20 – 25	46 – 57	0

Source: HMMH, 2024.

5.4 Results of Construction Vibration Analysis

Construction vibration levels were analyzed at receptors and structures adjacent to the project site. The vibration analysis conservatively assumes the most vibration-sensitive structures are FTA Building Category III structures, which are structures made of non-engineered timber and masonry buildings. For vibration annoyance, land use most sensitive to construction vibration includes places where people typically sleep, such as residences.

Vibration-inducing activities that are proposed for construction of the project include the use of vibratory rollers, bulldozers, and dump trucks. The highest vibration level when evaluating for structural damage is 0.1601 PPV. This level is predicted to occur at the commercial strip mall located at 1919 East Riverside Avenue, which is approximately 32 feet away from the project site. This level is below the FTA damage impact criteria; therefore, sensitive structures located farther away would also have no damage impact from construction of the project.

Vibration annoyance predictions were calculated to estimate an approximate distance to impact for vibratory rollers, bulldozers, and dump trucks. For an annoyance impact to occur, a vibratory roller would need to be used closer than 27 feet; a large bulldozer would need to be used closer than 12 feet; and a dump truck/loaded truck would need to be used closer than 12 feet. The nearest vibration-sensitive receptor to the proposed work areas is approximately 35 feet away. Therefore, no vibration annoyance is predicted to occur during the construction of the ORSC.

Figure 4 shows the maximum calculated distances to structural and annoyance impacts for areas surrounding the project site. Construction vibration calculations and results for each receptor can be found within **Attachment B**.

Figure 4
Maximum Distance to Vibration Impact Structural and Annoyance

Ontario Regional Sports Complex EIR

Ontario, California

Receptor Location and Number

- Receptor Impacted by Vibration
- Receptor not Impacted
- Top Floor Vibration Prediction Result
- Bottom Floor Vibration Prediction Result

Note: Grouped Receptor Labels are in order of Leader Occurrence.

- Distance to Vibration Structural Damage (FTA Building Category III)
- Distance to Vibration Annoyance (FTA Category 2)

- Project Construction Phases and Work Area
- Receptor Group
- Study Area

0 500 1,000 Feet

6. Mitigation

To minimize and reduce project construction noise and vibration during the construction of the project, the following mitigation strategies can be implemented:

- Construction activity be limited to the hours between 7:00 AM and 6:00 PM Monday through Friday and 9:00 AM and 6:00 PM Saturdays and Sundays, as listed within Section 5-29.09 of the City of Ontario Municipal Code.
- All construction equipment operating on a site shall be equipped with the appropriate manufacturer's noise reduction devices, including, but not limited to, a manufacturer's muffler (or equivalently rated material) that is free of rust, holes, and exhaust leaks.
- Noise from construction devices with internal combustion engines shall be mitigated by ensuring that the engine's housing doors are kept closed, and by using noise-insulating material mounted on the engine housing that does not interfere with the manufacturer's guidelines for engine operation or exhaust.
- Portable compressors, generators, pumps and other such devices shall be covered with noise-insulating fabric to the maximum extent possible that does not interfere with the manufacturer's guidelines for engine operation or exhaust, and shall further reduce noise by operating the device at lower engine speeds during the work to the maximum extent possible.
- Idling onsite of heavy-duty diesel vehicles with Gross Vehicle Weight Rating (GVWR) of 10,000 pounds shall be limited to no longer than five minutes while parking, standing, or stopping as per 13 CCR § 2485 Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling.
- Quieter back-up alarms on construction equipment shall be used whenever feasible.
- Construction vehicles shall be strategically positioned to minimize operation near receptors and avoiding tailgate slamming to the extent possible.

6.1 Construction Noise Impacts After Mitigation

As discussed in Section 5.3.2, nighttime construction noise impacts are predicted to occur for sensitive receptors located in Receptor Group 2, Receptor Group 3, and Receptor Group 5. To reduce construction noise impacts during nighttime hours to below the significant impact threshold, temporary noise barriers should be installed around the work site. With typical installation, temporary noise barriers can provide 5 decibels of noise level reduction to adjacent receptors. When accounting for this reduction, significant impact would be reduced or eliminated at all but five recreational receptors (R-459, R-471, R-472, R-473, and R-474) within Receptor Group 3 and Receptor Group 5. These receptors are comprised of a green at the Whispering Lakes Golf Course and a section of the Cucamonga Channel Walking Trail. The receptors are predicted to experience noise levels greater than 5 decibels over ambient conditions during construction of the commercial center parking structure in Phase 4. However, these receptor locations would not be considered sensitive during the nighttime period and would therefore not be considered impacted. **Table 12** summarizes the ranges of construction-noise levels with the implementation of temporary noise barriers. Additional mitigation measures, including positioning of equipment away from sensitive receptors and minimizing equipment idling can further reduce overall noise levels during construction activities.

Table 12. Predicted Nighttime Cumulative Construction Noise Levels After Mitigation

Project Component		Work Phase	Range of Predicted Nighttime (10PM – 7 AM) Construction Noise Levels by Receptor Group, L_{eq} (dBA)[1]					
			1	2	3	4	5	6
Nighttime Ambient (7PM-7AM)[2]			**47**	**47**	**48**	**48**	**48**	**47**
Impact Threshold (Cannot Exceed)			**52**	**52**	**53**	**53**	**53**	**52**
Parking Structures	Parking Structure A	Phase 1B	42–43	42–46	45–51	44–45	43–47	42–42
	Parking Structure B	Phase 2	42–45	42–49	43–44	43–44	43–44	42–44
Stadium	All Activities	Phase 1B	42–44	42–48	**44–55[4]**	44–47	43–49	42–42

Notes:
1 - Construction equipment noise levels conservatively assume all equipment would be utilized at the same time and at all hours of an 8-hour period, both of which are unlikely.
2 – Long-term noise measurements were conducted in and around the site in October 2023. The ambient noise level is comprised of the measured L90. Refer to *The Ontario Regional Sports Complex EIR Traffic Noise Technical Report* for detailed information on the noise measurement program.
3 - **Bold** red numbers indicate noise levels that exceed 5 dBA over the measured ambient noise level.
4 – Receptors predicted to experience nighttime construction noise levels include recreational use that would not be considered to have nighttime sensitivity (green at Whispering Lakes Golf Course and Cucamonga Channel Walking Trail). Therefore, these locations would not be considered to be impacted during nighttime construction of the project. Noise level ranges are provided for informational purposes.
Source: HMMH, 2024.

7. References

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ATTACHMENT A. PREDICTED CONSTRUCTION NOISE LEVELS

Ontario Regional Sports Complex EIR
Construction Noise Analysis, Predicted Daytime Construction Noise Levels by Month for All Receptors, 8-hour Leq

		Cumulative Construction Noise Levels by Month, Maximum Hourly Leq, dBA																														
Receptor	Receptor Group	9/1/2024 9/30/2024	10/1/2024 10/31/2024	11/1/2024 11/30/2024	12/1/2024 12/31/2024	1/1/2025 1/31/2025	2/1/2025 2/28/2025	3/1/2025 3/31/2025	4/1/2025 4/30/2025	5/1/2025 5/31/2025	6/1/2025 6/30/2025	7/1/2025 7/31/2025	8/1/2025 8/31/2025	9/1/2025 9/30/2025	10/1/2025 10/31/2025	11/1/2025 11/30/2025	12/1/2025 12/31/2025	1/1/2026 1/31/2026	2/1/2026 2/28/2026	3/1/2026 3/31/2026	4/1/2026 4/30/2026	5/1/2026 5/31/2026	6/1/2026 6/30/2026	7/1/2026 7/31/2026	8/1/2026 8/31/2026	9/1/2026 9/30/2026	10/1/2026 10/31/2026	11/1/2026 11/30/2026	12/1/2026 12/31/2026	1/1/2027 1/31/2027	2/1/2027 2/28/2027	3/1/2027 3/31/2027	4/1/2027 4/30/2027	5/1/2027 5/31/2027	6/1/2027 6/30/2027	7/1/2027 7/31/2027	8/1/2027 8/31/2027	9/1/2027 9/30/2027
Rec_1-G	5	66.0	66.3	64.9	62.4	64.4	63.4	60.9	61.5	59.3	59.5	59.2	60.4	61.4	58.3	52.3	54.8	54.9	54.0	40.2	37.4	40.4	38.2	33.2	36.4	36.4	33.6	33.6	36.2	35.8	35.8	39.4	40.0	38.0	31.8	31.8	31.8	31.8
Rec_2-G	5	60.5	56.9	55.6	55.0	59.0	58.2	51.7	52.1	49.8	50.0	49.6	51.0	51.9	48.9	42.9	45.2	45.4	44.4	31.5	28.3	33.0	32.1	26.5	29.8	29.8	27.0	27.0	29.6	29.2	29.2	32.9	34.0	32.3	25.3	25.3	25.3	25.3
Rec_3-G	5	60.2	57.9	57.0	55.7	58.9	58.1	53.0	53.4	51.2	51.3	50.9	52.4	53.1	49.6	44.2	46.5	46.7	45.9	33.0	28.3	32.9	32.0	26.4	29.7	29.7	27.0	27.0	29.6	29.2	29.2	32.9	34.0	32.2	25.3	25.3	25.3	25.3
Rec_4-G	5	61.4	57.4	56.3	55.8	59.9	59.1	51.4	52.1	49.9	50.2	49.8	51.1	51.9	48.7	42.9	45.2	45.4	44.5	31.3	27.0	30.8	29.7	25.0	28.2	28.2	25.3	25.3	27.9	27.4	27.4	31.0	31.7	29.7	23.4	23.4	23.4	23.4
Rec_5-G	5	59.1	56.9	55.6	54.7	57.8	57.0	52.2	52.8	51.0	51.4	51.0	52.7	53.1	48.9	44.5	46.8	47.0	46.1	32.9	28.1	31.6	30.1	25.0	28.2	28.2	25.4	25.4	28.0	27.5	27.5	31.1	31.9	29.9	23.5	23.5	23.5	23.5
Rec_6-G	5	49.8	51.3	50.3	49.0	49.7	48.7	48.4	48.8	47.2	47.4	47.0	49.0	49.1	44.1	40.7	42.8	43.1	42.2	30.2	27.0	31.2	30.2	25.2	28.4	28.4	25.6	25.6	28.2	27.7	27.7	31.4	32.2	30.3	23.8	23.8	23.8	23.8
Rec_7-G	5	57.3	54.2	53.5	52.9	56.3	55.5	50.1	50.3	48.3	48.5	48.0	49.8	50.1	45.9	41.7	43.8	44.1	43.2	30.9	26.7	30.6	29.5	24.7	27.9	27.9	25.1	25.1	27.7	27.2	27.2	30.8	31.5	29.5	23.2	23.2	23.2	23.2
Rec_8-G	5	57.5	54.9	53.6	53.1	56.3	55.6	50.3	50.9	49.3	49.6	49.1	51.0	51.2	46.8	42.6	44.9	45.1	44.2	31.4	26.3	30.5	29.7	24.7	28.0	28.0	25.2	25.2	27.8	27.3	27.3	30.9	31.7	29.8	23.3	23.3	23.3	23.3
Rec_9-G	5	57.1	54.6	53.5	52.8	56.0	55.2	50.2	50.8	49.1	49.3	48.9	50.8	51.0	46.3	42.3	44.5	44.7	43.8	31.1	26.7	30.8	29.8	24.8	28.0	28.0	25.2	25.2	27.8	27.3	27.3	31.0	31.8	29.9	23.4	23.4	23.4	23.4
Rec_10-G	5	56.5	53.9	53.0	52.3	55.5	54.7	49.7	50.2	48.4	48.6	48.2	50.0	50.3	45.9	41.9	44.0	44.3	43.4	31.3	28.4	31.7	29.9	24.9	28.1	28.1	25.3	25.3	27.9	27.4	27.4	31.0	31.7	29.7	23.4	23.4	23.4	23.4
Rec_11-G	5	56.3	53.8	52.6	52.0	55.2	54.4	49.4	50.0	48.3	48.6	48.1	49.9	50.2	45.6	41.8	44.0	44.2	43.3	30.5	25.8	30.6	30.7	26.7	29.9	29.9	27.0	27.0	29.6	29.1	29.1	32.7	33.1	31.0	25.0	25.0	25.0	25.0
Rec_12-G	5	66.0	64.3	62.7	60.8	64.2	63.4	57.9	58.9	56.6	56.9	56.7	57.7	58.9	56.3	49.2	51.7	51.9	50.9	35.2	27.9	31.7	30.5	25.6	28.8	28.8	26.0	26.0	28.6	28.1	28.1	31.8	32.5	30.6	24.2	24.2	24.2	24.2
Rec_13-G	5	68.4	69.7	68.8	65.8	66.6	65.4	63.8	64.7	62.1	61.5	61.1	61.7	63.8	62.2	54.0	55.8	56.0	55.0	46.3	46.8	50.5	49.0	43.7	46.9	46.9	44.1	44.1	46.7	46.3	46.3	49.9	50.8	48.9	42.3	42.3	42.3	42.3
Rec_14-G	5	67.8	69.4	68.4	65.4	66.0	64.8	63.7	64.4	61.8	61.3	61.0	61.6	63.6	61.9	53.7	55.6	55.8	54.8	45.7	46.0	50.2	49.3	44.3	47.5	47.5	44.7	44.7	47.3	46.8	46.8	50.4	51.3	49.4	42.8	42.8	42.8	42.8
Rec_15-G	5	59.0	62.1	61.9	61.6	60.0	58.1	57.9	58.6	56.7	55.6	55.0	56.5	57.5	55.3	50.6	51.8	52.1	51.3	44.7	45.1	49.7	49.2	44.5	47.7	47.7	44.8	44.8	47.4	47.0	47.0	50.6	51.3	49.3	42.9	42.9	42.9	42.9
Rec_16-G	5	58.3	60.3	60.2	58.8	58.6	57.4	56.6	57.0	54.9	54.3	53.7	55.5	56.2	53.2	48.7	50.3	50.7	49.8	42.3	42.3	45.8	44.6	40.0	43.2	43.2	40.4	40.4	43.0	42.5	42.5	46.1	46.7	44.6	38.5	38.5	38.5	38.5
Rec_17-G	5	57.1	59.7	59.1	58.8	57.5	56.1	56.2	56.7	54.8	54.2	53.6	55.4	56.2	53.7	49.8	51.0	51.3	50.4	44.4	45.1	47.9	45.4	40.5	43.7	43.7	40.9	40.9	43.5	43.0	43.0	46.6	47.1	45.0	38.9	38.9	38.9	38.9
Rec_18-G	5	55.3	57.3	57.2	56.9	56.0	54.6	52.9	54.0	52.5	51.5	50.8	52.6	53.4	51.0	47.2	48.1	48.5	47.6	42.1	42.7	45.7	43.5	38.8	42.0	42.0	39.1	39.1	41.7	41.2	41.2	44.8	45.3	43.2	37.1	37.1	37.1	37.1
Rec_19-G	5	55.9	58.2	58.3	57.9	56.9	55.5	55.0	55.5	53.6	52.7	52.2	53.8	54.4	51.5	48.0	49.3	49.6	48.8	42.0	42.4	45.5	43.8	39.3	42.5	42.5	39.6	39.6	42.2	41.7	41.7	45.3	45.7	43.5	37.6	37.6	37.6	37.6
Rec_20-G	5	54.7	58.2	58.6	58.0	56.6	55.1	55.3	55.8	53.9	52.7	52.0	53.7	54.4	51.9	48.0	49.2	49.6	48.7	42.7	43.2	46.4	44.7	40.2	43.4	43.4	40.6	40.6	43.2	42.7	42.7	46.3	46.7	44.5	38.6	38.6	38.6	38.6
Rec_21-G	5	54.1	57.1	57.1	56.8	55.5	54.0	54.0	54.5	52.9	52.2	51.6	53.5	53.9	50.5	47.3	48.7	49.0	48.2	40.9	41.1	44.5	43.1	38.7	41.9	41.9	39.0	39.0	41.6	41.1	41.1	44.7	45.2	43.0	37.1	37.1	37.1	37.1
Rec_22-G	5	55.5	57.8	57.9	58.0	56.8	55.2	54.5	55.2	53.7	52.6	52.0	53.8	54.3	51.4	48.2	49.4	49.7	48.8	42.5	43.2	46.5	45.1	40.8	44.0	44.0	41.1	41.1	43.7	43.2	43.2	46.8	47.2	45.0	39.1	39.1	39.1	39.1
Rec_23-G	5	55.4	58.5	59.0	58.4	57.1	55.9	55.9	56.1	54.1	53.3	52.6	54.4	54.9	51.9	48.7	49.9	50.3	49.4	43.2	43.6	46.5	44.5	40.0	43.2	43.2	40.3	40.3	42.9	42.4	42.4	46.0	46.4	44.2	38.3	38.3	38.3	38.3
Rec_24-G	5	53.8	56.9	57.3	57.1	55.7	54.4	54.3	54.8	52.9	51.9	51.3	53.1	53.4	50.3	47.0	48.3	48.7	47.9	40.7	40.7	44.1	42.7	38.4	41.6	41.6	38.8	38.8	41.4	40.9	40.9	44.5	44.9	42.7	36.9	36.9	36.9	36.9
Rec_25-G	5	50.0	53.6	54.3	55.0	52.8	50.9	51.1	51.8	50.3	48.2	47.5	49.3	49.9	47.6	44.7	45.6	45.9	45.0	40.0	40.8	44.1	42.7	38.3	41.5	41.5	38.6	38.6	41.2	40.7	40.7	44.3	44.8	42.6	36.7	36.7	36.7	36.7
Rec_26-G	5	68.3	69.9	68.9	65.8	66.4	65.1	64.1	64.9	62.2	61.7	61.3	61.8	63.9	62.3	53.9	55.8	56.0	55.1	45.7	45.9	50.2	49.4	44.3	47.6	47.6	44.8	44.8	47.4	46.9	46.9	50.5	51.4	49.5	42.9	42.9	42.9	42.9
Rec_27-G	5	67.8	69.6	68.7	65.5	66.0	64.8	63.9	64.6	62.0	61.5	61.1	61.6	63.7	62.1	53.6	55.5	55.7	54.8	45.4	45.4	49.5	48.4	43.3	46.5	46.5	43.7	43.7	46.3	45.9	45.9	49.5	50.4	48.5	41.9	41.9	41.9	41.9
Rec_28-G	5	67.8	69.8	68.9	66.0	66.0	64.7	64.0	64.9	62.3	61.6	61.2	61.7	63.9	62.5	54.2	55.7	55.9	55.0	47.0	47.5	51.6	50.7	45.7	48.9	48.9	46.1	46.1	48.7	48.2	48.2	51.8	52.7	50.7	44.2	44.2	44.2	44.2
Rec_29-G	5	67.7	69.9	69.0	66.3	66.0	64.6	64.1	65.0	62.5	61.8	61.4	61.8	64.0	62.5	54.4	55.9	56.1	55.2	47.3	47.8	52.2	51.5	46.5	49.7	49.7	46.9	46.9	49.5	49.1	49.1	52.7	53.6	51.6	45.1	45.1	45.1	45.1
Rec_30-G	5	67.8	69.9	69.1	65.9	66.0	64.7	64.3	65.0	62.4	61.8	61.4	61.9	64.0	62.5	54.0	55.8	56.0	55.1	46.2	46.4	50.7	49.9	44.8	48.0	48.0	45.2	45.2	47.8	47.4	47.4	51.0	51.9	50.0	43.4	43.4	43.4	43.4
Rec_31-G	5	68.0	70.2	69.4	66.4	66.2	64.8	64.5	65.3	62.7	62.0	61.6	62.1	64.3	62.9	54.6	56.1	56.3	55.4	47.6	48.2	52.4	51.5	46.3	49.5	49.5	46.7	46.7	49.3	48.9	48.9	52.5	53.4	51.6	44.9	44.9	44.9	44.9
Rec_32-G	5	67.8	70.2	69.3	66.3	66.1	64.6	64.5	65.3	62.6	61.9	61.5	62.0	64.2	62.7	54.3	55.9	56.1	55.2	46.9	47.3	52.1	51.6	46.6	49.9	49.9	47.1	47.1	49.7	49.2	49.2	52.8	53.7	51.9	45.2	45.2	45.2	45.2
Rec_33-G	5	57.4	58.8	58.0	57.7	57.4	55.8	54.8	55.5	53.9	53.2	52.6	54.4	55.0	51.5	46.5	48.6	48.9	48.1	36.1	31.5	44.0	45.8	41.6	44.8	44.8	42.0	42.0	44.6	44.1	44.1	47.7	48.4	46.4	40.1	40.1	40.1	40.1
Rec_34-G	5	57.9	59.2	58.7	58.2	58.0	56.5	54.7	55.7	54.0	53.0	52.5	53.9	54.9	52.7	48.1	49.3	49.6	48.7	42.2	42.8	46.0	44.2	39.6	42.8	42.8	40.0	40.0	42.6	42.1	42.1	45.7	46.2	44.1	38.1	38.1	38.1	38.1
Rec_35-G	5	57.3	58.3	58.2	56.2	57.2	56.3	54.8	54.9	52.7	52.5	52.0	53.7	54.2	50.9	46.3	48.1	48.4	47.6	38.7	37.9	41.2	39.5	34.7	37.9	37.9	35.0	35.0	37.6	37.1	37.1	40.7	41.4	39.3	33.0	33.0	33.0	33.0
Rec_36-G	5	57.0	57.8	57.0	56.1	56.6	55.5	54.2	54.5	52.7	52.7	52.2	54.0	54.5	51.0	47.4	49.1	49.4	48.5	40.8	41.0	43.4	42.2	34.8	38.0	38.0	35.1	35.1	37.7	37.3	37.3	40.9	41.4	39.3	33.2	33.2	33.2	33.2
Rec_37-G	5	57.4	58.4	58.1	57.6	57.8	56.4	54.8	55.4	53.7	53.1	52.6	54.3	54.8	51.4	47.9	49.4	49.7	48.8	41.2	41.6	44.6	42.7	38.2	41.4	41.4	38.5	38.5	41.1	40.6	40.6	44.2	44.6	42.5	36.6	36.6	36.6	36.6
Rec_38-G	5	55.7	57.0	56.4	56.4	55.9	54.5	53.5	54.1	52.6	51.9	51.4	53.2	53.7	50.6	47.3	48.7	48.9	48.0	41.3	41.9	45.0	43.2	38.6	41.8	41.8	39.0	39.0	41.6	41.1	41.1	44.7	45.2	43.0	37.0	37.0	37.0	37.0
Rec_39-G	5	54.8	56.1	56.0	55.2	55.4	54.1	52.8	53.3	51.7	50.8	50.2	52.1	52.5	49.1	45.1	46.8	47.2	46.4	38.4	38.1	42.6	42.7	38.8	42.0	42.0	39.1	39.1	41.7	41.2	41.2	44.8	45.2	42.9	37.1	37.1	37.1	37.1
Rec_40-G	5	54.4	55.8	55.7	56.4	55.5	53.8	52.0	53.2	51.8	50.5	50.0	51.7	52.3	49.7	46.6	47.6	47.9	47.0	41.6	42.4	45.4	43.6	39.4	42.6	42.6	39.7	39.7	42.2	41.7	41.7	45.3	45.6	43.4	37.6	37.6	37.6	37.6
Rec_41-G	5	54.1	55.2	55.2	55.2	54.8	53.4	52.1	52.8	51.4	50.1	49.6	51.5	51.7	48.3	44.8	46.3	46.6	45.7	38.7	39.2	43.0	42.0	37.7	40.9	40.9	38.0	38.0	40.6	40.1	40.1	43.7	44.2	42.1	36.1	36.1	36.1	36.1
Rec_42-G	5	54.2	54.7	54.1	55.0	54.5	53.1	51.2	52.1	50.8	50.0	49.6	51.4	51.8	48.6	45.6	46.9	47.1	46.2	40.0	40.8	43.9	42.0	37.5	40.7	40.7	37.8	37.8	40.4	39.9	39.9	43.5	44.0	41.8	35.9	35.9	35.9	35.9
Rec_43-G	5	58.2	60.1	59.3	59.3	58.2	56.4	55.5	56.4	54.8	53.6	53.0	54.5	55.7	53.9	49.2	50.3	50.6	49.7	44.2	45.0	48.5	47.0	42.3	45.5	45.5	42.6	42.6	45.2	44.7	44.7	48.3	49.0	46.9	40.7	40.7	40.7	40.7
Rec_44-G	5	57.3	59.4	59.2	58.3	57.5	56.2	55.4	55.9	54.0	53.1	52.5	54.2	55.1	52.7	48.0	49.2	49.5	48.7	42.3	42.7	46.2	45.0	40.6	43.8	43.8	40.9	40.9	43.5	43.0	43.0	46.6	47.1	44.9	38.9	38.9	38.9	38.9
Rec_45-G	5	56.1	59.0	59.3	57.9	57.2	55.9	55.7	56.0	53.9	53.1	52.4	54.1	54.7	51.7	47.3	48.8	49.2	48.4	40.6	40.1	44.8	44.8	40.8	44.0	44.0	41.1	41.1	43.6	43.1	43.1	46.7	47.1	45.0	39.0	39.0	39.0	39.0
Rec_46-G	5	56.0	58.5	58.5	57.7	56.8	55.4	55.4	55.6	53.5	52.5	51.8	53.6	54.2	51.5	47.4	48.7	49.0	48.2	41.3	41.5	45.5	44.2	39.8	43.0	43.0	40.1	40.1	42.7	42.2	42.2	45.8	46.4	44.3	38.2	38.2	38.2	38.2
Rec_47-G	5	55.6	58.1	58.1	57.7	56.7	55.1	54.8	55.4	53.7	52.4	51.8	53.5	54.2	51.6	47.4	48.8	49.2	48.4	41.9	42.1	45.8	44.9	40.8	44.0	44.0	41.1	41.1	43.7	43.2	43.2	46.8	47.2	45.0	39.1	39.1	39.1	39.1
Rec_48-G	5	54.8	57.5	57.6	56.9	55.7	54.4	54.6	54.7	52.6	51.9	51.3	53.1	53.8	51.0	47.2	48.5	48.9	48.0	42.0	42.6	45.7	44.1	39.8	43.0	43.0	40.1	40.1	42.7	42.2	42.2	45.8	46.2	43.9	38.1	38.1	38.1	38.1
Rec_49-G	5	54.1	57.1	57.5	56.3	55.2	54.2	54.5	54.5	52.2	51.6	50.8	52.8	53.4	50.6	47.0	48.2	48.5	47.6	42.1	42.6	45.5	43.4	39.1	42.2	42.2	39.3	39.3	41.9	41.4	41.4	45.0	45.3	43.1	37.3	37.3	37.3	37.3
Rec_50-G	5	55.2	57.8	58.2	57.1	56.3	55.1	55.2	55.3	53.2	52.3	51.6	53.6	54.1	50.9	47.2	48.5	48.9	48.1	41.1	41.1	44.3	42.6	37.9	41.1	41.1	38.3	38.3	40.9	40.4	40.4	44.0	44.5	42.4	36.3	36.3	36.3	36.3
Rec_51-G	5	54.8	58.1	58.7	57.2	56.3	55.2	55.2	55.7	53.3	52.6	51.9	53.8	54.2	50.9	47.0	48.5	48.9	48.2	40.7	40.4	43.8	42.5	38.2	41.4	41.4	38.5	38.5	41.1	40.6	40.6	44.2	44.7	42.5	36.6	36.6	36.6	36.6
Rec_52-G	5	54.2	57.8	58.6	57.3	56.1	54.8	55.7	55.6	53.4	52.2	51.4	53.3	53.7	50.4	46.4	47.9	48.3	47.5	40.0	39.6	43.8	43.2	38.8	42.0	42.0	39.2	39.2	41.8	41.3	41.3	44.9	45.5	43.4	37.3	37.3	37.3	37.3
Rec_53-G	5	58.4	59.6	58.9	56.5	57.4	56.5	55.0	55.5	53.2	53.1	52.6	54.2	55.3	52.9	47.4	49.1	49.4	48.4	41.8	42.2	45.0	42.4	36.9	40.1	40.1	37.3	37.3	39.8	39.3	39.3	42.9	43.7	41.8	35.2	35.2	35.2	35.2
Rec_54-G	5	57.5	58.6	57.8	56.4	56.8	55.7	54.4	54.9	53.1	52.9	52.4	54.2	54.9	52.0	47.5	49.2	49.5	48.5	41.2	41.6	44.4	42.1	37.6	40.8	40.8	37.9	37.9	40.5	40.0	40.0	43.5	43.9	41.7	35.8	35.8	35.8	35.8
Rec_55-G	5	57.1	58.2	57.5	56.3	56.9	55.7	54.6	54.9	53.0	52.6	52.2	53.8	54.5	51.5	47.2	48.9	49.2	48.2	41.0	41.5	44.3	42.1	37.4	40.6	40.6	37.7	37.7	40.3	39.8	39.8	43.3	43.8	41.7	35.6	35.6	35.6	35.6
Rec_56-G	5	56.6	58.1	57.6	56.8	56.7	55.3	54.7	55.0	53.0	52.6	52.1	53.8	54.4	51.2	47.4	49.0	49.3	48.4	40.6	41.0	43.8	41.3	36.4	39.6	39.6	36.7	36.7	39.3	38.8	38.8	42.4	43.0	40.9	34.8	34.8	34.8	34.8
Rec_57-G	5	56.2	57.8	57.2	57.2	56.4	54.9	54.4	54.8	53.0	52.4	51.8	53.7	54.2	51.0	47.7	49.1	49.3	48.4	41.7	42.5	45.3	43.0	38.3	41.5	41.5	38.7	38.7	41.3	40.8	40.8	44.4	44.9	42.7	36.8	36.8	36.8	36.8
Rec_58-G	5	55.8	57.3	56.7	56.3	55.9	54.6	54.1	54.5	52.7	52.3	51.8	53.6	54.1	50.8	47.2	48.7	49.0	48.1	40.5	40.9	43.5	40.6	35.5	38.7	38.7	35.9	35.9	38.5	38.0	38.0	41.6	42.1	40.0	34.0	34.0	34.0	34.0
Rec_59-G	5	55.8	57.2	56.9	56.3	55.6	54.7	54.2	54.2	52.1	52.1	51.6	53.5	53.8	49.8	45.7	47.7	48.0	47.1	37.6	36.9	40.2	38.9	34.4	37.6	37.6	34.7	34.7	37.2	36.7	36.7	40.2	40.8	38.7	32.5	32.5	32.5	32.5
Rec_60-G	5	55.6	57.4	57.0	57.0	55.9	54.7	54.7	54.8	53.1	52.7	52.1	54.2	54.5	50.9	47.9	49.3	49.5	48.6	41.8	42.5	45.2	42.7	37.8	41.0	41.0	38.1	38.1	40.7	40.2	40.2	43.8	44.3	42.2	36.2	36.2	36.2	36.2
Rec_61-G	5	56.2	57.4	56.9	55.5	56.2	55.1	54.3	54.4	52.6	52.6	52.2	54.0	54.2	50.2	46.7	48.6	48.8	47.8	39.9	40.2	43.3	41.7	37.7	40.8	40.8	37.9	37.9	40.5	40.0	40.0	43.5	43.8	41.5	35.8	35.8	35.8	35.8
Rec_62-G	5	56.2	57.5	57.0	55.3	56.1	55.1	54.2	54.3	52.6	52.6	52.1	54.1	54.3	50.7	46.9	48.7	48.9	48.0	39.9	40.2	43.3	41.7	37.7	40.8	40.8	38.0	38.0	40.7	40.2	40.2	43.8	44.3	42.2	36.2	36.2	36.2	36.2
Rec_63-G	5	53.8	54.6	54.2	54.7	54.4	53.0	50.9	52.0	50.8	49.8	49.3	51.2	51.4	47.9	44.9	46.3	46.5	45.6	38.9	39.6	42.9	41.5	37.2	40.4	40.4	37.5	37.5	40.1	39.6	39.6	43.2	43.6	41.4	35.5	35.5	35.5	35.5
Rec_64-G	5	55.1	55.7	55.8	56.4	55.7	54.3	52.2	53.1	51.7	50.2	49.7	51.3	52.0	49.6	46.5	47.4	47.7	46.8	41.0	41.8	44.9	42.9	37.8	41.0	41.0	38.2	38.2	40.8	40.3	40.3	43.9	44.6	42.6	36.3	36.3	36.3	36.3
Rec_65-G	5	55.7	57.9	57.8	58.5	56.9	55.2	55.5	55.8	54.1	52.8	52.2	54.1

Ontario Regional Sports Complex EIR
Construction Noise Analysis, Predicted Daytime Construction Noise Levels by Month for All Receptors, 8-hour Leq

		Cumulative Construction Noise Levels by Month, Maximum Hourly Leq, dBA																														
Receptor	Receptor Group	9/1/2024 9/30/2024	10/1/2024 10/31/2024	11/1/2024 11/30/2024	12/1/2024 12/31/2024	1/1/2025 1/31/2025	2/1/2025 2/28/2025	3/1/2025 3/31/2025	4/1/2025 4/30/2025	5/1/2025 5/31/2025	6/1/2025 6/30/2025	7/1/2025 7/31/2025	8/1/2025 8/31/2025	9/1/2025 9/30/2025	10/1/2025 10/31/2025	11/1/2025 11/30/2025	12/1/2025 12/31/2025	1/1/2026 1/31/2026	2/1/2026 2/28/2026	3/1/2026 3/31/2026	4/1/2026 4/30/2026	5/1/2026 5/31/2026	6/1/2026 6/30/2026	7/1/2026 7/31/2026	8/1/2026 8/31/2026	9/1/2026 9/30/2026	10/1/2026 10/31/2026	11/1/2026 11/30/2026	12/1/2026 12/31/2026	1/1/2027 1/31/2027	2/1/2027 2/28/2027	3/1/2027 3/31/2027	4/1/2027 4/30/2027	5/1/2027 5/31/2027	6/1/2027 6/30/2027	7/1/2027 7/31/2027	8/1/2027 8/31/2027	9/1/2027 9/30/2027
Rec_124-G	5	56.4	59.1	59.6	58.5	57.9	56.3	55.5	56.4	54.8	53.4	52.6	54.7	55.2	52.2	47.5	48.8	49.2	48.5	40.9	40.5	45.4	45.5	41.3	44.5	44.5	41.7	41.7	44.3	43.8	43.8	47.4	47.9	45.8	39.8	39.8	39.8	39.8
Rec_125-G	5	56.4	59.1	59.9	58.8	58.2	56.6	56.1	56.6	54.8	53.4	52.7	54.7	55.2	52.4	48.0	49.1	49.5	48.7	43.0	43.4	47.1	46.1	41.8	45.0	45.0	42.1	42.1	44.7	44.2	44.2	47.8	48.3	46.1	40.2	40.2	40.2	40.2
Rec_126-G	5	56.2	59.0	60.1	58.1	58.0	56.7	55.4	55.7	53.2	53.0	52.2	54.0	54.6	51.8	46.9	48.2	48.7	48.0	40.7	40.0	44.1	43.5	39.2	42.4	42.4	39.5	39.5	42.1	41.6	41.6	45.2	45.7	43.6	37.5	37.5	37.5	37.5
Rec_127-G	5	54.5	56.9	57.4	58.8	57.3	55.5	53.7	54.9	53.1	51.1	50.4	51.4	52.5	51.7	48.1	48.6	49.2	48.4	43.9	44.4	47.9	46.4	41.7	44.9	44.9	42.1	42.1	44.7	44.2	44.2	47.8	48.4	46.4	40.2	40.2	40.2	40.2
Rec_128-G	5	54.9	58.7	60.0	58.3	57.5	56.0	55.3	55.9	54.1	52.3	51.3	53.4	53.9	51.0	45.9	46.9	47.5	46.8	40.3	40.1	44.4	43.9	39.5	42.7	42.7	39.9	39.9	42.5	42.0	42.0	45.6	46.2	44.1	38.0	38.0	38.0	38.0
Rec_129-G	5	53.3	55.1	55.4	57.7	55.6	53.4	51.6	53.6	52.7	49.6	49.0	50.6	51.3	49.9	47.1	47.7	48.0	47.1	42.4	43.4	47.2	46.1	41.5	44.7	44.7	41.8	41.8	44.4	43.9	43.9	47.5	48.1	46.1	39.9	39.9	39.9	39.9
Rec_130-G	5	54.8	57.3	58.1	57.2	56.3	54.8	54.4	55.3	54.0	51.6	50.9	53.0	53.3	50.2	45.8	47.2	47.6	46.7	39.1	39.2	43.9	43.8	39.5	42.7	42.7	39.9	39.9	42.5	42.0	42.0	45.6	46.2	44.1	38.0	38.0	38.0	38.0
Rec_131-G	5	54.7	56.0	56.1	60.7	57.8	55.1	52.9	55.5	55.1	51.2	50.7	52.0	52.8	52.4	50.3	50.7	50.9	50.0	46.1	47.3	50.9	49.5	44.8	48.0	48.0	45.2	45.2	47.8	47.3	47.3	50.9	51.6	49.5	43.3	43.3	43.3	43.3
Rec_132-G	5	54.4	57.6	58.8	59.0	57.9	56.1	54.9	55.8	54.3	52.5	51.6	53.6	53.8	50.7	46.4	47.7	48.4	47.9	40.2	38.4	45.8	46.9	42.7	45.9	45.9	43.1	43.1	45.7	45.2	45.2	48.8	49.4	47.4	41.2	41.2	41.2	41.2
Rec_133-G	5	54.0	55.8	55.7	59.1	56.3	53.8	52.9	55.4	55.1	50.6	50.1	52.1	52.5	51.3	49.0	49.3	49.5	48.6	44.5	45.7	49.0	47.3	42.5	45.7	45.7	42.9	42.9	45.5	45.0	45.0	48.6	49.2	47.1	40.9	40.9	40.9	40.9
Rec_134-G	5	55.2	57.4	58.1	59.6	58.2	56.2	54.6	55.4	53.6	52.3	51.6	53.1	53.8	51.8	48.5	49.4	49.9	49.2	43.6	44.0	48.3	47.7	43.2	46.4	46.4	43.6	43.6	46.2	45.7	45.7	49.3	50.0	47.9	41.7	41.7	41.7	41.7
Rec_135-G	5	55.1	57.8	58.6	59.1	58.0	56.2	55.5	55.9	54.0	52.8	52.1	54.1	54.4	51.3	47.6	48.7	49.3	48.6	41.9	41.6	46.8	46.9	42.6	45.8	45.8	43.0	43.0	45.6	45.1	45.1	48.7	49.3	47.2	41.1	41.1	41.1	41.1
Rec_136-G	5	55.0	57.4	57.9	58.3	57.2	55.4	54.2	54.9	53.1	52.0	51.3	53.1	53.7	51.0	47.2	48.3	48.8	48.1	41.5	41.3	46.5	46.6	42.5	45.7	45.7	42.9	42.9	45.5	45.0	45.0	48.6	49.1	47.0	40.9	40.9	40.9	40.9
Rec_137-G	5	55.3	57.7	58.1	58.8	57.5	55.7	55.2	55.9	54.3	53.2	52.4	54.5	54.8	51.8	48.5	49.6	50.0	49.3	43.5	43.8	48.2	47.8	43.6	46.8	46.8	44.0	44.0	46.6	46.1	46.1	49.7	50.2	48.0	42.0	42.0	42.0	42.0
Rec_138-G	5	54.5	57.4	58.1	58.9	57.4	55.3	53.9	55.1	53.8	51.7	50.9	52.7	53.4	51.4	47.6	48.4	48.9	48.1	42.7	43.1	47.8	47.7	43.4	46.6	46.6	43.7	43.7	46.3	45.8	45.8	49.4	50.0	47.9	41.7	41.7	41.7	41.7
Rec_139-G	5	56.1	58.4	58.8	59.6	58.2	56.4	55.9	56.6	55.1	53.6	52.9	55.0	55.3	52.4	48.7	49.8	50.2	49.4	43.5	43.9	48.7	48.6	44.3	47.5	47.5	44.6	44.6	47.2	46.7	46.7	50.3	50.9	48.9	42.7	42.7	42.7	42.7
Rec_140-G	5	56.3	59.1	59.4	59.6	58.4	56.6	55.7	56.6	55.1	53.7	52.9	54.8	55.3	52.4	48.3	49.5	50.0	49.3	42.4	42.2	47.8	48.1	43.6	46.8	46.8	44.0	44.0	46.6	46.1	46.1	49.7	50.4	48.4	42.1	42.1	42.1	42.1
Rec_141-G	5	56.7	59.7	60.5	60.0	58.8	57.2	56.5	56.7	54.5	53.9	53.1	55.0	55.5	52.5	48.6	49.7	50.2	49.5	42.6	42.4	48.0	48.3	44.0	47.2	47.2	44.4	44.4	46.9	46.4	46.4	50.0	50.7	48.7	42.4	42.4	42.4	42.4
Rec_142-G	5	56.6	59.1	59.2	59.6	58.1	56.1	55.6	56.6	55.2	53.4	52.8	54.6	55.1	52.3	48.1	49.5	49.9	49.1	41.8	41.8	48.2	49.0	45.0	48.2	48.2	45.4	45.4	48.0	47.5	47.5	51.1	51.6	49.5	43.4	43.4	43.4	43.4
Rec_143-G	5	57.0	60.2	60.3	59.6	58.6	57.1	56.3	56.7	54.8	54.4	53.7	55.5	56.1	53.4	48.9	50.1	50.5	49.6	43.9	44.3	49.6	49.9	45.7	48.9	48.9	46.0	46.0	48.6	48.1	48.1	51.7	52.3	50.2	44.0	44.0	44.0	44.0
Rec_144-G	5	54.4	57.1	56.8	60.9	57.8	54.5	53.4	56.2	56.0	51.7	51.0	52.7	53.8	53.5	50.2	50.5	50.8	49.8	46.9	48.0	52.3	51.7	47.0	50.2	50.2	47.4	47.4	50.0	49.5	49.5	53.1	53.8	51.8	45.5	45.5	45.5	45.5
Rec_145-G	5	55.9	58.6	58.4	61.7	58.7	55.7	54.5	57.0	56.5	52.9	52.3	53.7	54.8	54.3	51.4	51.8	52.0	50.9	47.5	48.7	52.7	51.8	47.3	50.5	50.5	47.6	47.6	50.2	49.7	49.7	53.3	53.9	51.9	45.7	45.7	45.7	45.7
Rec_146-G	5	55.5	57.8	57.8	61.2	58.3	55.7	54.7	56.5	55.7	52.6	52.0	53.7	54.5	53.6	50.7	51.0	51.3	50.4	46.5	47.5	51.7	51.0	46.4	49.6	49.6	46.8	46.8	49.4	48.9	48.9	52.5	53.1	51.1	44.8	44.8	44.8	44.8
Rec_147-G	5	55.6	58.0	58.0	60.8	58.3	55.8	54.4	56.5	55.8	52.8	52.2	53.8	54.6	53.5	50.5	51.1	51.4	50.4	46.5	47.5	51.5	50.5	45.8	49.0	49.0	46.2	46.2	48.8	48.3	48.3	51.9	52.6	50.6	44.3	44.3	44.3	44.3
Rec_148-G	5	55.4	57.2	56.9	60.2	57.6	55.2	53.9	55.8	55.0	52.2	51.7	53.2	54.0	52.8	50.1	50.7	51.0	50.0	46.6	47.3	51.0	50.8	45.8	48.8	48.8	45.5	45.5	48.1	47.6	47.6	51.2	51.9	49.8	43.6	43.6	43.6	43.6
Rec_149-G	5	54.5	57.0	57.3	60.1	57.5	55.2	54.0	55.8	55.0	52.2	51.5	53.2	53.8	52.4	49.8	50.4	50.7	49.8	45.7	46.7	50.6	49.8	45.4	48.6	48.6	45.7	45.7	48.3	47.8	47.8	51.4	52.0	49.9	43.7	43.7	43.7	43.7
Rec_150-G	5	53.6	55.7	56.0	59.4	56.6	54.1	52.3	54.5	53.9	50.6	49.9	51.4	52.2	51.6	49.1	49.4	49.8	48.9	45.1	46.1	50.1	49.2	44.8	48.0	48.0	45.2	45.2	47.8	47.3	47.3	50.9	51.4	49.3	43.2	43.2	43.2	43.2
Rec_151-G	5	54.2	56.5	57.0	59.7	57.2	55.1	53.8	55.6	54.9	52.1	51.4	53.2	53.6	52.1	49.4	50.1	50.5	49.6	45.6	46.4	50.3	49.6	45.2	48.4	48.4	45.5	45.5	48.1	47.6	47.6	51.2	51.8	49.7	43.6	43.6	43.6	43.6
Rec_152-G	5	53.6	55.3	55.4	60.6	57.4	54.6	53.0	55.8	55.4	51.0	50.5	52.1	52.7	52.2	50.0	50.3	50.6	49.7	45.8	46.8	50.6	49.6	45.0	48.2	48.2	45.3	45.3	47.9	47.4	47.4	51.0	51.7	49.6	43.4	43.4	43.4	43.4
Rec_153-G	5	53.1	55.6	56.2	60.2	57.4	55.1	54.0	55.8	55.0	51.7	51.1	52.9	53.2	51.6	49.0	49.5	50.0	49.2	44.5	45.2	49.7	49.3	44.8	48.0	48.0	45.2	45.2	47.8	47.3	47.3	50.9	51.6	49.5	43.3	43.3	43.3	43.3
Rec_154-G	5	54.7	57.4	58.1	57.1	56.5	54.8	54.0	54.8	53.4	51.4	50.7	52.6	53.0	50.0	45.7	47.1	47.4	46.6	39.1	39.3	44.0	43.7	39.2	42.4	42.4	39.6	39.6	42.2	41.7	41.7	45.3	46.0	43.9	37.7	37.7	37.7	37.7
Rec_155-G	5	52.8	54.5	54.3	60.6	56.7	53.3	51.8	56.3	56.6	50.3	49.9	51.6	52.3	52.6	50.8	50.9	51.1	50.0	46.7	48.0	51.2	49.2	44.3	47.5	47.5	44.7	44.7	47.3	46.8	46.8	50.4	51.1	49.0	42.8	42.8	42.8	42.8
Rec_156-G	5	48.2	51.3	52.2	60.5	55.7	52.2	49.8	55.2	55.8	48.6	47.9	49.7	50.4	51.8	50.4	50.3	50.5	49.6	46.6	47.9	51.1	49.2	44.4	47.6	47.6	44.8	44.8	47.4	46.9	46.9	50.5	51.1	49.1	42.9	42.9	42.9	42.9
Rec_157-G	5	50.0	53.2	54.5	59.7	55.6	52.9	51.7	54.1	53.7	48.9	48.2	50.2	50.9	51.0	49.5	49.5	49.8	48.8	45.6	46.8	49.9	48.0	43.2	46.4	46.4	43.6	43.6	46.2	45.7	45.7	49.3	49.9	47.8	41.7	41.7	41.7	41.7
Rec_158-G	5	49.0	50.8	51.0	58.8	54.3	50.9	48.9	53.5	53.9	47.9	47.4	48.9	49.9	50.8	49.0	49.1	49.4	48.5	45.3	46.4	49.9	48.5	43.9	47.1	47.1	44.3	44.3	46.9	46.4	46.4	50.0	50.6	48.5	42.4	42.4	42.4	42.4
Rec_159-G	5	52.5	55.4	56.0	60.4	56.5	53.9	52.8	55.0	54.5	51.0	50.2	52.1	53.0	52.4	50.8	50.9	51.2	50.2	46.6	47.8	50.9	49.0	44.2	47.4	47.4	44.6	44.6	47.2	46.7	46.7	50.3	50.9	48.8	42.7	42.7	42.7	42.7
Rec_160-G	5	53.5	56.2	56.9	61.6	57.9	55.4	54.2	56.6	56.2	52.2	51.6	53.5	54.0	53.3	51.8	52.0	52.3	51.3	47.9	49.0	52.2	50.5	45.8	49.0	49.0	46.1	46.1	48.7	48.2	48.2	51.8	52.4	50.3	44.2	44.2	44.2	44.2
Rec_161-G	5	55.6	58.5	58.9	60.3	57.8	55.5	55.5	57.2	56.6	53.2	52.5	54.8	55.2	53.1	50.2	50.8	51.0	49.9	45.8	47.1	50.6	49.1	44.3	47.5	47.5	44.7	44.7	47.3	46.8	46.8	50.4	51.1	49.0	42.8	42.8	42.8	42.8
Rec_162-G	5	54.5	56.3	55.4	57.0	55.5	52.8	52.6	54.5	54.0	50.8	50.4	52.0	52.8	50.9	46.9	48.1	48.3	47.3	41.3	42.3	47.1	47.0	42.6	45.8	45.8	43.0	43.0	45.6	45.1	45.1	48.7	49.3	47.2	41.0	41.0	41.0	41.0
Rec_163-G	5	53.3	58.2	58.6	62.5	59.3	56.6	56.6	57.4	56.6	53.3	52.6	54.4	55.0	54.0	51.7	52.0	52.3	51.4	47.5	48.6	52.9	52.2	47.6	50.8	50.8	47.9	47.9	50.5	50.0	50.0	53.6	54.3	52.3	46.0	46.0	46.0	46.0
Rec_164-G	5	55.2	58.4	59.0	61.6	58.7	56.1	55.5	57.3	56.6	53.1	52.5	54.3	54.9	53.8	51.0	51.4	51.7	50.7	47.3	48.4	52.6	52.0	47.6	50.8	50.8	47.9	47.9	50.5	50.0	50.0	53.6	54.2	52.1	45.9	45.9	45.9	45.9
Rec_165-G	5	53.5	56.7	56.8	60.6	57.7	54.7	52.9	55.9	55.7	51.6	50.8	52.6	53.0	52.1	48.7	48.9	49.4	48.6	44.7	45.5	51.2	51.6	47.3	50.5	50.5	47.7	47.7	50.3	49.8	49.8	53.4	54.0	51.9	45.7	45.7	45.7	45.7
Rec_166-G	5	57.2	59.7	60.1	60.6	59.1	56.9	56.0	56.6	54.8	53.7	53.0	54.7	55.4	53.2	49.4	50.4	50.7	49.8	45.0	45.8	50.9	51.0	46.7	49.9	49.9	47.1	47.1	49.7	49.2	49.2	52.8	53.4	51.3	45.1	45.1	45.1	45.1
Rec_167-G	5	55.3	58.4	59.3	60.5	58.3	56.0	55.3	56.6	55.6	52.7	51.9	53.9	54.4	52.3	48.5	49.2	49.7	48.9	44.3	45.0	50.3	50.5	46.2	49.4	49.4	46.6	46.6	49.2	48.7	48.7	52.3	52.9	50.8	44.6	44.6	44.6	44.6
Rec_168-G	5	55.3	58.0	58.2	59.6	58.0	55.7	54.9	55.9	54.6	52.9	52.1	54.2	54.6	52.0	48.3	49.3	49.7	49.0	42.7	43.0	48.8	49.3	45.1	48.3	48.3	45.4	45.4	48.0	47.5	47.5	51.1	51.7	49.7	43.5	43.5	43.5	43.5
Rec_169-G	5	54.8	57.8	58.5	59.7	58.1	56.0	55.2	55.9	54.1	53.0	52.2	54.3	54.6	51.5	48.2	49.1	49.7	49.0	42.9	42.8	48.6	48.9	44.5	47.7	47.7	44.9	44.9	47.5	47.0	47.0	50.6	51.3	49.3	43.0	43.0	43.0	43.0
Rec_170-G	5	54.6	57.5	58.1	58.9	57.4	55.6	54.3	55.1	53.6	52.4	51.5	53.5	54.0	51.2	47.2	48.3	49.0	48.4	41.3	40.3	47.1	47.9	43.7	46.9	46.9	44.1	44.1	46.7	46.2	46.2	49.8	50.4	48.4	42.1	42.1	42.1	42.1
Rec_171-G	5	53.5	56.3	56.7	56.0	55.5	53.9	52.8	53.3	51.6	51.0	50.1	52.3	52.6	49.2	44.4	45.9	46.5	45.9	37.0	34.4	43.3	44.7	40.7	43.9	43.9	41.0	41.0	43.6	43.1	43.1	46.7	47.3	45.3	39.1	39.1	39.1	39.1
Rec_172-G	5	49.1	49.9	48.0	48.6	48.3	46.6	46.0	47.0	45.7	44.4	44.0	45.8	46.6	43.9	38.9	40.7	40.8	39.7	30.9	32.0	37.3	37.2	32.5	35.7	35.7	32.9	32.9	35.5	35.0	35.0	38.6	39.4	37.5	31.0	31.0	31.0	31.0
Rec_173-G	5	48.2	51.1	50.5	48.8	48.6	47.2	46.6	47.5	46.6	45.2	44.2	47.1	47.5	44.0	38.1	39.5	39.8	39.0	31.4	31.7	37.7	38.2	34.0	37.2	37.2	34.3	34.3	36.9	36.4	36.4	40.0	40.6	38.5	32.3	32.3	32.3	32.3
Rec_174-G	5	50.9	53.1	53.3	56.6	52.7	50.3	50.0	52.4	52.1	47.9	47.4	49.2	50.2	49.8	47.9	48.2	48.3	47.1	44.5	44.5	45.9	45.2	40.2	43.4	43.4	40.5	40.5	43.1	42.6	42.6	46.5	44.5	38.6	38.6	38.6	38.6	38.6
Rec_175-G	5	48.8	51.6	52.6	56.9	54.0	51.8	49.7	52.8	52.6	48.2	47.4	49.3	49.5	48.8	46.7	47.2	47.6	46.8	42.8	43.6	47.2	46.0	41.5	44.7	44.7	41.8	41.8	44.4	44.0	44.0	47.6	48.1	46.0	39.9	39.9	39.9	39.9
Rec_176-G	5	53.0	55.6	56.3	57.7	55.6	53.7	53.0	55.2	54.9	51.2	50.5	52.7	52.8	50.5	47.8	48.5	48.8	47.8	43.7	44.7	47.9	46.3	41.8	45.0	45.0	42.1	42.1	44.7	44.2	44.2	47.8	48.3	46.2	40.2	40.2	40.2	40.2
Rec_177-G	5	54.2	56.4	56.8	58.2	56.3	54.5	53.5	55.4	54.8	51.6	51.0	52.9	53.3	51.2	48.2	49.0	49.3	48.4	43.6	44.5	47.8	46.3	41.8	45.0	45.0	42.2	42.2	44.8	44.3	44.3	47.9	48.4	46.3	40.3	40.3	40.3	40.3
Rec_178-G	5	54.4	57.1	57.7	60.5	57.7	55.2	53.9	57.5	57.6	52.0	51.4	53.5	53.9	53.0	49.8	50.3	50.6	49.6	45.9	47.0	50.6	49.4	44.9	48.1	48.1	45.2	45.2	47.8	47.3	47.3	50.9	51.5	49.4	43.3	43.3	43.3	43.3
Rec_179-G	5	52.9	56.4	56.9	60.8	57.2	54.6	53.6	56.3	56.2	51.6	50.8	53.3	53.8	52.7	50.6	50.9	51.1	50.1	46.7	47.9	51.1	49.5	45.1	48.3	48.3	45.5	45.5	48.1	47.6	47.6	51.2	51.6	49.4	43.5	43.5	43.5	43.5
Rec_180-G	5	53.3	56.4	57.1	60.3	57.4	54.8	53.7	56.3	56.0	51.5	50.8	52.8	53.4	52.4	49.9	50.4	50.7	49.8	45.8	46.8	50.5	49.5	45.3	48.5	48.5	45.6	45.6	48.2	47.7	47.7	51.3	51.7	49.5	43.6	43.6	43.6	43.6
Rec_181-G	5	53.5	57.5	58.8	60.9	58.2	55.6	54.9	56.3	55.2	51.8	50.9	53.1	53.6	52.2	49.8	50.2	50.5	49.6	46.0	47.0	50.8	50.0	45.8	49.0	49.0	46.2	46.2	48.7	48.2	48.2	51.8	52.2	50.0	44.1	44.1	44.1	44.1
Rec_182-G	5	50.9	53.0	52.6	59.6	55.6	52.6	50.6	55.4	55.8	49.3	48.8	50.8	51.1	51.3	49.3	49.6	49.9	49.0	45.8	46.9	50.4	49.1	44.6	47.8	47.8	45.0	45.0	47.6	47.1	47.1	50.7	51.2	49.0	43.0	43.0	43.0	43.0
Rec_183-G	5	56.4	59.7	60.7	61.6	59.9	57.3	56.9	57.8	56.6	54.2	53.4	55.5	55.8	53.7	50.5	51.3	51.6	50.6	46.8	47.8	52.1	51.6	47.2	50.4	50.4	47.6	47.6	50.2	49.7	49.7	53.3	53.9	51.8	45.6	45.6	45.6	45.6
Rec_184-G	5	56.1	58.7	59.1	60.9	58.4	56.2	55.5	57.3	56.7	53.4	52.7	54.5	55.1	53.7	50.7	51.3	51.6	50.6	46.4	47.4	51.4	50.6	46.3	49.5	49.5	46.6	46.6	49.2	48.7	48.7	52.3	52.8	50.7	44.6	44.6	44.6	44.6
Rec_185-G	5	57.3	60.0	60.0	60.5	58.8	56.8	56.1	57.6	56.9	54.2	53.4	55.5	56.0	53.9	49.9	50.7	51.1	50.1	45.6	46.5	51.0	50.7	46.6	49.8	49.8	46.9	46.9	49.5	49.0	49.0	52.6	53.1	51.0	45.0	45.0	45.0	45.0
Rec_186-G	5	56.8	59.3	59.1	60.8	58.6	56.5	55.7	57.6	57.0	53.9	53.2	55.1	55.7	54.1	50.8	51.5	51.7	50.7	46.7	47.7	51.6	50.9	46.6	49.8	49.8	46.9	46.9	49.5	49.0	49.0	52.6	53.1	51.0	44.9	44.9	44.9	44.9
Rec_187-G	5	57.1	60.0	60.3	61.1	59.3	56.9	56.5	58.4	57.9	54.5	53.8	55.8	56.2	54.3	50.6	51.4	51.7	50.6	46.9	48.0	52.0	51.4	47.3	50.5	50.5	47.6	47.6	50.2	49.7	49.7	53.3	53.7	51.5	45.6	45.6	45.6	45.6
Rec_188-G	5	50.3	52.9	53.0	57.4	53.4	50.8	50.1	58.8	59.9	51.6	51.3	53.5

Ontario Regional Sports Complex EIR
Construction Noise Analysis, Predicted Daytime Construction Noise Levels by Month for All Receptors, 8-hour Leq

Receptor	Receptor Group	Cumulative Construction Noise Levels by Month, Maximum Hourly Leq, dBA																														
		9/1/2024 9/30/2024	10/1/2024 10/31/2024	11/1/2024 11/30/2024	12/1/2024 12/31/2024	1/1/2025 1/31/2025	2/1/2025 2/28/2025	3/1/2025 3/31/2025	4/1/2025 4/30/2025	5/1/2025 5/31/2025	6/1/2025 6/30/2025	7/1/2025 7/31/2025	8/1/2025 8/31/2025	9/1/2025 9/30/2025	10/1/2025 10/31/2025	11/1/2025 11/30/2025	12/1/2025 12/31/2025	1/1/2026 1/31/2026	2/1/2026 2/28/2026	3/1/2026 3/31/2026	4/1/2026 4/30/2026	5/1/2026 5/31/2026	6/1/2026 6/30/2026	7/1/2026 7/31/2026	8/1/2026 8/31/2026	9/1/2026 9/30/2026	10/1/2026 10/31/2026	11/1/2026 11/30/2026	12/1/2026 12/31/2026	1/1/2027 1/31/2027	2/1/2027 2/28/2027	3/1/2027 3/31/2027	4/1/2027 4/30/2027	5/1/2027 5/31/2027	6/1/2027 6/30/2027	7/1/2027 7/31/2027	8/1/2027 8/31/2027	9/1/2027 9/30/2027
Rec_247-G	2	63.6	61.5	62.0	62.2	63.5	62.8	59.1	59.4	57.7	57.8	57.3	59.4	59.1	53.8	51.8	53.6	54.1	53.5	43.9	41.1	44.1	41.8	36.4	39.6	39.6	36.8	36.8	39.4	38.9	38.9	42.5	43.3	41.4	34.9	34.9	34.9	34.9
Rec_248-G	2	63.0	61.7	61.8	61.4	62.9	62.1	59.3	59.4	57.7	57.6	57.1	59.5	59.1	53.3	51.2	53.2	53.5	52.8	42.9	41.1	44.1	41.8	36.4	39.6	39.6	36.8	36.8	39.4	38.9	38.9	42.6	43.4	41.4	35.0	35.0	35.0	35.0
Rec_249-G	2	63.8	63.1	62.8	62.3	63.5	62.9	60.7	60.9	59.4	59.5	58.8	61.3	60.9	54.4	52.6	54.4	54.8	54.1	44.7	42.5	45.7	43.8	38.9	42.1	42.1	39.3	39.3	41.9	41.4	41.4	45.0	45.7	43.6	37.4	37.4	37.4	37.4
Rec_250-G	2	61.2	60.0	60.5	60.6	61.4	61.0	58.0	58.2	56.5	56.5	55.8	58.2	57.7	51.8	50.1	51.5	52.1	51.6	43.1	40.2	43.4	41.3	36.0	39.2	39.2	36.4	36.4	39.0	38.5	38.5	42.1	43.0	41.0	34.5	34.5	34.5	34.5
Rec_251-G	2	55.1	54.6	56.2	56.3	54.9	54.8	52.1	53.5	52.8	53.3	52.4	54.4	53.9	48.7	47.9	48.9	49.5	42.5	39.8	35.1	38.3	38.3	35.4	35.4	37.9	37.4	37.4	41.0	41.4	39.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3
Rec_252-G	2	53.7	51.8	51.7	52.5	52.8	52.4	47.3	49.1	48.1	48.5	46.9	47.9	48.0	44.4	43.1	43.8	44.7	44.5	36.0	30.0	33.0	30.7	25.2	28.5	28.5	25.7	25.7	28.3	27.8	27.8	31.5	32.3	30.3	23.9	23.9	23.9	23.9
Rec_253-G	2	54.6	53.2	52.6	53.1	53.7	53.3	49.5	50.0	48.5	48.7	47.6	49.5	49.3	44.4	42.5	44.0	44.6	44.1	34.7	30.6	34.3	32.5	26.7	30.0	30.0	27.2	27.2	29.8	29.4	29.4	33.1	34.2	32.4	25.6	25.6	25.6	25.6
Rec_254-G	2	62.1	61.1	61.5	62.2	62.5	62.1	58.6	59.3	57.7	57.6	56.7	58.7	58.4	53.6	51.8	53.0	53.7	53.3	45.0	42.2	45.2	42.9	37.5	40.7	40.7	37.9	37.9	40.5	40.0	40.0	43.6	44.4	42.5	36.0	36.0	36.0	36.0
Rec_255-G	2	59.6	58.5	59.9	60.6	60.4	60.1	56.8	57.6	56.0	55.8	55.0	57.0	56.6	52.2	50.5	51.7	52.4	52.0	44.1	41.4	44.1	41.1	35.4	38.6	38.6	35.7	35.7	38.3	37.9	37.9	41.5	42.3	40.4	33.9	33.9	33.9	33.9
Rec_256-G	2	60.4	59.2	59.3	60.7	60.6	60.3	56.4	57.3	55.8	55.7	54.6	56.5	56.2	51.8	50.4	51.2	52.0	51.6	44.2	42.0	44.8	42.0	36.5	39.7	39.7	36.8	36.8	39.4	39.0	39.0	42.6	43.4	41.4	35.0	35.0	35.0	35.0
Rec_257-G	2	60.4	59.6	60.3	60.9	61.1	60.6	57.2	58.0	56.3	56.1	55.2	57.2	56.9	52.6	50.6	51.7	52.4	52.0	44.0	41.6	44.6	42.2	36.7	39.9	39.9	37.1	37.1	39.7	39.2	39.2	42.8	43.7	41.7	35.2	35.2	35.2	35.2
Rec_258-G	2	60.4	57.7	59.3	61.7	61.0	61.2	55.4	57.3	55.9	55.6	54.5	55.7	55.4	52.7	51.1	51.9	52.8	52.6	45.3	42.2	44.4	40.3	34.2	37.4	37.4	34.5	34.5	37.1	36.6	36.6	40.2	40.8	38.8	32.6	32.6	32.6	32.6
Rec_259-G	2	60.9	60.3	61.0	61.7	61.6	61.2	58.2	58.8	57.3	57.1	56.2	58.3	57.9	53.1	51.4	52.5	53.2	52.8	45.0	42.7	45.7	43.3	37.8	41.0	41.0	38.2	38.2	40.8	40.4	40.4	44.0	44.9	42.9	36.4	36.4	36.4	36.4
Rec_260-G	2	59.1	57.7	58.0	59.7	59.3	59.3	54.7	56.1	54.8	54.5	53.3	55.1	54.6	50.5	49.0	49.7	50.6	50.4	43.0	40.0	42.5	39.3	33.5	36.7	36.7	33.9	33.9	36.5	36.0	36.0	39.6	40.4	38.4	32.0	32.0	32.0	32.0
Rec_261-G	2	59.3	58.6	58.9	59.4	59.6	59.2	56.1	56.8	55.2	54.9	54.0	56.0	55.7	51.0	49.0	50.2	50.9	50.4	42.3	39.7	42.7	40.3	35.0	38.2	38.2	35.3	35.3	37.9	37.5	37.5	41.1	41.9	39.9	33.5	33.5	33.5	33.5
Rec_262-G	2	55.7	54.6	56.0	57.3	56.2	56.0	52.0	53.4	52.1	52.2	51.1	52.4	52.2	49.0	47.7	48.5	49.3	49.0	41.9	39.9	42.2	38.6	32.9	36.1	36.1	33.2	33.2	35.8	35.3	35.3	38.9	39.6	37.5	31.3	31.3	31.3	31.3
Rec_263-G	2	60.3	59.5	60.3	61.2	60.9	60.6	57.3	58.3	56.9	56.5	55.5	57.6	57.1	52.5	50.7	51.7	52.5	52.1	44.3	41.8	44.7	42.2	37.2	40.4	40.4	37.5	37.5	40.1	39.6	39.6	43.2	43.8	41.7	35.5	35.5	35.5	35.5
Rec_264-G	2	59.3	58.5	59.1	60.4	59.9	59.8	56.0	57.2	55.9	55.2	54.2	56.0	55.6	51.7	50.0	50.9	51.7	51.4	43.7	41.0	43.5	40.3	34.4	37.6	37.6	34.8	34.8	37.4	36.9	36.9	40.5	41.3	39.4	32.9	32.9	32.9	32.9
Rec_265-G	2	56.5	56.0	57.2	57.6	57.5	57.0	54.1	54.6	52.8	52.6	51.9	53.8	53.6	49.4	47.5	48.8	49.4	49.0	40.8	38.4	41.4	38.9	33.4	36.6	36.6	33.8	33.8	36.4	35.9	35.9	39.5	40.3	38.4	31.9	31.9	31.9	31.9
Rec_266-G	2	55.8	55.7	56.7	56.6	56.2	55.5	52.9	53.4	51.9	52.1	51.4	53.1	52.9	48.5	46.9	48.3	48.9	48.5	40.3	37.7	40.8	38.5	33.3	36.5	36.5	33.7	33.7	36.3	35.8	35.8	39.4	40.2	38.2	31.8	31.8	31.8	31.8
Rec_267-G	2	56.7	56.3	56.4	55.6	56.6	55.7	53.3	53.6	51.9	51.9	51.1	53.1	53.0	47.9	45.5	47.1	47.5	46.8	37.4	35.3	39.2	38.0	33.1	36.3	36.3	33.5	33.5	36.1	35.6	35.6	39.2	40.0	38.0	31.6	31.6	31.6	31.6
Rec_268-G	2	56.7	56.6	55.7	54.7	56.5	55.2	53.1	53.3	51.6	51.7	51.2	53.1	53.1	53.3	48.7	45.8	47.9	48.1	47.1	36.0	35.4	39.3	38.5	34.2	37.4	37.4	34.5	34.5	37.1	36.6	36.6	40.2	40.7	38.5	32.5	32.5	32.5
Rec_269-G	2	59.2	58.5	58.6	58.1	58.6	57.7	55.5	55.8	54.4	54.7	54.1	56.1	55.9	50.8	49.0	50.7	51.2	50.6	42.0	40.2	42.7	39.3	33.7	36.9	36.9	34.1	34.1	36.7	36.2	36.2	39.8	40.5	38.5	32.2	32.2	32.2	32.2
Rec_271-G	2	59.7	58.9	59.9	60.6	60.5	60.1	56.8	57.6	55.9	55.6	54.7	56.6	56.3	52.1	50.2	51.3	52.0	51.6	43.8	41.6	44.4	41.8	36.5	39.7	39.7	36.9	36.9	39.5	39.0	39.0	42.6	43.3	41.3	35.0	35.0	35.0	35.0
Rec_272-G	2	59.9	58.9	60.5	61.2	61.1	60.7	57.4	58.1	56.3	55.8	55.2	57.2	56.8	52.6	50.7	51.9	52.7	52.2	44.5	42.3	45.2	42.5	37.0	40.2	40.2	37.4	37.4	40.0	39.5	39.5	43.1	43.9	42.0	35.5	35.5	35.5	35.5
Rec_273-G	2	59.0	58.2	58.4	57.7	58.9	58.2	55.4	55.6	53.8	53.9	53.0	55.2	55.0	49.4	46.9	48.5	49.1	48.6	38.5	30.9	38.0	38.8	34.3	37.5	37.5	34.7	34.7	37.3	36.8	36.8	40.4	41.2	39.2	32.8	32.8	32.8	32.8
Rec_274-G	2	59.6	58.7	60.0	60.8	60.7	57.0	57.8	58.0	55.5	54.8	54.8	56.8	56.5	52.4	50.4	51.6	52.3	51.8	44.0	41.8	44.6	42.0	36.5	39.7	39.7	36.9	36.9	39.5	39.1	39.1	42.7	43.4	41.4	35.0	35.0	35.0	35.0
Rec_275-G	2	58.9	57.8	55.9	57.2	57.6	57.6	52.2	53.9	53.0	53.0	51.1	52.5	52.3	48.2	46.8	47.3	48.3	48.0	39.9	34.5	38.2	36.3	29.8	33.1	33.1	30.4	30.4	33.1	32.7	32.7	36.4	37.8	36.2	28.9	28.9	28.9	28.9
Rec_276-G	2	58.6	57.1	55.0	57.0	57.2	57.2	51.6	53.7	52.9	53.0	51.3	52.6	52.4	48.6	47.0	47.7	48.6	48.3	39.6	32.8	35.6	32.4	25.8	29.1	29.1	26.3	26.3	28.9	28.5	28.5	32.2	33.4	31.6	24.7	24.7	24.7	24.7
Rec_277-G	2	59.9	58.3	56.6	58.6	58.8	58.8	54.2	55.8	54.8	54.8	53.6	55.3	55.1	50.8	49.2	50.2	50.9	50.5	42.5	39.5	41.7	37.8	32.1	35.3	35.3	32.4	32.4	35.0	34.5	34.5	38.1	38.6	36.5	30.5	30.5	30.5	30.5
Rec_278-G	2	53.9	54.4	54.0	54.0	53.3	53.1	50.6	51.4	50.4	50.5	49.3	51.3	50.9	46.1	44.7	45.5	46.3	45.9	39.3	38.0	40.9	38.6	33.5	36.7	36.7	33.8	33.8	36.3	35.8	35.8	39.4	40.1	38.1	31.7	31.7	31.7	31.7
Rec_279-G	2	53.7	52.8	50.3	51.9	52.0	51.8	46.6	48.5	47.7	47.6	46.1	47.2	47.2	43.6	41.7	42.5	43.4	43.1	34.4	28.7	31.7	29.2	23.7	26.9	26.9	24.1	24.1	26.7	26.3	26.3	29.9	30.7	28.7	22.3	22.3	22.3	22.3
Rec_280-G	2	61.4	60.2	61.3	62.2	62.2	61.9	58.2	59.0	57.3	56.9	56.1	58.1	57.8	53.5	51.7	52.8	53.6	53.1	45.4	43.0	45.9	43.4	38.1	41.3	41.3	38.5	38.5	41.1	40.6	40.6	44.2	45.0	43.0	36.6	36.6	36.6	36.6
Rec_281-G	2	56.6	54.5	55.2	57.4	56.6	56.6	50.8	52.9	51.8	51.7	50.6	51.4	51.5	49.2	48.0	48.9	49.8	49.5	42.3	39.7	41.7	36.9	30.4	33.6	33.6	30.8	30.8	33.4	32.9	32.9	36.5	37.1	35.0	28.9	28.9	28.9	28.9
Rec_282-G	2	54.0	52.8	54.0	55.1	53.7	53.4	49.5	51.1	50.2	50.7	49.5	50.7	50.7	47.3	46.3	47.2	48.0	47.7	40.5	38.4	40.9	37.9	33.1	36.3	36.3	33.4	33.4	36.0	35.5	35.5	39.0	39.5	37.2	31.3	31.3	31.3	31.3
Rec_283-G	2	55.5	55.2	55.5	55.4	55.5	54.9	52.2	52.6	51.0	51.2	50.3	52.3	52.1	47.6	45.6	46.8	47.4	46.8	38.8	37.1	40.4	38.2	32.3	35.6	35.6	32.8	32.8	35.4	35.0	35.0	38.7	39.8	38.0	31.1	31.1	31.1	31.1
Rec_284-G	2	60.2	59.5	59.2	59.8	60.1	59.7	56.2	57.0	55.4	55.4	54.3	56.2	56.0	51.5	49.6	50.7	51.4	50.9	42.7	40.2	43.2	40.8	35.4	38.6	38.6	35.8	35.8	38.4	37.9	37.9	41.5	42.3	40.4	33.9	33.9	33.9	33.9
Rec_285-G	2	59.1	58.3	58.4	60.0	59.5	59.3	55.0	56.5	55.1	54.6	53.3	54.9	54.7	51.3	49.6	50.4	51.2	50.9	43.6	41.0	43.8	41.2	35.9	39.1	39.1	36.2	36.2	38.8	38.4	38.4	42.0	42.7	40.7	34.4	34.4	34.4	34.4
Rec_286-G	2	55.9	55.5	51.1	53.1	53.1	53.1	47.4	51.0	51.0	50.7	47.8	48.7	48.9	45.2	44.0	43.5	44.5	44.3	36.5	32.2	34.8	31.8	26.0	29.3	29.3	26.5	26.5	29.1	28.6	28.6	32.3	33.0	31.1	24.7	24.7	24.7	24.7
Rec_287-G	2	58.6	57.9	58.3	58.9	58.8	58.4	54.9	55.9	54.5	54.2	53.3	55.0	54.8	50.4	49.0	50.2	50.9	50.4	42.4	40.0	42.6	39.4	33.7	36.9	36.9	34.1	34.1	36.7	36.2	36.2	39.8	40.6	38.6	32.2	32.2	32.2	32.2
Rec_288-G	2	53.4	51.9	52.5	54.9	54.1	53.9	49.6	50.8	49.2	48.7	47.8	49.3	49.3	46.5	44.9	45.8	46.4	46.0	39.3	38.4	40.7	36.7	30.7	33.9	33.9	31.0	31.0	33.6	33.2	33.2	36.8	37.5	35.4	29.2	29.2	29.2	29.2
Rec_289-G	1	63.2	62.3	60.3	62.2	61.4	61.4	55.8	59.0	58.5	58.5	56.1	56.9	56.8	53.5	52.1	52.0	53.0	52.8	45.1	40.9	43.8	41.0	34.9	38.2	38.2	35.4	35.4	38.0	37.5	37.5	41.2	42.3	40.5	33.6	33.6	33.6	33.6
Rec_290-G	1	66.6	65.2	63.3	64.9	64.4	64.3	58.0	61.3	60.9	61.0	58.4	59.1	59.1	55.7	54.5	54.1	55.2	55.0	47.4	43.3	46.2	43.3	37.3	40.6	40.6	37.8	37.8	40.4	39.9	39.9	43.6	44.5	42.7	36.0	36.0	36.0	36.0
Rec_291-G	1	67.9	66.4	63.9	65.6	65.4	65.3	58.7	62.2	61.9	62.1	59.2	59.9	60.0	56.5	55.3	54.7	55.8	55.6	47.9	43.5	46.3	43.4	37.4	40.6	40.6	37.8	37.8	40.4	40.0	40.0	43.6	44.6	42.7	36.0	36.0	36.0	36.0
Rec_292-G	1	62.9	63.0	61.6	63.0	61.5	61.6	57.3	59.8	59.2	59.2	57.0	58.0	57.9	54.6	53.2	54.2	54.0	53.8	46.6	43.5	45.9	42.2	35.7	39.0	39.0	36.2	36.2	38.8	38.3	38.3	41.9	42.9	41.0	34.3	34.3	34.3	34.3
Rec_293-G	1	63.9	63.3	62.0	62.4	62.4	57.7	60.2	59.5	59.4	57.2	58.2	58.1	54.7	53.3	53.3	54.3	54.1	46.5	43.0	45.8	42.8	36.9	40.1	40.1	40.1	37.3	37.3	39.9	39.4	39.4	43.0	44.0	42.1	35.4	35.4	35.4	35.4
Rec_294-G	1	63.1	62.7	61.5	63.0	61.9	61.9	57.4	59.7	59.0	58.8	56.7	57.8	57.6	54.3	52.8	52.9	53.8	53.6	46.1	42.9	45.7	42.7	36.7	40.0	40.0	37.2	37.2	39.8	39.3	39.3	42.9	43.9	42.0	35.3	35.3	35.3	35.3
Rec_295-G	1	62.5	62.0	60.9	62.5	61.4	61.4	56.5	59.1	58.4	58.1	56.0	57.1	56.9	53.7	52.2	52.4	53.4	53.1	45.7	42.6	45.4	42.5	36.6	39.9	39.9	37.1	37.1	39.7	39.2	39.2	42.8	43.7	41.9	35.2	35.2	35.2	35.2
Rec_296-G	1	61.9	61.5	60.6	62.1	61.0	61.0	56.3	58.7	57.9	57.5	55.5	56.6	56.4	53.2	51.7	51.9	52.9	52.6	45.3	42.1	45.0	42.4	36.6	39.8	39.8	37.0	37.0	39.6	39.2	39.2	42.8	43.7	41.9	35.2	35.2	35.2	35.2
Rec_297-G	1	61.6	61.3	60.5	61.9	60.7	60.8	56.5	58.6	57.8	57.3	55.5	56.6	56.4	53.1	51.5	51.8	52.7	52.5	45.1	42.0	44.9	42.2	36.4	39.7	39.7	36.9	36.9	39.5	39.0	39.0	42.6	43.6	41.7	35.0	35.0	35.0	35.0
Rec_298-G	1	60.9	60.6	59.9	61.4	60.2	60.2	55.7	58.0	57.3	56.7	54.8	56.0	55.8	52.7	51.0	51.4	52.3	52.0	44.7	41.9	44.8	42.0	36.2	39.4	39.4	36.6	36.6	39.2	38.8	38.8	42.4	43.3	41.5	34.8	34.8	34.8	34.8
Rec_299-G	1	60.6	60.4	59.7	61.2	60.0	60.0	55.7	58.0	57.2	56.5	54.7	55.9	55.7	52.5	50.8	51.2	52.1	51.9	44.5	41.7	44.5	41.6	35.9	39.1	39.1	36.3	36.3	38.9	38.4	38.4	42.0	42.9	41.0	34.4	34.4	34.4	34.4
Rec_300-G	1	60.2	60.0	59.4	60.9	59.7	59.7	55.5	57.7	56.9	56.1	54.4	55.6	55.4	52.3	50.5	50.9	51.9	51.6	44.3	41.7	44.4	41.4	35.7	38.9	38.9	36.1	36.1	38.7	38.3	38.3	41.9	42.7	40.8	34.3	34.3	34.3	34.3
Rec_301-G	1	59.9	59.8	59.3	60.8	59.5	59.5	55.5	57.7	56.9	56.1	54.4	55.7	55.4	52.2	50.5	50.9	51.9	51.6	44.2	41.6	44.3	41.4	35.7	38.9	38.9	36.1	36.1	38.7	38.2	38.2	41.8	42.7	40.7	34.2	34.2	34.2	34.2
Rec_302-G	1	59.4	59.1	58.4	60.3	59.0	59.0	54.6	57.0	56.3	55.4	53.7	54.9	54.6	51.7	50.0	50.4	51.3	51.0	43.8	41.4	44.1	41.2	35.6	38.8	38.8	36.0	36.0	38.6	38.1	38.1	41.7	42.5	40.6	34.1	34.1	34.1	34.1
Rec_303-G	1	59.5	59.4	59.0	60.5	59.2	59.1	55.1	57.2	56.4	55.5	53.9	55.1	54.9	51.8	50.0	50.5	51.4	51.1	43.9	41.4	44.1	41.1	35.4	38.6	38.6	35.8	35.8	38.4	37.9	37.9	41.5	42.3	40.4	33.9	33.9	33.9	33.9
Rec_304-G	1	56.8	57.0	56.4	58.7	56.8	57.1	52.2	54.7	53.7	53.1	51.3	52.3	52.2	49.2	47.2	48.4	49.1	48.6	40.5	37.9	41.2	39.4	34.1	37.3	37.3	34.5	34.5	37.1	36.6	36.6	40.2	41.0	38.8	32.6	32.6	32.6	32.6
Rec_305-G	1	57.7	56.9	57.1	58.4	57.6	57.5	53.1	54.8	53.8	53.8	52.4	53.7	53.6	50.1	48.8	49.6	50.5	50.2	42.8	39.9	42.5	39.6	34.5	37.7	37.7	34.9	34.9	37.5	37.0	37.0	40.6	41.1	39.0	33.0	33.0	33.0	33.0
Rec_306-G	1	57.7	56.9	57.1	58.4	57.6	57.5	53.1	54.8	53.8	53.7	52.4	53.7	53.6	50.1	48.8	49.6	50.5	50.2	42.8	39.9	42.5	39.6	34.5	37.7	37.7	34.9	34.9	37.5	37.0	37.0	40.6	41.1	39.0	33.0	33.0	33.0	33.0
Rec_307-G	1	52.8	50.5	53.0	54.1	52.3	52.1	46.3	48.2	47.2	48.4	47.1	47.3	47.2	45.2	44.6	45.4	46.4	46.1	39.5	37.3	40.2	37.9	33.1	36.3	36.3	33.4	33.4	35.9	35.4	35.4	38.9	39.5	37.4	31.2	31.2	31.2	31.2
Rec_308-G	1	57.9	56.9	56.9	58.2	57.7	57.5	53.0	54.6	53.3	53.2	51.8	53.2	53.0	49.5	48.0	48.8	49.7	49.4	41.6	38.0	41.3	39.5	34.3	37.5	37.5	34.7	34.7	37.3	36.8	36.8	40.4	41.2	39.3	32.8	32.8	32.8	32.8
Rec_309-G	1	58.7	58.0	56.9	58.4	58.1	57.9	53.7	55.2	54.0	53.9	52.4	53.8	53.7	50.1	48.5	49.2	50.0	49.6	42.2	39.7	42.5	39.9	34.7	37.9	37.9	35.0	35.0	37.6	37.1	37.1	40.7	41.4	39.3	33.0	33.0	33.0	33.0
Rec_310-G	1	55.7	56.2	55.3	57.9	55.4	55.9	51.0	54.0	53.3	52.7	50.9	51.6	51.4	49.2	47.7	48.1	49.2	49.0	41.7	38.5	41.3	38.5	32.7	35.9	35.9	33.1	33.1	35.7	35.3	35.3	38.9	39.8	37.9	31.3	31.3	31.3	31.3
Rec_311-G	1	56.8	55.9	55.7	57.3	56.9	56.6	52.4	53.7	52.2	51.9	50.9	52.5	52.4	48.9	47.3	48.2	49.0	48.6	41.3	39.2	41.7	38.8	33.9	37.1	37.1	34.2	34.2	36.8	36.3	36.3	39.9	40.3	38.1	32.2	32.2	32.2	32.2
Rec_312-G	1	58.3	56.5	57.0	57.7	58.4	58.0	53.9	54.4	52.5	52.8	51.9	53.7

Ontario Regional Sports Complex EIR
Construction Noise Analysis, Predicted Daytime Construction Noise Levels by Month for All Receptors, 8-hour Leq

		Cumulative Construction Noise Levels by Month, Maximum Hourly Leq, dBA																																	
Receptor	Receptor Group	9/1/2024 9/30/2024	10/1/2024 10/31/2024	11/1/2024 11/30/2024	12/1/2024 12/31/2024	1/1/2025 1/31/2025	2/1/2025 2/28/2025	3/1/2025 3/31/2025	4/1/2025 4/30/2025	5/1/2025 5/31/2025	6/1/2025 6/30/2025	7/1/2025 7/31/2025	8/1/2025 8/31/2025	9/1/2025 9/30/2025	10/1/2025 10/31/2025	11/1/2025 11/30/2025	12/1/2025 12/31/2025	1/1/2026 1/31/2026	2/1/2026 2/28/2026	3/1/2026 3/31/2026	4/1/2026 4/30/2026	5/1/2026 5/31/2026	6/1/2026 6/30/2026	7/1/2026 7/31/2026	8/1/2026 8/31/2026	9/1/2026 9/30/2026	10/1/2026 10/31/2026	11/1/2026 11/30/2026	12/1/2026 12/31/2026	1/1/2027 1/31/2027	2/1/2027 2/28/2027	3/1/2027 3/31/2027	4/1/2027 4/30/2027	5/1/2027 5/31/2027	6/1/2027 6/30/2027	7/1/2027 7/31/2027	8/1/2027 8/31/2027	9/1/2027 9/30/2027
Rec_371-G	1	56.4	56.1	56.6	57.7	57.0	56.7	53.3	54.3	52.7	52.5	51.5	53.1	53.0	49.3	47.4	48.4	49.1	48.7	41.1	39.0	41.9	39.3	33.8	37.0	37.0	34.2	34.2	36.8	36.4	36.4	40.0	40.8	38.8	32.4	32.4	32.4	32.4
Rec_372-G	1	57.4	57.2	58.0	58.9	58.4	58.0	54.8	55.7	54.0	53.8	52.7	54.4	54.2	50.3	48.5	49.5	50.3	50.0	42.1	39.0	42.3	40.5	35.3	38.5	38.5	35.7	35.7	38.3	37.8	37.8	41.4	42.2	40.3	33.8	33.8	33.8	33.8
Rec_373-G	1	57.8	57.5	57.5	58.5	58.2	57.9	54.6	55.5	54.0	53.8	52.8	54.5	54.3	50.3	48.3	49.4	50.1	49.6	41.7	39.3	42.3	39.9	34.4	37.6	37.6	34.8	34.8	37.4	37.0	37.0	40.6	41.4	39.5	33.0	33.0	33.0	33.0
Rec_374-G	1	54.6	54.0	54.6	57.0	55.4	55.6	50.4	52.7	51.4	51.0	49.5	50.3	50.1	48.1	46.5	47.0	48.1	47.9	40.8	38.0	40.8	38.0	32.3	35.5	35.5	32.7	32.7	35.3	34.8	34.8	38.5	39.3	37.4	30.9	30.9	30.9	30.9
Rec_375-G	1	51.8	52.2	52.6	52.5	51.5	51.2	49.7	50.5	49.6	49.9	49.0	51.1	50.9	46.0	44.3	45.7	46.4	45.9	37.7	35.1	38.5	36.4	30.4	33.6	33.5	33.5	33.5	36.0	35.5	35.5	39.1	39.5	37.2	31.4	31.4	31.4	31.4
Rec_376-G	1	58.6	58.4	57.4	59.0	58.1	58.0	53.9	56.1	55.2	54.6	53.0	54.2	54.1	50.7	48.9	49.5	50.4	50.0	42.3	39.1	42.0	39.4	34.0	37.2	37.2	34.4	34.4	37.0	36.5	36.5	40.1	40.9	38.9	32.5	32.5	32.5	32.5
Rec_377-G	1	55.4	55.2	54.7	55.8	55.1	54.7	51.2	52.6	51.5	51.0	49.8	51.3	51.3	47.8	46.0	46.9	47.6	47.2	39.9	38.2	40.9	38.4	33.4	36.6	36.6	33.8	33.8	36.4	35.9	35.9	39.5	40.0	37.9	31.8	31.8	31.8	31.8
Rec_378-G	1	55.1	54.7	54.1	56.2	54.9	55.0	50.7	52.7	51.8	51.2	49.8	51.1	51.0	48.1	46.5	47.1	48.0	47.6	40.5	38.5	41.0	37.8	32.5	35.7	35.7	32.8	32.8	35.4	34.9	34.9	38.5	39.1	37.0	30.8	30.8	30.8	30.8
Rec_379-G	1	54.2	53.5	54.2	55.3	54.7	54.2	51.8	52.4	50.9	50.9	50.1	52.1	52.0	47.7	45.6	46.8	47.3	46.7	38.5	37.2	39.9	37.0	31.6	34.8	34.8	32.0	32.0	34.6	34.1	34.1	37.7	38.4	36.4	30.1	30.1	30.1	30.1
Rec_380-G	1	58.2	57.4	57.4	59.5	58.5	58.6	54.0	55.8	54.7	54.0	52.7	54.0	53.8	50.8	49.3	50.0	50.9	50.6	43.4	40.9	43.2	39.4	33.2	36.4	36.4	33.6	33.6	36.2	35.7	35.7	39.3	40.1	38.1	31.7	31.7	31.7	31.7
Rec_381-G	1	61.4	60.0	60.3	61.2	61.4	61.0	56.9	58.0	56.6	56.3	55.1	56.8	56.5	52.5	50.7	51.6	52.4	52.0	44.2	41.7	44.5	41.8	36.3	39.5	39.5	36.7	36.7	39.3	38.8	38.8	42.4	43.2	41.3	34.8	34.8	34.8	34.8
Rec_382-G	1	61.1	59.7	60.0	61.0	61.1	60.7	56.7	57.8	56.4	56.1	54.9	56.6	56.3	52.3	50.5	51.4	52.1	51.7	43.9	41.6	44.4	41.7	36.2	39.4	39.4	36.6	36.6	39.2	38.7	38.7	42.3	43.1	41.2	34.7	34.7	34.7	34.7
Rec_383-G	1	58.0	57.0	57.6	57.8	57.9	57.2	54.1	54.7	53.2	53.4	52.5	54.1	54.0	49.8	48.3	49.5	50.1	49.6	41.7	39.7	42.1	38.8	33.1	36.3	36.3	33.5	33.5	36.1	35.6	35.6	39.2	39.9	37.9	31.6	31.6	31.6	31.6
Rec_384-G	1	53.9	54.3	50.4	52.6	50.8	51.4	45.9	50.1	50.2	49.7	47.2	47.8	47.9	44.8	43.6	43.4	44.5	44.4	36.6	31.0	33.6	30.5	24.5	27.7	27.7	24.9	24.9	27.5	27.1	27.1	30.7	31.6	29.6	23.1	23.1	23.1	23.1
Rec_385-G	1	59.5	58.4	58.1	59.0	59.1	58.8	55.0	56.3	55.1	54.7	53.4	55.2	55.0	50.6	48.7	49.7	50.4	50.0	41.8	38.8	41.7	39.3	33.8	37.0	37.0	34.2	34.2	36.8	36.3	36.3	39.9	40.7	38.8	32.3	32.3	32.3	32.3
Rec_386-G	1	59.8	59.1	59.3	59.5	59.8	59.3	56.0	56.9	55.5	55.2	54.0	55.9	55.6	51.0	49.0	50.1	50.8	50.3	41.9	38.8	42.1	40.1	34.9	38.1	38.1	35.3	35.3	37.9	37.4	37.4	41.0	41.8	39.9	33.4	33.4	33.4	33.4
Rec_387-G	1	59.1	58.3	59.0	59.2	59.5	59.0	56.0	56.5	54.9	54.6	53.7	55.7	55.3	50.7	48.6	49.8	50.5	50.0	41.6	38.7	42.2	40.5	35.4	38.6	38.6	35.8	35.8	38.4	37.9	37.9	41.5	42.3	40.4	33.9	33.9	33.9	33.9
Rec_388-G	1	58.8	57.5	57.8	59.2	58.9	58.7	54.3	55.8	54.6	53.9	52.7	54.3	54.1	50.7	49.0	49.8	50.5	50.2	42.8	40.9	43.3	39.5	33.3	36.5	36.5	33.7	33.7	36.3	35.8	35.8	39.4	40.3	38.3	31.8	31.8	31.8	31.8
Rec_389-G	1	51.7	51.2	51.4	53.2	52.1	52.2	49.4	50.6	49.4	49.4	48.5	50.5	50.3	46.1	44.5	45.6	46.3	45.8	38.6	37.2	39.4	35.5	30.2	33.3	33.3	30.4	30.4	32.9	32.4	32.4	35.9	36.3	34.0	28.1	28.1	28.1	28.1
Rec_390-G	1	56.1	55.7	55.6	56.5	56.3	56.0	53.4	54.1	52.6	52.4	51.6	53.6	53.5	49.0	47.0	48.2	48.8	48.3	40.4	38.6	41.6	39.3	34.2	37.4	37.4	34.6	34.6	37.2	36.8	36.8	40.4	41.1	39.0	32.8	32.8	32.8	32.8
Rec_391-G	1	51.8	51.5	51.2	52.4	50.6	50.5	46.5	48.9	48.3	48.6	47.0	47.9	48.1	45.3	44.2	44.9	45.8	45.4	38.5	36.6	39.0	36.0	31.2	34.4	34.4	31.5	31.5	34.0	33.4	33.4	36.9	37.3	35.1	29.2	29.2	29.2	29.2
Rec_392-G	1	55.7	54.8	54.9	56.1	56.1	55.7	51.8	52.7	51.1	50.6	49.6	51.5	51.3	47.6	45.7	46.7	47.4	46.9	39.5	37.9	40.7	38.2	33.1	36.3	36.3	33.5	33.5	36.1	35.6	35.6	39.2	39.8	37.7	31.6	31.6	31.6	31.6
Rec_393-G	1	56.4	55.9	56.4	57.9	57.2	56.8	53.4	54.4	52.8	52.5	51.5	53.2	53.1	49.6	47.7	48.7	49.4	48.9	41.7	40.2	43.0	40.4	35.2	38.4	38.4	35.6	35.6	38.2	37.7	37.7	41.3	41.9	39.8	33.6	33.6	33.6	33.6
Rec_394-G	1	57.4	57.2	57.4	58.4	57.9	57.6	54.6	55.5	54.1	53.7	52.8	54.6	54.4	50.4	48.5	49.6	50.3	49.8	42.5	40.9	43.8	41.3	36.0	39.2	39.2	36.4	36.4	38.9	38.4	38.4	42.0	42.8	40.8	34.4	34.4	34.4	34.4
Rec_395-G	1	57.1	56.7	57.1	58.6	57.9	57.7	54.1	55.4	54.0	53.3	52.3	53.9	53.7	50.3	48.5	49.4	50.1	49.7	42.3	40.3	43.1	40.3	34.6	37.8	37.8	35.0	35.0	37.6	37.1	37.1	40.8	41.6	39.7	33.2	33.2	33.2	33.2
Rec_396-G	1	56.6	56.5	55.9	56.9	56.8	56.3	53.1	54.2	52.9	52.4	51.2	52.9	52.8	48.8	46.7	47.7	48.3	47.9	39.8	37.5	41.1	39.6	34.6	37.8	37.8	35.0	35.0	37.6	37.1	37.1	40.7	41.5	39.5	33.1	33.1	33.1	33.1
Rec_397-G	1	54.5	54.4	54.8	55.8	55.1	54.5	51.8	52.8	51.4	51.1	50.0	51.7	51.7	47.9	46.2	47.2	47.9	47.4	40.2	38.6	41.4	39.0	34.1	37.3	37.3	34.5	34.5	37.1	36.6	36.6	40.2	40.7	38.6	32.5	32.5	32.5	32.5
Rec_398-G	1	53.6	53.1	53.7	55.2	54.1	53.9	50.0	51.4	50.1	49.9	48.8	50.2	50.1	47.1	45.7	46.5	47.4	47.0	40.2	38.5	41.2	38.2	32.8	36.0	36.0	33.2	33.2	35.8	35.4	35.4	39.0	39.7	37.6	31.4	31.4	31.4	31.4
Rec_399-G	1	57.3	56.9	57.8	58.9	58.3	58.0	54.6	55.4	53.7	53.4	52.4	54.2	53.9	50.2	48.3	49.3	50.1	49.7	42.0	39.5	42.7	40.7	35.3	38.5	38.5	35.7	35.7	38.3	37.9	37.9	41.5	42.4	40.4	33.9	33.9	33.9	33.9
Rec_400-G	1	56.6	56.2	56.1	58.4	57.0	57.1	52.5	54.7	53.7	52.9	51.5	52.6	52.5	50.0	48.5	49.1	50.0	49.7	42.6	40.3	42.7	39.2	33.0	36.2	36.2	33.4	33.4	36.0	35.5	35.5	39.2	40.0	38.1	31.6	31.6	31.6	31.6
Rec_401-G	1	53.0	52.6	51.9	53.5	52.6	52.6	48.5	50.6	49.7	49.4	48.0	49.3	49.3	45.9	44.2	45.0	45.8	45.5	37.5	33.7	36.5	34.2	29.5	32.6	32.6	29.7	29.7	32.3	31.8	31.8	35.3	35.8	33.7	27.6	27.6	27.6	27.6
Rec_402-G	4	61.3	62.0	61.9	61.0	61.3	59.9	58.3	58.7	56.8	55.8	55.3	56.9	57.5	54.5	50.3	51.9	52.1	51.3	43.0	43.2	46.9	45.8	41.2	44.4	44.4	41.5	41.5	44.1	43.6	43.6	47.2	47.8	45.8	39.6	39.6	39.6	39.6
Rec_403-G	4	61.4	62.1	61.9	60.4	61.2	60.0	58.3	58.6	56.5	55.7	55.2	56.8	57.4	54.2	49.7	51.5	51.7	50.9	41.7	41.4	45.0	43.7	39.0	42.2	42.2	39.4	39.4	42.0	41.5	41.5	45.1	45.8	43.7	37.5	37.5	37.5	37.5
Rec_404-G	4	61.3	62.2	62.0	60.6	61.2	59.9	58.4	58.7	56.7	55.8	55.2	56.8	57.5	54.4	50.0	51.7	52.0	51.1	42.6	42.8	46.4	45.1	40.4	43.6	43.6	40.8	40.8	43.4	42.9	42.9	46.5	47.1	45.1	38.8	38.8	38.8	38.8
Rec_405-G	4	61.0	61.1	60.6	59.6	60.5	59.3	57.3	57.7	55.8	55.0	54.5	56.3	56.8	53.5	49.2	51.0	51.3	50.4	41.3	41.2	45.1	44.0	39.2	42.4	42.4	39.6	39.6	42.2	41.7	41.7	45.3	46.1	44.1	37.7	37.7	37.7	37.7
Rec_406-G	4	61.1	62.0	61.8	60.1	60.9	59.7	58.2	58.5	56.3	55.6	55.0	56.6	57.2	54.0	49.4	51.3	51.6	50.7	41.4	41.0	44.7	43.3	38.3	41.5	41.5	38.7	38.7	41.3	40.8	40.8	44.4	45.2	43.2	36.8	36.8	36.8	36.8
Rec_407-G	4	61.2	62.2	62.0	61.1	61.3	59.8	58.4	58.9	57.0	55.8	55.2	56.8	57.4	54.6	50.2	51.7	52.0	51.1	43.1	43.4	47.6	46.7	41.9	45.1	45.1	42.2	42.2	44.8	44.4	44.4	48.0	48.8	46.8	40.4	40.4	40.4	40.4
Rec_408-G	4	61.2	62.2	62.1	60.7	61.1	59.8	58.4	58.8	56.8	55.7	55.1	56.7	57.4	54.4	50.0	51.6	51.8	51.0	42.8	43.0	46.7	45.3	40.4	43.6	43.6	40.8	40.8	43.4	42.9	42.9	46.5	47.3	45.3	38.9	38.9	38.9	38.9
Rec_409-G	4	60.4	61.7	61.5	59.7	60.3	59.0	58.1	58.2	56.0	55.1	54.5	56.2	56.8	53.8	49.2	51.0	51.2	50.4	41.3	41.0	44.8	43.4	38.3	41.5	41.5	38.7	38.7	41.3	40.8	40.8	44.4	45.3	43.3	36.8	36.8	36.8	36.8
Rec_410-G	4	60.8	61.8	61.7	60.0	60.8	59.5	58.1	58.3	56.3	55.4	54.8	56.4	57.0	53.8	49.3	51.1	51.3	50.5	41.5	41.2	44.9	43.5	38.2	41.4	41.4	38.6	38.6	41.2	40.8	40.8	44.4	45.3	43.4	36.8	36.8	36.8	36.8
Rec_411-G	4	60.6	61.7	61.6	60.3	60.6	59.3	57.9	58.3	56.4	55.3	54.7	56.3	56.9	53.9	49.6	51.2	51.4	50.6	42.5	42.7	46.5	45.2	40.1	43.3	43.3	40.5	40.5	43.1	42.6	42.6	46.2	47.1	45.1	38.6	38.6	38.6	38.6
Rec_412-G	4	59.0	60.7	60.5	59.7	59.3	57.5	56.4	57.3	55.6	53.8	53.1	54.7	55.7	53.6	48.7	49.8	50.1	49.2	42.9	43.7	47.7	46.8	42.1	45.3	45.3	42.5	42.5	45.1	44.6	44.6	48.2	48.9	46.9	40.6	40.6	40.6	40.6
Rec_413-G	4	59.4	60.8	60.9	59.1	59.6	58.3	57.2	57.5	55.3	54.3	53.6	55.3	55.9	52.9	48.4	50.1	50.4	49.5	41.1	41.0	44.6	43.0	37.9	41.1	41.1	38.3	38.3	40.9	40.4	40.4	44.0	44.8	42.9	36.4	36.4	36.4	36.4
Rec_414-G	6	51.5	53.8	53.9	63.1	56.7	53.8	52.2	64.7	66.1	56.2	56.0	58.6	56.9	58.6	54.7	54.1	54.2	53.1	50.6	52.1	54.4	50.5	43.9	47.1	47.1	44.3	44.3	46.9	46.5	46.5	50.1	51.0	49.1	42.5	42.5	42.5	42.5
Rec_415-G	6	49.7	53.3	53.9	65.7	57.9	53.2	52.6	66.2	67.6	57.8	57.7	60.1	58.8	61.1	58.0	57.1	57.1	55.9	54.1	55.7	57.8	53.3	46.5	49.7	49.7	46.9	46.9	49.5	49.0	49.0	52.6	53.4	51.5	45.0	45.0	45.0	45.0
Rec_416-G	6	51.2	53.2	53.1	59.1	53.7	52.4	50.0	60.5	61.8	53.0	52.4	54.7	53.3	54.3	50.5	50.0	50.3	49.4	46.3	47.6	49.8	45.4	38.7	42.9	41.3	41.3	41.3	44.9	41.7	41.3	44.9	45.7	43.7	37.3	37.3	37.3	37.3
Rec_417a-G	6	72.3	73.4	53.2	55.5	51.9	52.8	47.2	68.9	70.2	68.6	63.6	64.1	64.8	61.3	59.6	45.5	46.8	46.7	38.9	32.6	35.0	31.2	24.8	28.1	28.1	25.3	25.3	27.9	27.5	27.5	31.1	32.0	30.0	23.5	23.5	23.5	23.5
Rec_417b-G	6	73.9	75.0	56.2	60.3	56.3	56.4	51.6	69.6	70.9	70.1	64.8	65.0	66.2	62.1	61.3	50.8	51.5	51.0	46.0	46.1	48.3	44.2	37.7	40.9	40.9	38.1	38.1	40.7	40.2	40.2	43.8	44.6	42.7	36.2	36.2	36.2	36.2
Rec_418-G	6	55.1	56.4	56.0	61.1	56.2	55.9	51.9	64.8	66.1	57.9	57.3	59.2	56.8	58.0	52.4	52.1	52.6	51.9	47.9	48.7	50.9	46.5	39.6	42.9	42.9	40.1	40.1	42.7	42.2	42.2	45.8	46.7	44.8	38.2	38.2	38.2	38.2
Rec_419-G	6	58.6	59.7	58.8	61.4	58.0	58.9	53.9	68.4	69.8	61.1	60.4	62.5	59.9	60.5	51.6	51.8	52.9	52.7	45.4	41.4	43.8	39.3	31.5	34.8	34.8	32.1	32.1	34.7	34.3	34.3	38.0	39.2	37.5	30.5	30.5	30.5	30.5
Rec_420-G	2	76.0	69.0	70.3	71.9	74.5	74.1	64.2	64.7	63.1	64.1	63.4	65.2	64.4	58.9	57.6	59.0	60.0	59.8	51.3	43.8	46.7	43.9	38.0	41.3	41.3	38.5	38.5	41.1	40.6	40.6	44.3	45.2	43.4	36.7	36.7	36.7	36.7
Rec_421-G	2	73.3	67.7	69.1	70.4	72.4	72.0	65.1	65.5	63.9	64.4	63.7	65.9	65.1	59.3	57.9	59.3	60.2	59.9	51.4	45.6	48.4	45.7	40.1	43.3	43.3	40.5	40.5	43.1	42.6	42.6	46.2	47.0	45.1	38.6	38.6	38.6	38.6
Rec_422-G	3	62.3	62.3	61.9	60.5	62.0	60.6	58.5	58.3	56.1	55.9	55.4	57.4	57.6	53.4	50.8	53.1	53.2	52.2	40.5	40.7	44.7	43.4	38.0	41.2	41.2	38.4	38.4	41.0	40.6	40.6	44.2	45.2	43.4	36.6	36.6	36.6	36.6
Rec_423-G	1	56.8	54.8	52.6	55.1	54.7	54.8	48.1	51.3	50.7	50.6	48.0	48.8	48.8	45.9	44.4	44.3	45.3	45.2	37.5	33.2	35.6	31.9	25.7	28.9	28.9	26.1	26.1	28.7	28.3	28.3	32.0	32.8	30.9	24.4	24.4	24.4	24.4
Rec_424-G	1	62.0	62.2	61.0	62.7	61.1	61.3	56.8	59.5	58.8	58.3	56.2	57.2	57.0	54.1	52.5	52.7	53.7	53.5	46.0	42.6	45.5	42.9	37.1	40.3	40.3	37.5	37.5	39.7	39.7	39.7	43.3	44.2	42.4	35.7	35.7	35.7	35.7
Rec_425-G	1	60.4	61.1	60.5	62.0	60.1	60.3	56.6	58.8	57.8	57.5	55.6	56.7	56.5	53.5	51.9	52.3	53.2	53.0	45.7	42.7	45.3	42.3	36.5	39.7	39.7	36.9	36.9	39.5	39.0	39.0	42.6	43.4	41.5	35.0	35.0	35.0	35.0
Rec_426a-G	1	56.1	55.7	55.4	56.9	56.1	55.9	52.0	53.8	52.8	52.0	50.6	52.0	51.8	48.6	46.8	47.4	48.2	47.8	40.5	38.4	41.0	37.8	32.1	35.3	35.3	32.5	32.5	35.1	34.6	34.6	38.2	39.0	37.0	30.6	30.6	30.6	30.6
Rec_426b-G	1	72.7	68.4	65.7	67.7	70.4	69.9	58.0	62.4	62.5	62.8	59.5	60.0	60.3	56.5	55.6	54.3	55.4	55.2	47.2	41.3	44.0	41.0	35.1	38.3	38.3	35.5	35.5	38.1	37.6	37.6	41.3	42.2	40.3	33.7	33.7	33.7	33.7
Rec_427-G	2	57.2	56.8	57.0	56.7	57.6	56.7	54.1	54.5	52.8	52.7	52.1	54.2	54.1	49.5	47.0	48.6	49.0	48.3	40.0	39.4	42.5	40.6	35.9	39.1	39.1	36.3	36.3	38.9	38.4	38.4	42.0	42.5	40.4	34.3	34.3	34.3	34.3
Rec_428-G	2	64.0	63.2	62.8	61.7	63.4	62.5	60.7	60.3	58.7	58.6	58.1	60.7	60.3	53.8	51.6	53.7	53.9	53.0	42.3	42.1	45.1	42.8	37.3	40.5	40.5	37.7	37.7	40.3	39.8	39.8	43.4	44.3	42.3	35.8	35.8	35.8	35.8
Rec_429-G	2	65.7	64.9	64.8	63.6	65.4	64.5	62.6	62.3	60.6	60.5	60.1	62.6	62.3	55.9	53.6	55.7	55.8	54.9	44.5	44.3	47.2	44.8	39.7	42.9	42.9	40.1	40.1	42.7	42.2	42.2	45.8	46.4	44.3	38.1	38.1	38.1	38.1
Rec_430-G	2	63.9	63.4	63.0	61.4	63.3	62.3	61.0	60.5	58.9	58.7	58.2	61.0	60.6	53.6	51.2	53.5	53.6	52.6	40.7	40.9	44.8	43.7	38.7	41.9	41.9	39.1	39.1	41.7	41.2	41.2	44.8	45.6	43.7	37.2	37.2	37.2	37.2
Rec_431-G	2	65.6	65.1	65.0	63.3	65.4	64.3	62.8	62.5	60.8	60.7	60.2	62.9	62.6	55.6	53.3	55.5	55.6	54.6	43.0	43.1	46.8	45.7	41.2	44.4	44.4	41.5	41.5	44.1	43.6	43.6	47.2	47.8	45.7	39.6	39.6	39.6	39.6
Rec_432-G	2	63.3	63.1	62.7	60.7	62.9	61.6	60.6	60.1	58.3	58.1	57.7	60.4	60.0	53.0	50.3	52.9	53.0	51.9	37.6	37.7	43.4	43.5	38.8	42.0	42.0	39.2	39.2	41.8	41.3	41.3	44.9	45.8	43.8	37.3	37.3	37.3	37.3
Rec_433-G	2	65.1	64.8	64.7	62.7	64.9	63.6	62.5	62.1	60.3	60.2

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

Receptor	Receptor Group	Ambient Noise Level	Predicted Construction Noise Level by Project Activity/Phase, Hourly Leq, dBA WITHOUT MITIGATION										
			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Roughins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Roughins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_1-G	5	48	51	51	51	52	51	52	50	51	49	53	53
Rec_2-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_3-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_4-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_5-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_6-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_7-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_8-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_9-G	5	48	48	48	48	48	48	49	48	48	48	49	49
Rec_10-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_11-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_12-G	5	48	50	50	50	50	50	50	49	50	48	51	51
Rec_13-G	5	48	51	51	51	52	51	52	50	51	49	53	53
Rec_14-G	5	48	51	51	51	52	51	52	50	51	49	53	53
Rec_15-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_16-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_17-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_18-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_19-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_20-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_21-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_22-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_23-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_24-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_25-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_26-G	5	48	52	52	52	52	51	52	51	52	49	53	53
Rec_27-G	5	48	51	51	51	52	51	52	50	51	49	53	53
Rec_28-G	5	48	51	51	51	51	51	52	50	51	49	53	53
Rec_29-G	5	48	51	51	51	52	51	52	50	51	49	53	53
Rec_30-G	5	48	51	51	51	52	51	52	50	51	49	53	53
Rec_31-G	5	48	51	51	51	52	51	52	50	51	49	53	53
Rec_32-G	5	48	51	51	51	52	51	52	50	51	49	53	53
Rec_33-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_34-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_35-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_36-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_37-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_38-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_39-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_40-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_41-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_42-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_43-G	5	48	49	49	49	49	49	49	49	49	48	49	49
Rec_44-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_45-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_46-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_47-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_48-G	5	48	49	49	49	49	49	49	48	49	48	49	49

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			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Roughins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Roughins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_49-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_50-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_51-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_52-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_53-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_54-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_55-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_56-G	5	48	49	49	49	49	49	49	49	49	48	49	49
Rec_57-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_58-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_59-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_60-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_61-G	5	48	49	49	49	49	49	49	49	49	48	49	49
Rec_62-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_63-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_64-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_65-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_66-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_67-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_68-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_69-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_70-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_71-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_72-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_73-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_74-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_75-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_76-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_77-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_78-G	5	48	48	48	48	48	48	49	48	48	49	49	49
Rec_79-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_80-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_81-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_82-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_83-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_84-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_85-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_86-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_87-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_88-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_89-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_90-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_91-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_92-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_93-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_94-G	5	48	48	48	48	48	48	49	48	48	48	49	49
Rec_95-G	5	48	48	48	48	48	48	48	48	48	48	48	48

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

Receptor	Receptor Group	Ambient Noise Level	Predicted Construction Noise Level by Project Activity/Phase, Hourly Leq, dBA WITHOUT MITIGATION										
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Rec_96-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_97-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_98-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_99-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_100-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_101-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_102-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_103-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_104-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_105-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_106-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_107-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_108-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_109-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_110-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_111-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_112-G	5	48	48	48	48	48	48	49	48	48	48	49	49
Rec_113-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_114-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_115-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_116-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_117-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_118-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_119-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_120-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_121-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_122-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_123-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_124-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_125-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_126-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_127-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_128-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_129-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_130-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_131-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_132-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_133-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_134-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_135-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_136-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_137-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_138-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_139-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_140-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_141-G	5	48	49	49	49	49	49	49	48	49	49	49	49
Rec_142-G	5	48	49	49	49	49	49	49	48	49	48	49	49

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Rec_143-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_144-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_145-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_146-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_147-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_148-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_149-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_150-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_151-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_152-G	5	48	48	48	48	48	48	49	48	48	48	49	49
Rec_153-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_154-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_155-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_156-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_157-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_158-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_159-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_160-G	5	48	48	48	48	49	48	49	48	48	49	49	49
Rec_161-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_162-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_163-G	5	48	49	49	49	49	48	49	48	49	49	49	49
Rec_164-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_165-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_166-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_167-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_168-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_169-G	5	48	49	49	49	49	48	49	48	49	49	49	49
Rec_170-G	5	48	48	48	48	49	48	49	48	48	49	49	49
Rec_171-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_172-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_173-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_174-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_175-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_176-G	5	48	48	48	48	48	48	49	48	48	48	49	49
Rec_177-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_178-G	5	48	48	48	48	48	48	49	48	48	48	49	49
Rec_179-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_180-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_181-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_182-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_183-G	5	48	49	49	49	49	49	49	48	49	49	49	49
Rec_184-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_185-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_186-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_187-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_188-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_189-G	5	48	48	48	48	48	48	48	48	48	48	48	48

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

Receptor	Receptor Group	Ambient Noise Level	Predicted Construction Noise Level by Project Activity/Phase, Hourly Leq, dBA WITHOUT MITIGATION										
			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Roughins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Roughins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_190-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_191-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_192-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_193-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_194-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_195-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_196-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_197-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_198-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_199-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_200-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_201-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_202-G	5	48	49	49	49	49	49	50	49	49	49	50	50
Rec_203-G	5	48	49	49	49	50	49	50	49	49	49	50	50
Rec_204-G	5	48	49	49	49	50	49	50	49	49	49	50	50
Rec_205-G	5	48	50	50	50	50	49	50	49	50	49	51	51
Rec_206-G	5	48	50	50	50	50	49	50	49	50	49	51	51
Rec_207-G	5	48	50	50	50	50	49	50	49	50	49	51	51
Rec_208-G	5	48	50	50	50	50	49	50	49	50	49	51	51
Rec_209-G	5	48	50	50	50	50	49	50	49	50	49	51	51
Rec_210-G	5	48	49	49	49	50	49	50	49	49	49	51	51
Rec_211-G	5	48	50	50	50	50	50	50	49	50	49	51	51
Rec_212-G	5	48	50	50	50	50	50	50	49	50	49	51	51
Rec_213-G	5	48	51	51	51	51	51	51	50	51	49	53	53
Rec_214-G	5	48	51	51	51	51	50	51	50	51	49	53	53
Rec_215-G	5	48	51	51	51	51	50	51	50	51	49	53	53
Rec_216-G	5	48	51	51	51	51	50	51	50	51	49	52	52
Rec_217-G	5	48	51	51	51	51	50	51	50	51	49	53	53
Rec_218-G	5	48	50	50	50	51	50	51	50	50	49	52	52
Rec_219-G	5	48	50	50	50	51	50	51	50	50	49	52	52
Rec_220-G	5	48	50	50	50	50	50	51	50	50	49	52	52
Rec_221-G	5	48	51	51	51	52	51	52	50	51	49	53	53
Rec_222-G	5	48	51	51	51	51	51	52	50	51	49	53	53
Rec_223-G	5	48	51	51	51	51	51	52	50	51	49	53	53
Rec_224-G	5	48	51	51	51	51	51	52	50	51	49	53	53
Rec_225-G	5	48	51	51	51	51	51	51	50	51	49	53	53
Rec_226-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_227-G	2	47	48	48	48	48	48	48	47	48	49	48	48
Rec_228-G	2	47	48	48	48	48	48	48	48	48	49	49	49
Rec_229-G	2	47	48	48	48	48	47	48	47	48	49	48	48
Rec_230-G	2	47	48	48	48	48	48	48	48	48	48	48	48
Rec_231-G	2	47	48	48	48	48	48	48	47	48	49	48	48
Rec_232-G	2	47	48	48	48	48	48	49	48	48	49	49	49
Rec_233-G	2	47	48	48	48	48	48	48	48	48	49	49	49
Rec_234-G	2	47	48	48	48	48	48	48	48	48	49	49	49
Rec_235-G	2	47	48	48	48	48	48	48	47	48	48	48	48
Rec_236-G	2	47	48	48	48	48	48	49	48	48	49	49	49

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

Receptor	Receptor Group	Ambient Noise Level	Predicted Construction Noise Level by Project Activity/Phase, Hourly Leq, dBA WITHOUT MITIGATION										
			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Roughins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Roughins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_237-G	2	47	48	48	48	48	48	48	48	48	49	48	48
Rec_238-G	2	47	48	48	48	48	47	48	47	48	49	48	48
Rec_239-G	2	47	48	48	48	49	48	49	48	48	49	49	49
Rec_240-G	2	47	49	49	49	49	48	49	48	49	49	50	50
Rec_241-G	2	47	48	48	48	49	48	49	48	48	50	49	49
Rec_242-G	2	47	49	49	49	49	49	49	48	49	53	50	50
Rec_243-G	2	47	51	51	51	51	50	51	50	51	53	53	53
Rec_244-G	2	47	49	49	49	49	49	49	49	49	54	51	51
Rec_245-G	2	47	48	48	48	49	48	49	48	48	50	49	49
Rec_246-G	2	47	49	49	49	49	48	49	48	49	49	50	50
Rec_247-G	2	47	49	49	49	50	49	50	49	49	48	51	51
Rec_248-G	2	47	49	49	49	50	49	50	49	49	48	51	51
Rec_249-G	2	47	50	50	50	50	49	50	49	50	49	52	52
Rec_250-G	2	47	48	48	48	48	48	49	48	48	48	49	49
Rec_251-G	2	47	47	47	47	47	47	47	47	47	48	47	47
Rec_252-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_253-G	2	47	47	47	47	47	47	47	47	47	47	48	48
Rec_254-G	2	47	49	49	49	49	48	49	48	49	49	50	50
Rec_255-G	2	47	48	48	48	48	48	48	48	48	48	49	49
Rec_256-G	2	47	48	48	48	48	48	48	47	48	48	48	48
Rec_257-G	2	47	48	48	48	48	48	48	48	48	48	49	49
Rec_258-G	2	47	47	47	47	47	47	48	47	47	49	48	48
Rec_259-G	2	47	48	48	48	48	48	49	48	48	49	49	49
Rec_260-G	2	47	47	47	47	47	47	47	47	47	48	48	48
Rec_261-G	2	47	48	48	48	48	48	48	48	48	48	49	49
Rec_262-G	2	47	47	47	47	47	47	47	47	47	48	48	48
Rec_263-G	2	47	48	48	48	48	48	48	48	48	49	49	49
Rec_264-G	2	47	48	48	48	48	48	48	47	48	48	48	48
Rec_265-G	2	47	48	48	48	48	48	48	47	48	48	48	48
Rec_266-G	2	47	48	48	48	48	47	48	47	48	48	48	48
Rec_267-G	2	47	48	48	48	48	48	48	47	48	47	48	48
Rec_268-G	2	47	48	48	48	48	48	48	48	48	47	49	49
Rec_269-G	2	47	48	48	48	48	48	49	48	48	48	49	49
Rec_271-G	2	47	48	48	48	48	48	48	48	48	48	49	49
Rec_272-G	2	47	48	48	48	48	48	48	48	48	49	49	49
Rec_273-G	2	47	48	48	48	48	48	48	47	48	48	48	48
Rec_274-G	2	47	48	48	48	48	48	48	48	48	48	49	49
Rec_275-G	2	47	47	47	47	47	47	47	47	47	48	48	48
Rec_276-G	2	47	47	47	47	47	47	48	47	47	48	48	48
Rec_277-G	2	47	48	48	48	48	48	48	47	48	48	48	48
Rec_278-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_279-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_280-G	2	47	48	48	48	48	48	49	48	48	49	49	49
Rec_281-G	2	47	47	47	47	47	47	47	47	47	48	47	47
Rec_282-G	2	47	47	47	47	47	47	47	47	47	48	47	47
Rec_283-G	2	47	48	48	48	48	47	48	47	48	47	48	48
Rec_284-G	2	47	48	48	48	48	48	48	48	48	48	49	49

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

Receptor	Receptor Group	Ambient Noise Level	Predicted Construction Noise Level by Project Activity/Phase, Hourly Leq, dBA WITHOUT MITIGATION										
			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Roughins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Roughins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_285-G	2	47	47	47	47	48	47	48	47	47	48	48	48
Rec_286-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_287-G	2	47	48	48	48	48	48	48	48	48	48	49	49
Rec_288-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_289-G	1	47	48	48	48	48	47	48	47	48	49	48	48
Rec_290-G	1	47	48	48	48	48	48	48	47	48	50	48	48
Rec_291-G	1	47	48	48	48	48	48	48	48	48	50	48	48
Rec_292-G	1	47	48	48	48	48	48	48	47	48	49	48	48
Rec_293-G	1	47	48	48	48	48	48	48	47	48	49	48	48
Rec_294-G	1	47	48	48	48	48	48	48	47	48	49	48	48
Rec_295-G	1	47	48	48	48	48	47	48	47	48	49	48	48
Rec_296-G	1	47	48	48	48	48	47	48	47	48	49	48	48
Rec_297-G	1	47	48	48	48	48	47	48	47	48	49	48	48
Rec_298-G	1	47	47	47	47	47	47	48	47	47	49	48	48
Rec_299-G	1	47	47	47	47	48	47	48	47	47	49	48	48
Rec_300-G	1	47	47	47	47	47	47	48	47	47	49	48	48
Rec_301-G	1	47	47	47	47	48	47	48	47	47	49	48	48
Rec_302-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_303-G	1	47	47	47	47	47	47	48	47	47	48	48	48
Rec_304-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_305-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_306-G	1	47	47	47	47	47	47	48	47	47	48	48	48
Rec_307-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_308-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_309-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_310-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_311-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_312-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_313-G	1	47	47	47	47	48	47	48	47	47	48	48	48
Rec_314-G	1	47	47	47	47	47	47	47	47	47	47	48	48
Rec_315-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_316-G	1	47	47	47	47	48	47	48	47	47	48	48	48
Rec_317-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_318-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_319-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_320-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_321-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_322-G	1	47	47	47	47	48	47	48	47	47	48	48	48
Rec_323-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_324-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_325-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_326-G	1	47	47	47	47	48	47	48	47	47	48	48	48
Rec_327-G	1	47	47	47	47	48	47	48	47	47	48	48	48
Rec_328-G	1	47	48	48	48	48	48	48	47	48	49	48	48
Rec_329-G	1	47	48	48	48	48	48	48	47	48	50	48	48
Rec_330-G	1	47	48	48	48	48	48	48	48	48	49	49	49
Rec_331-G	1	47	48	48	48	48	48	48	48	48	49	49	49

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

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			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Roughins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Roughins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_332-G	1	47	48	48	48	48	48	48	48	48	49	49	49
Rec_333-G	1	47	47	47	47	47	47	47	47	47	49	48	48
Rec_334-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_335-G	1	47	47	47	47	48	47	48	47	47	48	48	48
Rec_336-G	1	47	48	48	48	48	48	48	47	48	49	48	48
Rec_337-G	1	47	47	47	47	48	47	48	47	47	48	48	48
Rec_338-G	1	47	48	48	48	48	48	48	48	48	48	49	49
Rec_339-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_340-G	1	47	47	47	47	47	47	48	47	47	48	48	48
Rec_341-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_342-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_343-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_344-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_345-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_346-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_347-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_348-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_349-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_350-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_351-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_352-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_353-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_354-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_355-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_356-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_357-G	1	47	48	48	48	48	48	48	48	48	49	49	49
Rec_358-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_359-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_360-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_361-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_362-G	1	47	47	47	47	48	47	48	47	47	48	48	48
Rec_363-G	1	47	47	47	47	47	47	48	47	47	48	48	48
Rec_364-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_365-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_366-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_367-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_368-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_369-G	1	47	47	47	47	48	47	48	47	47	48	48	48
Rec_370-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_371-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_372-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_373-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_374-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_375-G	1	47	47	47	47	47	47	47	47	47	47	48	48
Rec_376-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_377-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_378-G	1	47	47	47	47	47	47	47	47	47	48	47	47

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

Receptor	Receptor Group	Ambient Noise Level	Predicted Construction Noise Level by Project Activity/Phase, Hourly Leq, dBA WITHOUT MITIGATION										
			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Roughins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Roughins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_379-G	1	47	48	48	48	48	47	48	47	48	47	48	48
Rec_380-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_381-G	1	47	48	48	48	48	48	48	48	48	48	49	49
Rec_382-G	1	47	48	48	48	48	48	48	48	48	48	49	49
Rec_383-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_384-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_385-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_386-G	1	47	48	48	48	48	48	48	48	48	48	49	49
Rec_387-G	1	47	48	48	48	48	48	48	48	48	48	49	49
Rec_388-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_389-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_390-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_391-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_392-G	1	47	47	47	47	47	47	47	47	47	47	48	48
Rec_393-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_394-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_395-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_396-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_397-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_398-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_399-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_400-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_401-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_402-G	4	48	50	50	50	50	49	50	49	50	48	51	51
Rec_403-G	4	48	50	50	50	50	49	50	49	50	48	51	51
Rec_404-G	4	48	50	50	50	50	49	50	49	50	48	51	51
Rec_405-G	4	48	49	49	49	50	49	50	49	49	48	51	51
Rec_406-G	4	48	50	50	50	50	49	50	49	50	48	51	51
Rec_407-G	4	48	50	50	50	50	49	50	49	50	48	51	51
Rec_408-G	4	48	49	49	49	50	49	50	49	49	48	51	51
Rec_409-G	4	48	49	49	49	50	49	50	49	49	48	50	50
Rec_410-G	4	48	49	49	49	50	49	50	49	49	48	51	51
Rec_411-G	4	48	49	49	49	49	49	50	49	49	48	50	50
Rec_412-G	4	48	49	49	49	49	49	49	49	49	48	50	50
Rec_413-G	4	48	49	49	49	49	49	49	49	49	48	50	50
Rec_414-G	6	47	47	47	47	47	47	47	47	47	47	47	47
Rec_415-G	6	47	47	47	47	47	47	47	47	47	47	47	47
Rec_416-G	6	47	47	47	47	47	47	47	47	47	47	47	47
Rec_417a-G	6	47	47	47	47	47	47	47	47	47	48	47	47
Rec_417b-G	6	47	47	47	47	47	47	47	47	47	48	47	47
Rec_418-G	6	47	47	47	47	47	47	47	47	47	48	47	47
Rec_419-G	6	47	47	47	47	47	47	47	47	47	49	47	47
Rec_420-G	2	47	50	50	50	50	50	50	49	50	53	52	52
Rec_421-G	2	47	51	51	51	51	50	51	50	51	53	53	53
Rec_422-G	3	48	50	50	50	51	50	51	50	50	48	52	52
Rec_423-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_424-G	1	47	48	48	48	48	47	48	47	48	49	48	48

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

Receptor	Receptor Group	Ambient Noise Level	Predicted Construction Noise Level by Project Activity/Phase, Hourly Leq, dBA WITHOUT MITIGATION										
			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Roughins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Roughins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_425-G	1	47	48	48	48	48	47	48	47	48	49	48	48
Rec_426a-G	1	47	48	48	48	48	48	48	48	48	50	48	48
Rec_426b-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_427-G	2	47	48	48	48	48	48	48	48	48	47	48	48
Rec_428-G	2	47	50	50	50	50	50	51	49	50	48	52	52
Rec_429-G	2	47	51	51	51	52	51	52	50	51	48	53	53
Rec_430-G	2	47	50	50	50	50	50	51	49	50	47	52	52
Rec_431-G	2	47	51	51	51	52	51	52	50	51	48	53	53
Rec_432-G	2	47	50	50	50	50	50	50	49	50	47	52	52
Rec_433-G	2	47	51	51	51	52	51	52	50	51	47	53	53
Rec_434-G	2	47	50	50	50	50	50	50	49	50	47	52	52
Rec_435-G	2	47	51	51	51	51	51	52	50	51	47	53	53
Rec_436-G	2	47	49	49	49	49	49	50	49	49	47	51	51
Rec_437-G	2	47	50	50	50	51	50	51	49	50	47	52	52
Rec_438-G	2	47	49	49	49	50	49	50	49	49	47	51	51
Rec_439-G	2	47	51	51	51	51	50	51	49	51	47	52	52
Rec_440-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_441-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_442-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_443-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_444-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_445-G	2	47	49	49	49	50	49	50	48	49	49	50	50
Rec_446-G	2	47	50	50	50	50	49	50	49	50	48	51	51
Rec_447-G	2	47	50	50	50	50	49	50	49	50	48	51	51
Rec_448-G	2	47	50	50	50	50	49	50	48	50	48	51	51
Rec_449-G	4	48	50	50	50	51	50	51	50	50	49	52	52
Rec_450-G	4	48	50	50	50	50	49	50	49	50	48	51	51
Rec_451-G	4	48	49	49	49	50	49	50	49	49	48	51	51
Rec_452-G	4	48	49	49	49	49	49	49	49	49	48	50	50
Rec_453-G	4	48	49	49	49	49	49	49	49	49	48	50	50
Rec_454-G	4	48	49	49	49	50	49	50	49	49	48	51	51
Rec_455-G	4	48	49	49	49	49	49	49	49	49	48	50	50
Rec_456-G	3	48	50	50	50	50	49	50	49	50	49	51	51
Rec_457-G	3	48	50	50	50	51	50	51	50	50	49	52	52
Rec_458-G	3	48	51	51	51	51	50	51	50	51	49	53	53
Rec_459-G	3	48	56	56	56	56	55	56	55	56	49	60	60
Rec_460-G	3	48	51	51	51	51	51	52	50	51	49	53	53
Rec_461-G	3	48	51	51	51	52	51	52	51	51	49	54	54
Rec_462-G	5	48	51	51	51	51	50	51	50	51	49	53	53
Rec_463-G	5	48	52	52	52	52	51	52	51	52	49	54	54
Rec_464-G	5	48	52	52	52	52	51	52	51	52	49	54	54
Rec_465-G	5	48	52	52	52	52	51	52	51	52	49	54	54
Rec_466-G	5	48	51	51	51	51	51	52	50	51	49	53	53
Rec_467-G	5	48	51	51	51	51	51	51	50	51	49	53	53
Rec_468-G	5	48	51	51	51	51	50	51	50	51	49	52	52
Rec_469-G	5	48	50	50	50	50	50	51	50	50	49	52	52
Rec_470-G	5	48	50	50	50	50	49	50	49	50	49	51	51

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

Receptor	Receptor Group	Ambient Noise Level	Predicted Construction Noise Level by Project Activity/Phase, Hourly Leq, dBA WITHOUT MITIGATION										
			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Rougn-ins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Rougn-ins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_471-G	5	48	49	49	49	50	49	50	49	49	49	50	50
Rec_472-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_473-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_474-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_475-G	5	48	49	49	49	49	48	49	48	49	49	49	49

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

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			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Roughins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Roughins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_1-G	5	48	51	51	51	52	51	52	50	51	49	53	53
Rec_2-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_3-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_4-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_5-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_6-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_7-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_8-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_9-G	5	48	48	48	48	48	48	49	48	48	48	49	49
Rec_10-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_11-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_12-G	5	48	50	50	50	50	50	50	49	50	48	51	51
Rec_13-G	5	48	51	51	51	52	51	52	50	51	49	53	53
Rec_14-G	5	48	51	51	51	52	51	52	50	51	49	53	53
Rec_15-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_16-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_17-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_18-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_19-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_20-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_21-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_22-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_23-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_24-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_25-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_26-G	5	48	52	52	52	52	51	52	51	52	49	53	53
Rec_27-G	5	48	51	51	51	52	51	52	50	51	49	53	53
Rec_28-G	5	48	51	51	51	51	51	52	50	51	49	53	53
Rec_29-G	5	48	51	51	51	52	51	52	50	51	49	53	53
Rec_30-G	5	48	51	51	51	52	51	52	50	51	49	53	53
Rec_31-G	5	48	51	51	51	52	51	52	50	51	49	53	53
Rec_32-G	5	48	51	51	51	52	51	52	50	51	49	53	53
Rec_33-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_34-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_35-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_36-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_37-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_38-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_39-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_40-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_41-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_42-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_43-G	5	48	49	49	49	49	49	49	49	49	48	49	49
Rec_44-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_45-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_46-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_47-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_48-G	5	48	49	49	49	49	49	49	48	49	48	49	49

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			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Roughins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Roughins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_49-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_50-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_51-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_52-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_53-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_54-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_55-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_56-G	5	48	49	49	49	49	49	49	49	49	48	49	49
Rec_57-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_58-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_59-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_60-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_61-G	5	48	49	49	49	49	49	49	49	49	48	49	49
Rec_62-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_63-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_64-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_65-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_66-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_67-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_68-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_69-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_70-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_71-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_72-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_73-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_74-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_75-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_76-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_77-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_78-G	5	48	48	48	48	48	48	49	48	48	49	49	49
Rec_79-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_80-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_81-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_82-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_83-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_84-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_85-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_86-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_87-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_88-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_89-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_90-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_91-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_92-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_93-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_94-G	5	48	48	48	48	48	48	49	48	48	48	49	49
Rec_95-G	5	48	48	48	48	48	48	48	48	48	48	48	48

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

Receptor	Receptor Group	Ambient Noise Level	Predicted Construction Noise Level by Project Activity/Phase, Hourly Leq, dBA WITHOUT MITIGATION										
			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Roughins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Roughins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_96-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_97-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_98-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_99-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_100-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_101-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_102-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_103-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_104-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_105-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_106-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_107-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_108-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_109-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_110-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_111-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_112-G	5	48	48	48	48	48	48	49	48	48	48	49	49
Rec_113-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_114-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_115-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_116-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_117-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_118-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_119-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_120-G	5	48	49	49	49	49	49	49	49	49	48	50	50
Rec_121-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_122-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_123-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_124-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_125-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_126-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_127-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_128-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_129-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_130-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_131-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_132-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_133-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_134-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_135-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_136-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_137-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_138-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_139-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_140-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_141-G	5	48	49	49	49	49	49	49	48	49	49	49	49
Rec_142-G	5	48	49	49	49	49	49	49	48	49	48	49	49

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

Receptor	Receptor Group	Ambient Noise Level	Predicted Construction Noise Level by Project Activity/Phase, Hourly Leq, dBA WITHOUT MITIGATION										
			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Rough-ins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Rough-ins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_143-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_144-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_145-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_146-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_147-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_148-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_149-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_150-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_151-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_152-G	5	48	48	48	48	48	48	49	48	48	48	49	49
Rec_153-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_154-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_155-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_156-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_157-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_158-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_159-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_160-G	5	48	48	48	48	49	48	49	48	48	49	49	49
Rec_161-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_162-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_163-G	5	48	49	49	49	49	48	49	48	49	49	49	49
Rec_164-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_165-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_166-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_167-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_168-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_169-G	5	48	49	49	49	49	48	49	48	49	49	49	49
Rec_170-G	5	48	48	48	48	49	48	49	48	48	49	49	49
Rec_171-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_172-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_173-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_174-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_175-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_176-G	5	48	48	48	48	48	48	49	48	48	48	49	49
Rec_177-G	5	48	49	49	49	49	48	49	48	49	48	49	49
Rec_178-G	5	48	48	48	48	48	48	49	48	48	48	49	49
Rec_179-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_180-G	5	48	48	48	48	49	48	49	48	48	48	49	49
Rec_181-G	5	48	48	48	48	48	48	48	48	48	48	49	49
Rec_182-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_183-G	5	48	49	49	49	49	49	49	48	49	49	49	49
Rec_184-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_185-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_186-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_187-G	5	48	49	49	49	49	49	49	48	49	48	49	49
Rec_188-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_189-G	5	48	48	48	48	48	48	48	48	48	48	48	48

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

Receptor	Receptor Group	Ambient Noise Level	Predicted Construction Noise Level by Project Activity/Phase, Hourly Leq, dBA WITHOUT MITIGATION										
			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Roughins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Roughins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_190-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_191-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_192-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_193-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_194-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_195-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_196-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_197-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_198-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_199-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_200-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_201-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_202-G	5	48	49	49	49	49	49	50	49	49	49	50	50
Rec_203-G	5	48	49	49	49	50	49	50	49	49	49	50	50
Rec_204-G	5	48	49	49	49	50	49	50	49	49	49	50	50
Rec_205-G	5	48	50	50	50	50	49	50	49	50	49	51	51
Rec_206-G	5	48	50	50	50	50	49	50	49	50	49	51	51
Rec_207-G	5	48	50	50	50	50	49	50	49	50	49	51	51
Rec_208-G	5	48	50	50	50	50	49	50	49	50	49	51	51
Rec_209-G	5	48	50	50	50	50	49	50	49	50	49	51	51
Rec_210-G	5	48	49	49	49	50	49	50	49	49	49	51	51
Rec_211-G	5	48	50	50	50	50	50	50	49	50	49	51	51
Rec_212-G	5	48	50	50	50	50	50	50	49	50	49	51	51
Rec_213-G	5	48	51	51	51	51	51	51	50	51	49	53	53
Rec_214-G	5	48	51	51	51	51	50	51	50	51	49	53	53
Rec_215-G	5	48	51	51	51	51	50	51	50	51	49	53	53
Rec_216-G	5	48	51	51	51	51	50	51	50	51	49	52	52
Rec_217-G	5	48	51	51	51	51	50	51	50	51	49	53	53
Rec_218-G	5	48	50	50	50	51	50	51	50	50	49	52	52
Rec_219-G	5	48	50	50	50	51	50	51	50	50	49	52	52
Rec_220-G	5	48	50	50	50	50	50	51	50	50	49	52	52
Rec_221-G	5	48	51	51	51	52	51	52	50	51	49	53	53
Rec_222-G	5	48	51	51	51	51	51	52	50	51	49	53	53
Rec_223-G	5	48	51	51	51	51	51	52	50	51	49	53	53
Rec_224-G	5	48	51	51	51	51	51	52	50	51	49	53	53
Rec_225-G	5	48	51	51	51	51	51	51	50	51	49	53	53
Rec_226-G	5	48	48	48	48	48	48	48	48	48	48	48	48
Rec_227-G	2	47	48	48	48	48	48	48	47	48	49	48	48
Rec_228-G	2	47	48	48	48	48	48	48	48	48	49	49	49
Rec_229-G	2	47	48	48	48	48	47	48	47	48	49	48	48
Rec_230-G	2	47	48	48	48	48	48	48	48	48	48	48	48
Rec_231-G	2	47	48	48	48	48	48	48	47	48	49	48	48
Rec_232-G	2	47	48	48	48	48	48	49	48	48	49	49	49
Rec_233-G	2	47	48	48	48	48	48	48	48	48	49	49	49
Rec_234-G	2	47	48	48	48	48	48	48	48	48	49	49	49
Rec_235-G	2	47	48	48	48	48	48	48	47	48	48	48	48
Rec_236-G	2	47	48	48	48	48	48	49	48	48	49	49	49

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

Receptor	Receptor Group	Ambient Noise Level	Predicted Construction Noise Level by Project Activity/Phase, Hourly Leq, dBA WITHOUT MITIGATION										
			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Roughins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Roughins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_237-G	2	47	48	48	48	48	48	48	48	48	49	48	48
Rec_238-G	2	47	48	48	48	48	47	48	47	48	49	48	48
Rec_239-G	2	47	48	48	48	49	48	49	48	48	49	49	49
Rec_240-G	2	47	49	49	49	49	48	49	48	49	49	50	50
Rec_241-G	2	47	48	48	48	49	48	49	48	48	50	49	49
Rec_242-G	2	47	49	49	49	49	49	49	48	49	53	50	50
Rec_243-G	2	47	51	51	51	51	50	51	50	51	53	53	53
Rec_244-G	2	47	49	49	49	49	49	49	49	49	54	51	51
Rec_245-G	2	47	48	48	48	49	48	49	48	48	50	49	49
Rec_246-G	2	47	49	49	49	49	48	49	48	49	49	50	50
Rec_247-G	2	47	49	49	49	50	49	50	49	49	48	51	51
Rec_248-G	2	47	49	49	49	50	49	50	49	49	48	51	51
Rec_249-G	2	47	50	50	50	50	49	50	49	50	49	52	52
Rec_250-G	2	47	48	48	48	48	48	49	48	48	48	49	49
Rec_251-G	2	47	47	47	47	47	47	47	47	47	48	47	47
Rec_252-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_253-G	2	47	47	47	47	47	47	47	47	47	47	48	48
Rec_254-G	2	47	49	49	49	49	48	49	48	49	49	50	50
Rec_255-G	2	47	48	48	48	48	48	48	48	48	48	49	49
Rec_256-G	2	47	48	48	48	48	48	48	47	48	48	48	48
Rec_257-G	2	47	48	48	48	48	48	48	48	48	48	49	49
Rec_258-G	2	47	47	47	47	47	47	48	47	47	49	48	48
Rec_259-G	2	47	48	48	48	48	48	49	48	48	49	49	49
Rec_260-G	2	47	47	47	47	47	47	47	47	47	48	48	48
Rec_261-G	2	47	48	48	48	48	48	48	48	48	48	49	49
Rec_262-G	2	47	47	47	47	47	47	47	47	47	48	48	48
Rec_263-G	2	47	48	48	48	48	48	48	48	48	49	49	49
Rec_264-G	2	47	48	48	48	48	48	48	47	48	48	48	48
Rec_265-G	2	47	48	48	48	48	48	48	47	48	48	48	48
Rec_266-G	2	47	48	48	48	48	47	48	47	48	48	48	48
Rec_267-G	2	47	48	48	48	48	48	48	47	48	47	48	48
Rec_268-G	2	47	48	48	48	48	48	48	48	48	47	49	49
Rec_269-G	2	47	48	48	48	48	48	49	48	48	48	49	49
Rec_271-G	2	47	48	48	48	48	48	48	48	48	48	49	49
Rec_272-G	2	47	48	48	48	48	48	48	48	48	49	49	49
Rec_273-G	2	47	48	48	48	48	48	48	47	48	48	48	48
Rec_274-G	2	47	48	48	48	48	48	48	48	48	48	49	49
Rec_275-G	2	47	47	47	47	47	47	47	47	47	48	48	48
Rec_276-G	2	47	47	47	47	47	47	48	47	47	48	48	48
Rec_277-G	2	47	48	48	48	48	48	48	47	48	48	48	48
Rec_278-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_279-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_280-G	2	47	48	48	48	48	48	49	48	48	49	49	49
Rec_281-G	2	47	47	47	47	47	47	47	47	47	48	47	47
Rec_282-G	2	47	47	47	47	47	47	47	47	47	48	47	47
Rec_283-G	2	47	48	48	48	48	47	48	47	48	47	48	48
Rec_284-G	2	47	48	48	48	48	48	48	48	48	48	49	49

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

Receptor	Receptor Group	Ambient Noise Level	Predicted Construction Noise Level by Project Activity/Phase, Hourly Leq, dBA WITHOUT MITIGATION										
			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Roughins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Roughins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_285-G	2	47	47	47	47	48	47	48	47	47	48	48	48
Rec_286-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_287-G	2	47	48	48	48	48	48	48	48	48	48	49	49
Rec_288-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_289-G	1	47	48	48	48	48	47	48	47	48	49	48	48
Rec_290-G	1	47	48	48	48	48	48	48	47	48	50	48	48
Rec_291-G	1	47	48	48	48	48	48	48	48	48	50	48	48
Rec_292-G	1	47	48	48	48	48	48	48	47	48	49	48	48
Rec_293-G	1	47	48	48	48	48	48	48	47	48	49	48	48
Rec_294-G	1	47	48	48	48	48	48	48	47	48	49	48	48
Rec_295-G	1	47	48	48	48	48	47	48	47	48	49	48	48
Rec_296-G	1	47	48	48	48	48	47	48	47	48	49	48	48
Rec_297-G	1	47	48	48	48	48	47	48	47	48	49	48	48
Rec_298-G	1	47	47	47	47	47	47	48	47	47	49	48	48
Rec_299-G	1	47	47	47	47	48	47	48	47	47	49	48	48
Rec_300-G	1	47	47	47	47	47	47	48	47	47	49	48	48
Rec_301-G	1	47	47	47	47	48	47	48	47	47	49	48	48
Rec_302-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_303-G	1	47	47	47	47	47	47	48	47	47	48	48	48
Rec_304-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_305-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_306-G	1	47	47	47	47	47	47	48	47	47	48	48	48
Rec_307-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_308-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_309-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_310-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_311-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_312-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_313-G	1	47	47	47	47	48	47	48	47	47	48	48	48
Rec_314-G	1	47	47	47	47	47	47	47	47	47	47	48	48
Rec_315-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_316-G	1	47	47	47	47	48	47	48	47	47	48	48	48
Rec_317-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_318-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_319-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_320-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_321-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_322-G	1	47	47	47	47	48	47	48	47	47	48	48	48
Rec_323-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_324-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_325-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_326-G	1	47	47	47	47	48	47	48	47	47	48	48	48
Rec_327-G	1	47	47	47	47	48	47	48	47	47	48	48	48
Rec_328-G	1	47	48	48	48	48	48	48	47	48	49	48	48
Rec_329-G	1	47	48	48	48	48	48	48	47	48	50	48	48
Rec_330-G	1	47	48	48	48	48	48	48	48	48	49	49	49
Rec_331-G	1	47	48	48	48	48	48	48	48	48	49	49	49

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

Receptor	Receptor Group	Ambient Noise Level	Predicted Construction Noise Level by Project Activity/Phase, Hourly Leq, dBA WITHOUT MITIGATION										
			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Roughins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Roughins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_332-G	1	47	48	48	48	48	48	48	48	48	49	49	49
Rec_333-G	1	47	47	47	47	47	47	47	47	47	49	48	48
Rec_334-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_335-G	1	47	47	47	47	48	47	48	47	47	48	48	48
Rec_336-G	1	47	48	48	48	48	48	48	47	48	49	48	48
Rec_337-G	1	47	47	47	47	48	47	48	47	47	48	48	48
Rec_338-G	1	47	48	48	48	48	48	48	48	48	48	49	49
Rec_339-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_340-G	1	47	47	47	47	47	47	48	47	47	48	48	48
Rec_341-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_342-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_343-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_344-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_345-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_346-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_347-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_348-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_349-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_350-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_351-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_352-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_353-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_354-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_355-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_356-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_357-G	1	47	48	48	48	48	48	48	48	48	49	49	49
Rec_358-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_359-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_360-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_361-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_362-G	1	47	47	47	47	48	47	48	47	47	48	48	48
Rec_363-G	1	47	47	47	47	47	47	48	47	47	48	48	48
Rec_364-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_365-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_366-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_367-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_368-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_369-G	1	47	47	47	47	48	47	48	47	47	48	48	48
Rec_370-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_371-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_372-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_373-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_374-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_375-G	1	47	47	47	47	47	47	47	47	47	47	48	48
Rec_376-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_377-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_378-G	1	47	47	47	47	47	47	47	47	47	48	47	47

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

Receptor	Receptor Group	Ambient Noise Level	Predicted Construction Noise Level by Project Activity/Phase, Hourly Leq, dBA WITHOUT MITIGATION										
			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Roughins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Roughins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_379-G	1	47	48	48	48	48	47	48	47	48	47	48	48
Rec_380-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_381-G	1	47	48	48	48	48	48	48	48	48	48	49	49
Rec_382-G	1	47	48	48	48	48	48	48	48	48	48	49	49
Rec_383-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_384-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_385-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_386-G	1	47	48	48	48	48	48	48	48	48	48	49	49
Rec_387-G	1	47	48	48	48	48	48	48	48	48	48	49	49
Rec_388-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_389-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_390-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_391-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_392-G	1	47	47	47	47	47	47	47	47	47	47	48	48
Rec_393-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_394-G	1	47	48	48	48	48	48	48	47	48	48	48	48
Rec_395-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_396-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_397-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_398-G	1	47	47	47	47	47	47	47	47	47	48	47	47
Rec_399-G	1	47	48	48	48	48	47	48	47	48	48	48	48
Rec_400-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_401-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_402-G	4	48	50	50	50	50	49	50	49	50	48	51	51
Rec_403-G	4	48	50	50	50	50	49	50	49	50	48	51	51
Rec_404-G	4	48	50	50	50	50	49	50	49	50	48	51	51
Rec_405-G	4	48	49	49	49	50	49	50	49	49	48	51	51
Rec_406-G	4	48	50	50	50	50	49	50	49	50	48	51	51
Rec_407-G	4	48	50	50	50	50	49	50	49	50	48	51	51
Rec_408-G	4	48	49	49	49	50	49	50	49	49	48	51	51
Rec_409-G	4	48	49	49	49	50	49	50	49	49	48	50	50
Rec_410-G	4	48	49	49	49	50	49	50	49	49	48	51	51
Rec_411-G	4	48	49	49	49	49	49	50	49	49	48	50	50
Rec_412-G	4	48	49	49	49	49	49	49	49	49	48	50	50
Rec_413-G	4	48	49	49	49	49	49	49	49	49	48	50	50
Rec_414-G	6	47	47	47	47	47	47	47	47	47	47	47	47
Rec_415-G	6	47	47	47	47	47	47	47	47	47	47	47	47
Rec_416-G	6	47	47	47	47	47	47	47	47	47	47	47	47
Rec_417a-G	6	47	47	47	47	47	47	47	47	47	48	47	47
Rec_417b-G	6	47	47	47	47	47	47	47	47	47	48	47	47
Rec_418-G	6	47	47	47	47	47	47	47	47	47	48	47	47
Rec_419-G	6	47	47	47	47	47	47	47	47	47	49	47	47
Rec_420-G	2	47	50	50	50	50	50	50	49	50	53	52	52
Rec_421-G	2	47	51	51	51	51	50	51	50	51	53	53	53
Rec_422-G	3	48	50	50	50	51	50	51	50	50	48	52	52
Rec_423-G	1	47	47	47	47	47	47	47	47	47	47	47	47
Rec_424-G	1	47	48	48	48	48	47	48	47	48	49	48	48

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

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			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Roughins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Roughins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_425-G	1	47	48	48	48	48	47	48	47	48	49	48	48
Rec_426a-G	1	47	48	48	48	48	48	48	48	48	50	48	48
Rec_426b-G	1	47	47	47	47	47	47	47	47	47	48	48	48
Rec_427-G	2	47	48	48	48	48	48	48	48	48	47	48	48
Rec_428-G	2	47	50	50	50	50	50	51	49	50	48	52	52
Rec_429-G	2	47	51	51	51	52	51	52	50	51	48	53	53
Rec_430-G	2	47	50	50	50	50	50	51	49	50	47	52	52
Rec_431-G	2	47	51	51	51	52	51	52	50	51	48	53	53
Rec_432-G	2	47	50	50	50	50	50	50	49	50	47	52	52
Rec_433-G	2	47	51	51	51	52	51	52	50	51	47	53	53
Rec_434-G	2	47	50	50	50	50	50	50	49	50	47	52	52
Rec_435-G	2	47	51	51	51	51	51	52	50	51	47	53	53
Rec_436-G	2	47	49	49	49	49	49	50	49	49	47	51	51
Rec_437-G	2	47	50	50	50	51	50	51	49	50	47	52	52
Rec_438-G	2	47	49	49	49	50	49	50	49	49	47	51	51
Rec_439-G	2	47	51	51	51	51	50	51	49	51	47	52	52
Rec_440-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_441-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_442-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_443-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_444-G	2	47	47	47	47	47	47	47	47	47	47	47	47
Rec_445-G	2	47	49	49	49	50	49	50	48	49	49	50	50
Rec_446-G	2	47	50	50	50	50	49	50	49	50	48	51	51
Rec_447-G	2	47	50	50	50	50	49	50	49	50	48	51	51
Rec_448-G	2	47	50	50	50	50	49	50	48	50	48	51	51
Rec_449-G	4	48	50	50	50	51	50	51	50	50	49	52	52
Rec_450-G	4	48	50	50	50	50	49	50	49	50	48	51	51
Rec_451-G	4	48	49	49	49	50	49	50	49	49	48	51	51
Rec_452-G	4	48	49	49	49	49	49	49	49	49	48	50	50
Rec_453-G	4	48	49	49	49	49	49	49	49	49	48	50	50
Rec_454-G	4	48	49	49	49	50	49	50	49	49	48	51	51
Rec_455-G	4	48	49	49	49	49	49	49	49	49	48	50	50
Rec_456-G	3	48	50	50	50	50	49	50	49	50	49	51	51
Rec_457-G	3	48	50	50	50	51	50	51	50	50	49	52	52
Rec_458-G	3	48	51	51	51	51	50	51	50	51	49	53	53
Rec_459-G	3	48	56	56	56	56	55	56	55	56	49	60	60
Rec_460-G	3	48	51	51	51	51	51	52	50	51	49	53	53
Rec_461-G	3	48	51	51	51	52	51	52	51	51	49	54	54
Rec_462-G	5	48	51	51	51	51	50	51	50	51	49	53	53
Rec_463-G	5	48	52	52	52	52	51	52	51	52	49	54	54
Rec_464-G	5	48	52	52	52	52	51	52	51	52	49	54	54
Rec_465-G	5	48	52	52	52	52	51	52	51	52	49	54	54
Rec_466-G	5	48	51	51	51	51	51	52	50	51	49	53	53
Rec_467-G	5	48	51	51	51	51	51	51	50	51	49	53	53
Rec_468-G	5	48	51	51	51	51	50	51	50	51	49	52	52
Rec_469-G	5	48	50	50	50	50	50	51	50	50	49	52	52
Rec_470-G	5	48	50	50	50	50	49	50	49	50	49	51	51

Ontario Regional Sports Complex EIR - Construction Noise Analysis, Nighttime (7 PM - 7 AM), Without Mitigation

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			STADIUM-Building Construction-Canopies w/Lighting, Finishes (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Exterior Envolope (Phase 1B, PA 1)	STADIUM-Building Construction-Foundations, FTGs, & Substructure (Phase 1B, PA 1)	STADIUM-Building Construction-Interior Finishes and Buildouts (Phase 1B, PA 1)	STADIUM-Building Construction-Superstructure-Columns, Elevated Decks (Phase 1B, PA 1)	STADIUM-Finishing/Landscaping (Phase 1B, PA 1)	STADIUM PARK STRUCT-Parking Structure Construction-MEP's, FP Rougn-ins (Phase 1B, PA 1)	PARK STRUCT B-Parking Structure Construction-MEP's, FP Rougn-ins (Phase 2, PA 5)	STADIUM-Utilities Trenching (Phase 1B, PA 1)	STADIUM PARK STRUCT-Utilities Trenching (Phase 1B, PA 1)
Rec_471-G	5	48	49	49	49	50	49	50	49	49	49	50	50
Rec_472-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_473-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_474-G	5	48	49	49	49	49	49	49	49	49	49	50	50
Rec_475-G	5	48	49	49	49	49	48	49	48	49	49	49	49

Ontario Regional Sports Complex EIR
Construction Noise Analysis, Predicted Construction-Related Traffic Noise

Receptor	Receptor Group	Predicted Traffic Noise Level, Leq,1hr			Increase Over Existing
		Existing	Construction	Total (Existing + Construction)	
Rec_1	5	62.1	55.5	63.0	0.9
Rec_2	5	62.9	56.5	63.8	0.9
Rec_3	5	62.8	56.7	63.8	1.0
Rec_4	5	62.9	56.9	63.9	1.0
Rec_5	5	63.6	57.1	64.5	0.9
Rec_6	5	62.5	56.2	63.4	0.9
Rec_7	5	62.8	56.9	63.8	1.0
Rec_8	5	63.3	56.9	64.2	0.9
Rec_9	5	63.4	56.8	64.3	0.9
Rec_10	5	63	56.5	63.9	0.9
Rec_11	5	63.7	56.2	64.4	0.7
Rec_12	5	62.4	56.1	63.3	0.9
Rec_13	5	58.2	51.7	59.1	0.9
Rec_14	5	56.4	50.5	57.4	1.0
Rec_15	5	41.8	33.9	42.5	0.7
Rec_16	5	43.1	35.3	43.8	0.7
Rec_17	5	42.2	34.1	42.8	0.6
Rec_18	5	41.9	33.7	42.5	0.6
Rec_19	5	42	33.8	42.6	0.6
Rec_20	5	41.2	33	41.8	0.6
Rec_21	5	41.5	33.3	42.1	0.6
Rec_22	5	41.3	33	41.9	0.6
Rec_23	5	41.2	32.4	41.7	0.5
Rec_24	5	41.9	31.1	42.2	0.3
Rec_25	5	46.8	31.4	46.9	0.1
Rec_26	5	57	50.7	57.9	0.9
Rec_27	5	56.1	49.4	56.9	0.8
Rec_28	5	55.5	48.4	56.3	0.8
Rec_29	5	54.6	47.8	55.4	0.8
Rec_30	5	54.2	47.7	55.1	0.9
Rec_31	5	53.7	47	54.5	0.8
Rec_32	5	52.2	45.1	53.0	0.8
Rec_33	5	45.4	37.8	46.1	0.7
Rec_34	5	43	35.1	43.7	0.7
Rec_35	5	43.9	36.1	44.6	0.7
Rec_36	5	43.7	36	44.4	0.7
Rec_37	5	43.6	36.4	44.4	0.8
Rec_38	5	42.2	34.5	42.9	0.7
Rec_39	5	45.4	39.6	46.4	1.0

Ontario Regional Sports Complex EIR
Construction Noise Analysis, Predicted Construction-Related Traffic Noise

Receptor	Receptor Group	Predicted Traffic Noise Level, Leq,1hr			Increase Over Existing
		Existing	Construction	Total (Existing + Construction)	
Rec_40	5	44.7	38	45.5	0.8
Rec_41	5	46.9	40.9	47.9	1.0
Rec_42	5	48.1	40.1	48.7	0.6
Rec_43	5	42	34.2	42.7	0.7
Rec_44	5	40.2	31.7	40.8	0.6
Rec_45	5	39.2	30.4	39.7	0.5
Rec_46	5	39.5	30.7	40.0	0.5
Rec_47	5	38.5	29.5	39.0	0.5
Rec_48	5	38.2	29.2	38.7	0.5
Rec_49	5	38.7	29.9	39.2	0.5
Rec_50	5	39.5	30.5	40.0	0.5
Rec_51	5	38.3	29.3	38.8	0.5
Rec_52	5	39.2	30.2	39.7	0.5
Rec_53	5	42.1	34.5	42.8	0.7
Rec_54	5	40.5	32.1	41.1	0.6
Rec_55	5	40	31.3	40.5	0.5
Rec_56	5	40	31.5	40.6	0.6
Rec_57	5	39	30.3	39.5	0.5
Rec_58	5	39	30.2	39.5	0.5
Rec_59	5	39.5	30.9	40.1	0.6
Rec_60	5	39.3	30.5	39.8	0.5
Rec_61	5	39	30.1	39.5	0.5
Rec_62	5	39.7	31.1	40.3	0.6
Rec_63	5	53.7	39.8	53.9	0.2
Rec_64	5	42.5	31.6	42.8	0.3
Rec_65	5	40.9	30.4	41.3	0.4
Rec_66	5	39.7	29.9	40.1	0.4
Rec_67	5	37.8	28.5	38.3	0.5
Rec_68	5	37.5	28	38.0	0.5
Rec_69	5	38.1	28.7	38.6	0.5
Rec_70	5	36.7	26.9	37.1	0.4
Rec_71	5	37.5	27.7	37.9	0.4
Rec_72	5	37.3	27.8	37.8	0.5
Rec_73	5	37.3	27.6	37.7	0.4
Rec_74	5	37.7	28.1	38.2	0.5
Rec_75	5	37.3	27.5	37.7	0.4
Rec_76	5	37.7	28.1	38.2	0.5
Rec_77	5	38	28.5	38.5	0.5
Rec_78	5	38.2	29	38.7	0.5
Rec_79	5	39.2	30.2	39.7	0.5
Rec_80	5	40	31.2	40.5	0.5

Ontario Regional Sports Complex EIR
Construction Noise Analysis, Predicted Construction-Related Traffic Noise

Receptor	Receptor Group	Predicted Traffic Noise Level, Leq,1hr			Increase Over Existing
		Existing	Construction	Total (Existing + Construction)	
Rec_81	5	39.1	30.1	39.6	0.5
Rec_82	5	38.5	29.3	39.0	0.5
Rec_83	5	38.2	28.8	38.7	0.5
Rec_84	5	38.6	29.3	39.1	0.5
Rec_85	5	37.7	28.2	38.2	0.5
Rec_86	5	37.7	28.2	38.2	0.5
Rec_87	5	38.1	28.9	38.6	0.5
Rec_88	5	37.6	28.2	38.1	0.5
Rec_89	5	37.5	28.1	38.0	0.5
Rec_90	5	37	27.6	37.5	0.5
Rec_91	5	37.6	27.9	38.0	0.4
Rec_92	5	37.4	27	37.8	0.4
Rec_93	5	37.4	27.2	37.8	0.4
Rec_94	5	37.7	27.6	38.1	0.4
Rec_95	5	37.4	27.2	37.8	0.4
Rec_96	5	37.9	27.8	38.3	0.4
Rec_97	5	38	28	38.4	0.4
Rec_98	5	38	28.2	38.4	0.4
Rec_99	5	38.9	29	39.3	0.4
Rec_100	5	39.6	30.5	40.1	0.5
Rec_101	5	38.8	29.5	39.3	0.5
Rec_102	5	38.6	28.9	39.0	0.4
Rec_103	5	38	28.5	38.5	0.5
Rec_104	5	38.2	28.6	38.7	0.5
Rec_105	5	37.9	28.3	38.4	0.5
Rec_106	5	37.6	27.8	38.0	0.4
Rec_107	5	37.6	28	38.1	0.5
Rec_108	5	36.9	27.4	37.4	0.5
Rec_109	5	37.3	27.5	37.7	0.4
Rec_110	5	36.6	26.7	37.0	0.4
Rec_111	5	36.3	25.2	36.6	0.3
Rec_112	5	36.6	25.4	36.9	0.3
Rec_113	5	36.8	25.6	37.1	0.3
Rec_114	5	37.3	25.7	37.6	0.3
Rec_115	5	37.3	25.9	37.6	0.3
Rec_116	5	38	26.6	38.3	0.3
Rec_117	5	38.4	27.2	38.7	0.3
Rec_118	5	38.9	27.2	39.2	0.3
Rec_119	5	40	29.5	40.4	0.4
Rec_120	5	39	28.9	39.4	0.4
Rec_121	5	37.7	26.9	38.0	0.3

Ontario Regional Sports Complex EIR
Construction Noise Analysis, Predicted Construction-Related Traffic Noise

Receptor	Receptor Group	Predicted Traffic Noise Level, Leq,1hr			Increase Over Existing
		Existing	Construction	Total (Existing + Construction)	
Rec_122	5	37.7	27	38.1	0.4
Rec_123	5	37.1	26.6	37.5	0.4
Rec_124	5	37.5	27.1	37.9	0.4
Rec_125	5	36.8	26.4	37.2	0.4
Rec_126	5	37	27	37.4	0.4
Rec_127	5	37.3	26.9	37.7	0.4
Rec_128	5	36.5	26.1	36.9	0.4
Rec_129	5	36	25.9	36.4	0.4
Rec_130	5	36.2	25.3	36.5	0.3
Rec_131	5	37	25.5	37.3	0.3
Rec_132	5	36.8	24.8	37.1	0.3
Rec_133	5	37.5	25.7	37.8	0.3
Rec_134	5	36.7	25.8	37.0	0.3
Rec_135	5	36.8	25.6	37.1	0.3
Rec_136	5	36.6	25.5	36.9	0.3
Rec_137	5	37.1	25.6	37.4	0.3
Rec_138	5	36.8	25	37.1	0.3
Rec_139	5	37.6	26.2	37.9	0.3
Rec_140	5	37.6	26	37.9	0.3
Rec_141	5	38.4	27	38.7	0.3
Rec_142	5	38.4	26.8	38.7	0.3
Rec_143	5	39.2	27.6	39.5	0.3
Rec_144	5	38.7	25.5	38.9	0.2
Rec_145	5	38.3	25.5	38.5	0.2
Rec_146	5	38	25.5	38.2	0.2
Rec_147	5	38	25.2	38.2	0.2
Rec_148	5	37.6	25.3	37.8	0.2
Rec_149	5	37.2	24.5	37.4	0.2
Rec_150	5	36.8	24.9	37.1	0.3
Rec_151	5	36.8	24.4	37.0	0.2
Rec_152	5	36.6	24.9	36.9	0.3
Rec_153	5	36.5	24.3	36.8	0.3
Rec_154	5	39.1	25.2	39.3	0.2
Rec_155	5	40.5	25.5	40.6	0.1
Rec_156	5	39.7	23	39.8	0.1
Rec_157	5	39.5	21.8	39.6	0.1
Rec_158	5	40.2	22.1	40.3	0.1
Rec_159	5	39.3	22.1	39.4	0.1
Rec_160	5	36.5	22.1	36.7	0.2
Rec_161	5	37.9	24.6	38.1	0.2
Rec_162	5	37.6	24.5	37.8	0.2

Ontario Regional Sports Complex EIR
Construction Noise Analysis, Predicted Construction-Related Traffic Noise

Receptor	Receptor Group	Predicted Traffic Noise Level, Leq,1hr			Increase Over Existing
		Existing	Construction	Total (Existing + Construction)	
Rec_163	5	39	24.5	39.2	0.2
Rec_164	5	38.8	25	39.0	0.2
Rec_165	5	39.4	24.9	39.6	0.2
Rec_166	5	39.5	26.9	39.7	0.2
Rec_167	5	38.6	26.1	38.8	0.2
Rec_168	5	38	25.7	38.2	0.2
Rec_169	5	37.7	25.5	38.0	0.3
Rec_170	5	37.3	25.7	37.6	0.3
Rec_171	5	37.5	24.3	37.7	0.2
Rec_172	5	42.4	22.9	42.4	0.0
Rec_173	5	43.7	22.5	43.7	0.0
Rec_174	5	44.9	22.1	44.9	0.0
Rec_175	5	49.2	20.9	49.2	0.0
Rec_176	5	50	22.1	50.0	0.0
Rec_177	5	50.7	23.2	50.7	0.0
Rec_178	5	47.9	24.9	47.9	0.0
Rec_179	5	43.6	24	43.6	0.0
Rec_180	5	43.6	24.5	43.7	0.1
Rec_181	5	42.1	25	42.2	0.1
Rec_182	5	41.3	24.8	41.4	0.1
Rec_183	5	41.6	26.3	41.7	0.1
Rec_184	5	42.2	25.3	42.3	0.1
Rec_185	5	44.9	26.6	45.0	0.1
Rec_186	5	46	26.2	46.0	0.0
Rec_187	5	50	26.1	50.0	0.0
Rec_188	5	64.6	17.9	64.6	0.0
Rec_189	5	65.4	11.5	65.4	0.0
Rec_190	5	64.8	13.2	64.8	0.0
Rec_191	5	65.9	10	65.9	0.0
Rec_192	5	64.6	12.9	64.6	0.0
Rec_193	5	67	7.8	67.0	0.0
Rec_194	5	58.6	32.3	58.6	0.0
Rec_195	5	56.2	32.2	56.2	0.0
Rec_196	5	55.3	33.1	55.3	0.0
Rec_197	5	54.4	32.9	54.4	0.0
Rec_198	5	52.6	33.2	52.6	0.0
Rec_199	5	52.6	33.5	52.7	0.1
Rec_200	5	52.2	33.3	52.3	0.1
Rec_201	5	50.8	33	50.9	0.1
Rec_202	5	50.9	33.4	51.0	0.1
Rec_203	5	50.3	33.5	50.4	0.1

Ontario Regional Sports Complex EIR
Construction Noise Analysis, Predicted Construction-Related Traffic Noise

Receptor	Receptor Group	Predicted Traffic Noise Level, Leq,1hr			Increase Over Existing
		Existing	Construction	Total (Existing + Construction)	
Rec_204	5	48.6	33.5	48.7	0.1
Rec_205	5	48.6	34.2	48.8	0.2
Rec_206	5	47.7	34.4	47.9	0.2
Rec_207	5	47.2	34.2	47.4	0.2
Rec_208	5	46.9	34.6	47.1	0.2
Rec_209	5	46.6	34.8	46.9	0.3
Rec_210	5	45.9	34.3	46.2	0.3
Rec_211	5	46.3	35.3	46.6	0.3
Rec_212	5	46.2	35.5	46.6	0.4
Rec_213	5	49	41.5	49.7	0.7
Rec_214	5	48.5	40.4	49.1	0.6
Rec_215	5	48	39.4	48.6	0.6
Rec_216	5	47.3	39.1	47.9	0.6
Rec_217	5	48.1	39.6	48.7	0.6
Rec_218	5	46.6	35.5	46.9	0.3
Rec_219	5	46.6	36	47.0	0.4
Rec_220	5	46.2	35.5	46.6	0.4
Rec_221	5	52.3	45.1	53.1	0.8
Rec_222	5	50.8	43.4	51.5	0.7
Rec_223	5	50.4	43.3	51.2	0.8
Rec_224	5	50.3	42.8	51.0	0.7
Rec_225	5	49.7	42.2	50.4	0.7
Rec_226	5	59.2	14.1	59.2	0.0
Rec_227	5	66.6	44	66.6	0.0
Rec_228	5	60.4	42.4	60.5	0.1
Rec_229	5	57.1	41.5	57.2	0.1
Rec_230	5	54.9	41.5	55.1	0.2
Rec_231	5	55.5	44.6	55.8	0.3
Rec_232	5	55.4	45.7	55.8	0.4
Rec_233	5	52.3	42.4	52.7	0.4
Rec_234	5	50.5	40.9	51.0	0.5
Rec_235	5	51	41.3	51.4	0.4
Rec_236	5	50.3	41.9	50.9	0.6
Rec_237	5	50.8	42.6	51.4	0.6
Rec_238	5	51	43.2	51.7	0.7
Rec_239	5	54.4	46.2	55.0	0.6
Rec_240	5	53.3	45.1	53.9	0.6
Rec_241	5	60.3	51.2	60.8	0.5
Rec_242	5	68.8	59.4	69.3	0.5
Rec_243	5	66.9	57.6	67.4	0.5
Rec_244	5	72.5	63.2	73.0	0.5

Ontario Regional Sports Complex EIR
Construction Noise Analysis, Predicted Construction-Related Traffic Noise

Receptor	Receptor Group	Predicted Traffic Noise Level, Leq,1hr			Increase Over Existing
		Existing	Construction	Total (Existing + Construction)	
Rec_245	5	61.1	51.9	61.6	0.5
Rec_246	5	56.4	47.4	56.9	0.5
Rec_247	5	53.1	44.8	53.7	0.6
Rec_248	5	50.5	42.4	51.1	0.6
Rec_249	5	51	43	51.6	0.6
Rec_250	5	47.8	39.6	48.4	0.6
Rec_251	5	47.2	38.8	47.8	0.6
Rec_252	5	46.8	38.9	47.5	0.7
Rec_253	5	47.8	38.9	48.3	0.5
Rec_254	5	51.1	41.9	51.6	0.5
Rec_255	5	48.4	40.4	49.0	0.6
Rec_256	5	48.8	40.4	49.4	0.6
Rec_257	5	46.9	39.1	47.6	0.7
Rec_258	5	48.6	41	49.3	0.7
Rec_259	5	48.6	41.9	49.4	0.8
Rec_260	5	48.5	40.2	49.1	0.6
Rec_261	5	47.4	38.8	48.0	0.6
Rec_262	5	46.7	37.6	47.2	0.5
Rec_263	5	48.6	39.8	49.1	0.5
Rec_264	5	48.2	37.8	48.6	0.4
Rec_265	5	46.2	36.1	46.6	0.4
Rec_266	5	44	35.1	44.5	0.5
Rec_267	5	43	35	43.6	0.6
Rec_268	5	40.7	32.5	41.3	0.6
Rec_269	5	45.7	37.7	46.3	0.6
Rec_271	5	48.8	39.8	49.3	0.5
Rec_272	5	49.5	39.7	49.9	0.4
Rec_273	5	49.6	39	50.0	0.4
Rec_274	5	48.1	38.7	48.6	0.5
Rec_275	5	51.1	39.5	51.4	0.3
Rec_276	5	50.1	40	50.5	0.4
Rec_277	5	51.3	40.5	51.6	0.3
Rec_278	5	53.8	35.5	53.9	0.1
Rec_279	5	55.4	34	55.4	0.0
Rec_280	5	52.4	40.2	52.7	0.3
Rec_281	5	57.6	38.4	57.7	0.1
Rec_282	5	61.7	39	61.7	0.0
Rec_283	5	58.4	38.5	58.4	0.0
Rec_284	5	62.3	39.6	62.3	0.0
Rec_285	5	66.8	42.1	66.8	0.0
Rec_286	5	68	39.7	68.0	0.0

Ontario Regional Sports Complex EIR
Construction Noise Analysis, Predicted Construction-Related Traffic Noise

Receptor	Receptor Group	Predicted Traffic Noise Level, Leq,1hr			Increase Over Existing
		Existing	Construction	Total (Existing + Construction)	
Rec_287	5	60.4	38.5	60.4	0.0
Rec_288	5	62.9	36.2	62.9	0.0
Rec_289	5	69.7	60.7	70.2	0.5
Rec_290	5	72.4	63.3	72.9	0.5
Rec_291	5	72.2	62.5	72.6	0.4
Rec_292	5	69.5	60.5	70.0	0.5
Rec_293	5	72.6	63.8	73.1	0.5
Rec_294	5	72.1	63.3	72.6	0.5
Rec_295	5	72.3	63.6	72.8	0.5
Rec_296	5	72.1	63.3	72.6	0.5
Rec_297	5	72.1	63.4	72.6	0.5
Rec_298	5	71.5	62.8	72.0	0.5
Rec_299	5	71.6	62.9	72.1	0.5
Rec_300	5	71.3	62.7	71.9	0.6
Rec_301	5	71.3	62.7	71.9	0.6
Rec_302	5	69.7	61.4	70.3	0.6
Rec_303	5	68.5	60.8	69.2	0.7
Rec_304	5	54.9	46.6	55.5	0.6
Rec_305	5	51.6	43.7	52.3	0.7
Rec_306	5	55	46.8	55.6	0.6
Rec_307	5	53.3	44.2	53.8	0.5
Rec_308	5	49.9	41.1	50.4	0.5
Rec_309	5	50.2	42.4	50.9	0.7
Rec_310	5	58.1	50.3	58.8	0.7
Rec_311	5	54.1	46.8	54.8	0.7
Rec_312	5	51.3	43.9	52.0	0.7
Rec_313	5	53.9	45.9	54.5	0.6
Rec_314	5	53.9	46	54.6	0.7
Rec_315	5	48.7	41.6	49.5	0.8
Rec_316	5	50.9	45.6	52.0	1.1
Rec_317	5	49.9	44.2	50.9	1.0
Rec_318	5	50.8	43.6	51.6	0.8
Rec_319	5	52.6	45.3	53.3	0.7
Rec_320	5	48.1	40.7	48.8	0.7
Rec_321	5	48.8	42.9	49.8	1.0
Rec_322	5	51.5	44.7	52.3	0.8
Rec_323	5	49.4	42.6	50.2	0.8
Rec_324	5	47.5	40.5	48.3	0.8
Rec_325	5	53.5	47.1	54.4	0.9
Rec_326	5	50.3	43.2	51.1	0.8
Rec_327	5	49.3	42	50.0	0.7

Ontario Regional Sports Complex EIR
Construction Noise Analysis, Predicted Construction-Related Traffic Noise

Receptor	Receptor Group	Predicted Traffic Noise Level, Leq,1hr			Increase Over Existing
		Existing	Construction	Total (Existing + Construction)	
Rec_328	5	70	50	70.0	0.0
Rec_329	5	69.6	49.3	69.6	0.0
Rec_330	5	70.1	45.8	70.1	0.0
Rec_331	5	70.2	45.6	70.2	0.0
Rec_332	5	70.6	45	70.6	0.0
Rec_333	5	58.6	48.8	59.0	0.4
Rec_334	5	54.2	42.5	54.5	0.3
Rec_335	5	55.5	46.6	56.0	0.5
Rec_336	5	53.9	44.4	54.4	0.5
Rec_337	5	52.5	42.4	52.9	0.4
Rec_338	5	56.6	42.1	56.8	0.2
Rec_339	5	53.1	43.5	53.6	0.5
Rec_340	5	50.6	41.8	51.1	0.5
Rec_341	5	52.9	43.9	53.4	0.5
Rec_342	5	51.5	45.1	52.4	0.9
Rec_343	5	51.2	44.2	52.0	0.8
Rec_344	5	51.6	45.7	52.6	1.0
Rec_345	5	49.6	43.5	50.6	1.0
Rec_346	5	46.6	39.3	47.3	0.7
Rec_347	5	46	38.2	46.7	0.7
Rec_348	5	47.9	41.2	48.7	0.8
Rec_349	5	48.3	42.2	49.3	1.0
Rec_350	5	48.1	40.2	48.8	0.7
Rec_351	5	46.6	39.1	47.3	0.7
Rec_352	5	47	40	47.8	0.8
Rec_353	5	54.4	46.3	55.0	0.6
Rec_354	5	53.2	45.5	53.9	0.7
Rec_355	5	50.8	40.7	51.2	0.4
Rec_356	5	49.1	39.3	49.5	0.4
Rec_357	5	70.4	44	70.4	0.0
Rec_358	5	68.1	40.7	68.1	0.0
Rec_359	5	52.3	43.6	52.8	0.5
Rec_360	5	50.1	39.9	50.5	0.4
Rec_361	5	50.6	40.1	51.0	0.4
Rec_362	5	50.9	42.2	51.4	0.5
Rec_363	5	50	39.8	50.4	0.4
Rec_364	5	50.7	39.9	51.0	0.3
Rec_365	5	51.3	42.5	51.8	0.5
Rec_366	5	51.5	42.1	52.0	0.5
Rec_367	5	51.1	42.3	51.6	0.5
Rec_368	5	51	41.8	51.5	0.5

Ontario Regional Sports Complex EIR
Construction Noise Analysis, Predicted Construction-Related Traffic Noise

Receptor	Receptor Group	Predicted Traffic Noise Level, Leq,1hr			Increase Over Existing
		Existing	Construction	Total (Existing + Construction)	
Rec_369	5	48.8	42.5	49.7	0.9
Rec_370	5	51.2	43	51.8	0.6
Rec_371	5	49.4	40	49.9	0.5
Rec_372	5	50.1	40.9	50.6	0.5
Rec_373	5	50.1	41.1	50.6	0.5
Rec_374	5	47.3	37.6	47.7	0.4
Rec_375	5	48	38.8	48.5	0.5
Rec_376	5	52.4	44.7	53.1	0.7
Rec_377	5	48.8	39	49.2	0.4
Rec_378	5	49.2	39.2	49.6	0.4
Rec_379	5	50.9	37.6	51.1	0.2
Rec_380	5	54.9	41.8	55.1	0.2
Rec_381	5	69.7	42.2	69.7	0.0
Rec_382	5	70.1	41.8	70.1	0.0
Rec_383	5	64	37.8	64.0	0.0
Rec_384	5	51.2	40.2	51.5	0.3
Rec_385	5	68.8	39.4	68.8	0.0
Rec_386	5	69.6	39.5	69.6	0.0
Rec_387	5	68.3	37.1	68.3	0.0
Rec_388	5	68.2	37.3	68.2	0.0
Rec_389	5	46.1	33.3	46.3	0.2
Rec_390	5	50.4	35.5	50.5	0.1
Rec_391	5	49.8	37.8	50.1	0.3
Rec_392	5	51.7	34.8	51.8	0.1
Rec_393	5	51.5	38.1	51.7	0.2
Rec_394	5	51.1	38	51.3	0.2
Rec_395	5	50.8	37.1	51.0	0.2
Rec_396	5	49.9	36.1	50.1	0.2
Rec_397	5	47.9	38.3	48.4	0.5
Rec_398	5	48.3	37.6	48.7	0.4
Rec_399	5	50.1	40.4	50.5	0.4
Rec_400	5	48.6	38.4	49.0	0.4
Rec_401	5	46.8	37.2	47.3	0.5
Rec_402	5	69	60	69.5	0.5
Rec_403	5	65.4	56.5	65.9	0.5
Rec_404	5	63.8	55	64.3	0.5
Rec_405	5	61.1	52.4	61.6	0.5
Rec_406	5	57.4	49	58.0	0.6
Rec_407	5	58.3	50.2	58.9	0.6
Rec_408	5	56.3	48.7	57.0	0.7
Rec_409	5	55	47.2	55.7	0.7

Ontario Regional Sports Complex EIR
Construction Noise Analysis, Predicted Construction-Related Traffic Noise

Receptor	Receptor Group	Predicted Traffic Noise Level, Leq,1hr			Increase Over Existing
		Existing	Construction	Total (Existing + Construction)	
Rec_410	5	54.1	46.4	54.8	0.7
Rec_411	5	51.3	44.7	52.2	0.9
Rec_412	5	52	45.3	52.8	0.8
Rec_413	5	48.4	41.6	49.2	0.8
Rec_414	5	50.3	19.7	50.3	0.0
Rec_415	5	52.9	21.8	52.9	0.0
Rec_416	5	45.9	23	45.9	0.0
Rec_417a	5	54.4	26.7	54.4	0.0
Rec_417b	5	57.2	26.7	57.2	0.0
Rec_418	5	52	25.4	52.0	0.0
Rec_419	5	56.8	24.8	56.8	0.0
Rec_420	5	68.9	59.6	69.4	0.5
Rec_421	5	66.6	57.4	67.1	0.5
Rec_422	5	48	40.1	48.7	0.7
Rec_423	5	55.5	47.8	56.2	0.7
Rec_424	5	49.2	41.6	49.9	0.7
Rec_425	5	51.9	44.8	52.7	0.8
Rec_426a	5	50.5	43	51.2	0.7
Rec_426b	5	71.1	43	71.1	0.0
Rec_427	5	41.8	32.9	42.3	0.5
Rec_428	5	51.9	43.4	52.5	0.6
Rec_429	5	54.8	45.8	55.3	0.5
Rec_430	5	50.9	42.4	51.5	0.6
Rec_431	5	54.2	45.3	54.7	0.5
Rec_432	5	49.7	41.5	50.3	0.6
Rec_433	5	53.5	44.6	54.0	0.5
Rec_434	5	49.5	41.3	50.1	0.6
Rec_435	5	53.3	44.4	53.8	0.5
Rec_436	5	47.1	38.8	47.7	0.6
Rec_437	5	50.9	42	51.4	0.5
Rec_438	5	47.2	39	47.8	0.6
Rec_439	5	51.2	42.2	51.7	0.5
Rec_440	5	48.6	39.5	49.1	0.5
Rec_441	5	44	35.1	44.5	0.5
Rec_442	5	47.8	37.5	48.2	0.4
Rec_443	5	49.3	38.4	49.6	0.3
Rec_444	5	49.2	38	49.5	0.3
Rec_445	5	42.6	33.9	43.1	0.5
Rec_446	5	43.2	34.2	43.7	0.5
Rec_447	5	43.1	34.2	43.6	0.5
Rec_448	5	43.3	34.2	43.8	0.5

Ontario Regional Sports Complex EIR
Construction Noise Analysis, Predicted Construction-Related Traffic Noise

Receptor	Receptor Group	Predicted Traffic Noise Level, Leq,1hr			Increase Over Existing
		Existing	Construction	Total (Existing + Construction)	
Rec_449	5	57.8	50.2	58.5	0.7
Rec_450	5	60.7	52.4	61.3	0.6
Rec_451	5	57.5	49.6	58.2	0.7
Rec_452	5	55.2	47.5	55.9	0.7
Rec_453	5	56.1	48.1	56.7	0.6
Rec_454	5	65.5	56.5	66.0	0.5
Rec_455	5	51.7	44	52.4	0.7
Rec_456	5	49	41.5	49.7	0.7
Rec_457	5	47.6	40.2	48.3	0.7
Rec_458	5	50.5	43	51.2	0.7
Rec_459	5	63.7	54.5	64.2	0.5
Rec_460	5	62.3	53.8	62.9	0.6
Rec_461	5	57.1	48.7	57.7	0.6
Rec_462	5	73.3	63.6	73.7	0.4
Rec_463	5	63.6	55.1	64.2	0.6
Rec_464	5	59.8	52.1	60.5	0.7
Rec_465	5	56.5	49.3	57.3	0.8
Rec_466	5	53.1	45.2	53.8	0.7
Rec_467	5	50.8	42.2	51.4	0.6
Rec_468	5	49.2	40.1	49.7	0.5
Rec_469	5	48.6	38	49.0	0.4
Rec_470	5	48.9	36.8	49.2	0.3
Rec_471	5	50.5	36	50.7	0.2
Rec_472	5	53.2	35.6	53.3	0.1
Rec_473	5	55.8	34.8	55.8	0.0
Rec_474	5	59.6	33.9	59.6	0.0
Rec_475	5	67.7	30.4	67.7	0.0

ATTACHMENT B. PREDICTED CONSTRUCTION VIBRATION LEVELS

Ontario Regional Sports Complex EIR
FTA Construction Vibration Calcuations - Structural Damage & Annoyance

Receptor	Land Use	FTA Land Use Category	Distance from Work (feet)	Vibe (PPV in/sec)			Vibe (VdB)			Building Type Structural
				Vibratory Roller	Large Bulldozer	Loaded Trucks	Vibratory Roller	Large Bulldozer	Loaded Trucks	Type III
Rec_1	Residential	2	282.7	0.0146	0.0062	0.0062	6.5	6.0	6.0	No
Rec_2	Residential	2	375.2	0.0107	0.0045	0.0045	4.8	4.4	4.4	No
Rec_3	Residential	2	430.5	0.0092	0.0039	0.0039	4.1	3.8	3.8	No
Rec_4	Residential	2	475.3	0.0082	0.0035	0.0035	3.7	3.4	3.4	No
Rec_5	Residential	2	541.6	0.0071	0.0030	0.0030	3.2	3.0	3.0	No
Rec_6	Residential	2	588.2	0.0065	0.0028	0.0028	2.9	2.7	2.7	No
Rec_7	Residential	2	646.9	0.0059	0.0025	0.0025	2.6	2.4	2.4	No
Rec_8	Residential	2	696.9	0.0054	0.0023	0.0023	2.4	2.2	2.2	No
Rec_9	Residential	2	758.6	0.0049	0.0021	0.0021	2.2	2.0	2.0	No
Rec_10	Residential	2	815.1	0.0045	0.0019	0.0019	2.0	1.9	1.9	No
Rec_11	Residential	2	864.5	0.0043	0.0018	0.0018	1.9	1.8	1.8	No
Rec_12	Residential	2	236.3	0.0177	0.0075	0.0075	7.9	7.4	7.4	No
Rec_13	Residential	2	190.2	0.0225	0.0095	0.0095	10.1	9.3	9.3	No
Rec_14	Residential	2	188.1	0.0228	0.0097	0.0097	10.2	9.4	9.4	No
Rec_15	Residential	2	370.9	0.0108	0.0046	0.0046	4.8	4.5	4.5	No
Rec_16	Residential	2	439.0	0.0090	0.0038	0.0038	4.0	3.7	3.7	No
Rec_17	Residential	2	482.0	0.0081	0.0034	0.0034	3.6	3.4	3.4	No
Rec_18	Residential	2	537.9	0.0072	0.0030	0.0030	3.2	3.0	3.0	No
Rec_19	Residential	2	593.2	0.0064	0.0027	0.0027	2.9	2.7	2.7	No
Rec_20	Residential	2	640.3	0.0059	0.0025	0.0025	2.7	2.5	2.5	No
Rec_21	Residential	2	704.2	0.0053	0.0023	0.0023	2.4	2.2	2.2	No
Rec_22	Residential	2	761.3	0.0049	0.0021	0.0021	2.2	2.0	2.0	No
Rec_23	Residential	2	811.8	0.0046	0.0019	0.0019	2.0	1.9	1.9	No
Rec_24	Residential	2	870.6	0.0042	0.0018	0.0018	1.9	1.8	1.8	No
Rec_25	Residential	2	924.7	0.0040	0.0017	0.0017	1.8	1.6	1.6	No
Rec_26	Residential	2	192.4	0.0222	0.0094	0.0094	10.0	9.2	9.2	No
Rec_27	Residential	2	194.4	0.0220	0.0093	0.0093	9.8	9.1	9.1	No
Rec_28	Residential	2	188.8	0.0227	0.0096	0.0096	10.2	9.4	9.4	No
Rec_29	Residential	2	192.0	0.0223	0.0095	0.0095	10.0	9.2	9.2	No
Rec_30	Residential	2	194.5	0.0220	0.0093	0.0093	9.8	9.1	9.1	No
Rec_31	Residential	2	190.7	0.0225	0.0095	0.0095	10.1	9.3	9.3	No
Rec_32	Residential	2	191.5	0.0224	0.0095	0.0095	10.0	9.3	9.3	No
Rec_33	Residential	2	376.3	0.0106	0.0045	0.0045	4.8	4.4	4.4	No
Rec_34	Residential	2	434.5	0.0091	0.0038	0.0038	4.1	3.8	3.8	No
Rec_35	Residential	2	488.0	0.0080	0.0034	0.0034	3.6	3.3	3.3	No
Rec_36	Residential	2	543.8	0.0071	0.0030	0.0030	3.2	2.9	2.9	No
Rec_37	Residential	2	607.3	0.0063	0.0027	0.0027	2.8	2.6	2.6	No

Ontario Regional Sports Complex EIR
FTA Construction Vibration Calcuations - Structural Damage & Annoyance

Receptor	Land Use	FTA Land Use Category	Distance from Work (feet)	Vibe (PPV in/sec)			Vibe (VdB)			Building Type Structural
				Vibratory Roller	Large Bulldozer	Loaded Trucks	Vibratory Roller	Large Bulldozer	Loaded Trucks	Type III
Rec_38	Residential	2	670.6	0.0056	0.0024	0.0024	2.5	2.3	2.3	No
Rec_39	Residential	2	728.8	0.0051	0.0022	0.0022	2.3	2.1	2.1	No
Rec_40	Residential	2	786.4	0.0047	0.0020	0.0020	2.1	2.0	2.0	No
Rec_41	Residential	2	846.3	0.0044	0.0018	0.0018	2.0	1.8	1.8	No
Rec_42	Residential	2	897.5	0.0041	0.0017	0.0017	1.8	1.7	1.7	No
Rec_43	Residential	2	358.0	0.0112	0.0048	0.0048	5.0	4.7	4.7	No
Rec_44	Residential	2	431.9	0.0091	0.0039	0.0039	4.1	3.8	3.8	No
Rec_45	Residential	2	484.9	0.0080	0.0034	0.0034	3.6	3.3	3.3	No
Rec_46	Residential	2	535.5	0.0072	0.0031	0.0031	3.2	3.0	3.0	No
Rec_47	Residential	2	596.0	0.0064	0.0027	0.0027	2.9	2.7	2.7	No
Rec_48	Residential	2	640.2	0.0059	0.0025	0.0025	2.7	2.5	2.5	No
Rec_49	Residential	2	690.8	0.0055	0.0023	0.0023	2.4	2.3	2.3	No
Rec_50	Residential	2	762.9	0.0049	0.0021	0.0021	2.2	2.0	2.0	No
Rec_51	Residential	2	826.3	0.0045	0.0019	0.0019	2.0	1.9	1.9	No
Rec_52	Residential	2	871.1	0.0042	0.0018	0.0018	1.9	1.8	1.8	No
Rec_53	Residential	2	375.0	0.0107	0.0045	0.0045	4.8	4.4	4.4	No
Rec_54	Residential	2	433.2	0.0091	0.0039	0.0039	4.1	3.8	3.8	No
Rec_55	Residential	2	484.4	0.0081	0.0034	0.0034	3.6	3.3	3.3	No
Rec_56	Residential	2	542.6	0.0071	0.0030	0.0030	3.2	2.9	2.9	No
Rec_57	Residential	2	593.8	0.0064	0.0027	0.0027	2.9	2.7	2.7	No
Rec_58	Residential	2	652.0	0.0058	0.0025	0.0025	2.6	2.4	2.4	No
Rec_59	Residential	2	702.6	0.0054	0.0023	0.0023	2.4	2.2	2.2	No
Rec_60	Residential	2	763.6	0.0049	0.0021	0.0021	2.2	2.0	2.0	No
Rec_61	Residential	2	810.8	0.0046	0.0019	0.0019	2.0	1.9	1.9	No
Rec_62	Residential	2	874.2	0.0042	0.0018	0.0018	1.9	1.7	1.7	No
Rec_63	Residential	2	961.5	0.0038	0.0016	0.0016	1.7	1.6	1.6	No
Rec_64	Residential	2	925.6	0.0040	0.0017	0.0017	1.8	1.6	1.6	No
Rec_65	Residential	2	916.0	0.0040	0.0017	0.0017	1.8	1.7	1.7	No
Rec_66	Residential	2	913.9	0.0040	0.0017	0.0017	1.8	1.7	1.7	No
Rec_67	Residential	2	918.5	0.0040	0.0017	0.0017	1.8	1.7	1.7	No
Rec_68	Residential	2	914.8	0.0040	0.0017	0.0017	1.8	1.7	1.7	No
Rec_69	Residential	2	921.5	0.0040	0.0017	0.0017	1.8	1.6	1.6	No
Rec_70	Residential	2	875.7	0.0042	0.0018	0.0018	1.9	1.7	1.7	No
Rec_71	Residential	2	816.3	0.0045	0.0019	0.0019	2.0	1.9	1.9	No
Rec_72	Residential	2	762.2	0.0049	0.0021	0.0021	2.2	2.0	2.0	No
Rec_73	Residential	2	707.6	0.0053	0.0023	0.0023	2.4	2.2	2.2	No
Rec_74	Residential	2	653.4	0.0058	0.0025	0.0025	2.6	2.4	2.4	No

Ontario Regional Sports Complex EIR
FTA Construction Vibration Calcuations - Structural Damage & Annoyance

Receptor	Land Use	FTA Land Use Category	Distance from Work (feet)	Vibe (PPV in/sec)			Vibe (VdB)			Building Type Structural
				Vibratory Roller	Large Bulldozer	Loaded Trucks	Vibratory Roller	Large Bulldozer	Loaded Trucks	Type III
Rec_75	Residential	2	598.2	0.0064	0.0027	0.0027	2.9	2.6	2.6	No
Rec_76	Residential	2	546.4	0.0071	0.0030	0.0030	3.2	2.9	2.9	No
Rec_77	Residential	2	486.5	0.0080	0.0034	0.0034	3.6	3.3	3.3	No
Rec_78	Residential	2	435.9	0.0090	0.0038	0.0038	4.1	3.7	3.7	No
Rec_79	Residential	2	380.1	0.0105	0.0045	0.0045	4.7	4.4	4.4	No
Rec_80	Residential	2	380.8	0.0105	0.0045	0.0045	4.7	4.4	4.4	No
Rec_81	Residential	2	434.9	0.0091	0.0038	0.0038	4.1	3.8	3.8	No
Rec_82	Residential	2	489.0	0.0080	0.0034	0.0034	3.6	3.3	3.3	No
Rec_83	Residential	2	542.0	0.0071	0.0030	0.0030	3.2	3.0	3.0	No
Rec_84	Residential	2	596.6	0.0064	0.0027	0.0027	2.9	2.7	2.7	No
Rec_85	Residential	2	653.0	0.0058	0.0025	0.0025	2.6	2.4	2.4	No
Rec_86	Residential	2	706.6	0.0053	0.0023	0.0023	2.4	2.2	2.2	No
Rec_87	Residential	2	764.1	0.0049	0.0021	0.0021	2.2	2.0	2.0	No
Rec_88	Residential	2	817.1	0.0045	0.0019	0.0019	2.0	1.9	1.9	No
Rec_89	Residential	2	872.9	0.0042	0.0018	0.0018	1.9	1.7	1.7	No
Rec_90	Residential	2	796.9	0.0047	0.0020	0.0020	2.1	1.9	1.9	No
Rec_91	Residential	2	800.6	0.0046	0.0020	0.0020	2.1	1.9	1.9	No
Rec_92	Residential	2	754.7	0.0049	0.0021	0.0021	2.2	2.0	2.0	No
Rec_93	Residential	2	700.6	0.0054	0.0023	0.0023	2.4	2.2	2.2	No
Rec_94	Residential	2	644.7	0.0059	0.0025	0.0025	2.6	2.4	2.4	No
Rec_95	Residential	2	594.7	0.0064	0.0027	0.0027	2.9	2.7	2.7	No
Rec_96	Residential	2	534.2	0.0072	0.0031	0.0031	3.2	3.0	3.0	No
Rec_97	Residential	2	477.2	0.0082	0.0035	0.0035	3.7	3.4	3.4	No
Rec_98	Residential	2	423.0	0.0094	0.0040	0.0040	4.2	3.9	3.9	No
Rec_99	Residential	2	367.2	0.0109	0.0046	0.0046	4.9	4.5	4.5	No
Rec_100	Residential	2	367.4	0.0109	0.0046	0.0046	4.9	4.5	4.5	No
Rec_101	Residential	2	427.3	0.0092	0.0039	0.0039	4.1	3.8	3.8	No
Rec_102	Residential	2	481.4	0.0081	0.0034	0.0034	3.6	3.4	3.4	No
Rec_103	Residential	2	535.6	0.0072	0.0031	0.0031	3.2	3.0	3.0	No
Rec_104	Residential	2	591.4	0.0065	0.0027	0.0027	2.9	2.7	2.7	No
Rec_105	Residential	2	644.9	0.0059	0.0025	0.0025	2.6	2.4	2.4	No
Rec_106	Residential	2	697.3	0.0054	0.0023	0.0023	2.4	2.2	2.2	No
Rec_107	Residential	2	750.2	0.0050	0.0021	0.0021	2.2	2.1	2.1	No
Rec_108	Residential	2	794.1	0.0047	0.0020	0.0020	2.1	1.9	1.9	No
Rec_109	Residential	2	795.6	0.0047	0.0020	0.0020	2.1	1.9	1.9	No
Rec_110	Residential	2	805.0	0.0046	0.0020	0.0020	2.1	1.9	1.9	No
Rec_111	Residential	2	757.0	0.0049	0.0021	0.0021	2.2	2.0	2.0	No

Ontario Regional Sports Complex EIR
FTA Construction Vibration Calcuations - Structural Damage & Annoyance

Receptor	Land Use	FTA Land Use Category	Distance from Work (feet)	Vibe (PPV in/sec)			Vibe (VdB)			Building Type Structural
				Vibratory Roller	Large Bulldozer	Loaded Trucks	Vibratory Roller	Large Bulldozer	Loaded Trucks	Type III
Rec_112	Residential	2	700.0	0.0054	0.0023	0.0023	2.4	2.2	2.2	No
Rec_113	Residential	2	644.1	0.0059	0.0025	0.0025	2.6	2.4	2.4	No
Rec_114	Residential	2	589.5	0.0065	0.0028	0.0028	2.9	2.7	2.7	No
Rec_115	Residential	2	537.7	0.0072	0.0030	0.0030	3.2	3.0	3.0	No
Rec_116	Residential	2	481.3	0.0081	0.0034	0.0034	3.6	3.4	3.4	No
Rec_117	Residential	2	427.2	0.0093	0.0039	0.0039	4.1	3.8	3.8	No
Rec_118	Residential	2	368.4	0.0109	0.0046	0.0046	4.9	4.5	4.5	No
Rec_119	Residential	2	372.1	0.0108	0.0046	0.0046	4.8	4.5	4.5	No
Rec_120	Residential	2	426.3	0.0093	0.0039	0.0039	4.2	3.8	3.8	No
Rec_121	Residential	2	478.0	0.0082	0.0035	0.0035	3.7	3.4	3.4	No
Rec_122	Residential	2	533.9	0.0072	0.0031	0.0031	3.2	3.0	3.0	No
Rec_123	Residential	2	589.7	0.0065	0.0028	0.0028	2.9	2.7	2.7	No
Rec_124	Residential	2	643.8	0.0059	0.0025	0.0025	2.6	2.4	2.4	No
Rec_125	Residential	2	701.4	0.0054	0.0023	0.0023	2.4	2.2	2.2	No
Rec_126	Residential	2	755.5	0.0049	0.0021	0.0021	2.2	2.0	2.0	No
Rec_127	Residential	2	798.9	0.0046	0.0020	0.0020	2.1	1.9	1.9	No
Rec_128	Residential	2	797.4	0.0047	0.0020	0.0020	2.1	1.9	1.9	No
Rec_129	Residential	2	801.7	0.0046	0.0020	0.0020	2.1	1.9	1.9	No
Rec_130	Residential	2	912.1	0.0040	0.0017	0.0017	1.8	1.7	1.7	No
Rec_131	Residential	2	909.9	0.0040	0.0017	0.0017	1.8	1.7	1.7	No
Rec_132	Residential	2	909.3	0.0040	0.0017	0.0017	1.8	1.7	1.7	No
Rec_133	Residential	2	909.9	0.0040	0.0017	0.0017	1.8	1.7	1.7	No
Rec_134	Residential	2	862.2	0.0043	0.0018	0.0018	1.9	1.8	1.8	No
Rec_135	Residential	2	809.2	0.0046	0.0019	0.0019	2.1	1.9	1.9	No
Rec_136	Residential	2	756.9	0.0049	0.0021	0.0021	2.2	2.0	2.0	No
Rec_137	Residential	2	701.0	0.0054	0.0023	0.0023	2.4	2.2	2.2	No
Rec_138	Residential	2	648.1	0.0058	0.0025	0.0025	2.6	2.4	2.4	No
Rec_139	Residential	2	589.9	0.0065	0.0027	0.0027	2.9	2.7	2.7	No
Rec_140	Residential	2	537.0	0.0072	0.0030	0.0030	3.2	3.0	3.0	No
Rec_141	Residential	2	483.5	0.0081	0.0034	0.0034	3.6	3.3	3.3	No
Rec_142	Residential	2	427.6	0.0092	0.0039	0.0039	4.1	3.8	3.8	No
Rec_143	Residential	2	371.2	0.0108	0.0046	0.0046	4.8	4.5	4.5	No
Rec_144	Residential	2	368.9	0.0109	0.0046	0.0046	4.9	4.5	4.5	No
Rec_145	Residential	2	428.8	0.0092	0.0039	0.0039	4.1	3.8	3.8	No
Rec_146	Residential	2	477.1	0.0082	0.0035	0.0035	3.7	3.4	3.4	No
Rec_147	Residential	2	538.7	0.0072	0.0030	0.0030	3.2	3.0	3.0	No
Rec_148	Residential	2	591.7	0.0065	0.0027	0.0027	2.9	2.7	2.7	No

Ontario Regional Sports Complex EIR
FTA Construction Vibration Calcuations - Structural Damage & Annoyance

Receptor	Land Use	FTA Land Use Category	Distance from Work (feet)	Vibe (PPV in/sec)			Vibe (VdB)			Building Type Structural
				Vibratory Roller	Large Bulldozer	Loaded Trucks	Vibratory Roller	Large Bulldozer	Loaded Trucks	Type III
Rec_149	Residential	2	644.6	0.0059	0.0025	0.0025	2.6	2.4	2.4	No
Rec_150	Residential	2	699.3	0.0054	0.0023	0.0023	2.4	2.2	2.2	No
Rec_151	Residential	2	755.7	0.0049	0.0021	0.0021	2.2	2.0	2.0	No
Rec_152	Residential	2	812.1	0.0046	0.0019	0.0019	2.0	1.9	1.9	No
Rec_153	Residential	2	866.2	0.0043	0.0018	0.0018	1.9	1.8	1.8	No
Rec_154	Residential	2	909.9	0.0040	0.0017	0.0017	1.8	1.7	1.7	No
Rec_155	Residential	2	914.0	0.0040	0.0017	0.0017	1.8	1.7	1.7	No
Rec_156	Residential	2	868.6	0.0042	0.0018	0.0018	1.9	1.8	1.8	No
Rec_157	Residential	2	807.0	0.0046	0.0019	0.0019	2.1	1.9	1.9	No
Rec_158	Residential	2	757.5	0.0049	0.0021	0.0021	2.2	2.0	2.0	No
Rec_159	Residential	2	705.2	0.0053	0.0023	0.0023	2.4	2.2	2.2	No
Rec_160	Residential	2	648.2	0.0058	0.0025	0.0025	2.6	2.4	2.4	No
Rec_161	Residential	2	592.3	0.0065	0.0027	0.0027	2.9	2.7	2.7	No
Rec_162	Residential	2	537.6	0.0072	0.0030	0.0030	3.2	3.0	3.0	No
Rec_163	Residential	2	465.1	0.0084	0.0036	0.0036	3.8	3.5	3.5	No
Rec_164	Residential	2	430.6	0.0092	0.0039	0.0039	4.1	3.8	3.8	No
Rec_165	Residential	2	370.1	0.0108	0.0046	0.0046	4.8	4.5	4.5	No
Rec_166	Residential	2	372.4	0.0108	0.0046	0.0046	4.8	4.5	4.5	No
Rec_167	Residential	2	425.9	0.0093	0.0039	0.0039	4.2	3.8	3.8	No
Rec_168	Residential	2	484.1	0.0081	0.0034	0.0034	3.6	3.3	3.3	No
Rec_169	Residential	2	540.0	0.0072	0.0030	0.0030	3.2	3.0	3.0	No
Rec_170	Residential	2	598.1	0.0064	0.0027	0.0027	2.9	2.6	2.6	No
Rec_171	Residential	2	689.5	0.0055	0.0023	0.0023	2.4	2.3	2.3	No
Rec_172	Residential	2	730.2	0.0051	0.0022	0.0022	2.3	2.1	2.1	No
Rec_173	Residential	2	737.2	0.0051	0.0022	0.0022	2.3	2.1	2.1	No
Rec_174	Residential	2	730.2	0.0051	0.0022	0.0022	2.3	2.1	2.1	No
Rec_175	Residential	2	736.1	0.0051	0.0022	0.0022	2.3	2.1	2.1	No
Rec_176	Residential	2	734.9	0.0051	0.0022	0.0022	2.3	2.1	2.1	No
Rec_177	Residential	2	730.9	0.0051	0.0022	0.0022	2.3	2.1	2.1	No
Rec_178	Residential	2	435.3	0.0091	0.0038	0.0038	4.1	3.8	3.8	No
Rec_179	Residential	2	412.6	0.0096	0.0041	0.0041	4.3	4.0	4.0	No
Rec_180	Residential	2	431.8	0.0091	0.0039	0.0039	4.1	3.8	3.8	No
Rec_181	Residential	2	426.0	0.0093	0.0039	0.0039	4.2	3.8	3.8	No
Rec_182	Residential	2	429.5	0.0092	0.0039	0.0039	4.1	3.8	3.8	No
Rec_183	Residential	2	491.1	0.0079	0.0034	0.0034	3.6	3.3	3.3	No
Rec_184	Residential	2	512.7	0.0076	0.0032	0.0032	3.4	3.1	3.1	No
Rec_185	Residential	2	497.0	0.0078	0.0033	0.0033	3.5	3.2	3.2	No

Ontario Regional Sports Complex EIR
FTA Construction Vibration Calcuations - Structural Damage & Annoyance

Receptor	Land Use	FTA Land Use Category	Distance from Work (feet)	Vibe (PPV in/sec)			Vibe (VdB)			Building Type Structural
				Vibratory Roller	Large Bulldozer	Loaded Trucks	Vibratory Roller	Large Bulldozer	Loaded Trucks	Type III
Rec_186	Residential	2	498.7	0.0078	0.0033	0.0033	3.5	3.2	3.2	No
Rec_187	Residential	2	491.2	0.0079	0.0034	0.0034	3.6	3.3	3.3	No
Rec_188	Residential	2	664.0	0.0057	0.0024	0.0024	2.5	2.4	2.4	No
Rec_189	Residential	2	594.8	0.0064	0.0027	0.0027	2.9	2.7	2.7	No
Rec_190	Residential	2	536.6	0.0072	0.0031	0.0031	3.2	3.0	3.0	No
Rec_191	Residential	2	482.6	0.0081	0.0034	0.0034	3.6	3.4	3.4	No
Rec_192	Residential	2	429.0	0.0092	0.0039	0.0039	4.1	3.8	3.8	No
Rec_193	Residential	2	371.0	0.0108	0.0046	0.0046	4.8	4.5	4.5	No
Rec_194	Residential	2	195.7	0.0218	0.0093	0.0093	9.8	9.0	9.0	No
Rec_195	Residential	2	205.0	0.0208	0.0088	0.0088	9.3	8.6	8.6	No
Rec_196	Residential	2	197.4	0.0216	0.0092	0.0092	9.7	9.0	9.0	No
Rec_197	Residential	2	195.6	0.0218	0.0093	0.0093	9.8	9.0	9.0	No
Rec_198	Residential	2	206.7	0.0206	0.0087	0.0087	9.2	8.5	8.5	No
Rec_199	Residential	2	196.8	0.0217	0.0092	0.0092	9.7	9.0	9.0	No
Rec_200	Residential	2	197.4	0.0216	0.0092	0.0092	9.7	9.0	9.0	No
Rec_201	Residential	2	204.9	0.0208	0.0088	0.0088	9.3	8.6	8.6	No
Rec_202	Residential	2	193.8	0.0221	0.0094	0.0094	9.9	9.1	9.1	No
Rec_203	Residential	2	196.2	0.0218	0.0092	0.0092	9.7	9.0	9.0	No
Rec_204	Residential	2	204.3	0.0208	0.0088	0.0088	9.3	8.6	8.6	No
Rec_205	Residential	2	195.6	0.0219	0.0093	0.0093	9.8	9.1	9.1	No
Rec_206	Residential	2	195.5	0.0219	0.0093	0.0093	9.8	9.1	9.1	No
Rec_207	Residential	2	204.3	0.0208	0.0088	0.0088	9.3	8.6	8.6	No
Rec_208	Residential	2	192.0	0.0223	0.0094	0.0094	10.0	9.2	9.2	No
Rec_209	Residential	2	192.6	0.0222	0.0094	0.0094	9.9	9.2	9.2	No
Rec_210	Residential	2	195.9	0.0218	0.0092	0.0092	9.8	9.0	9.0	No
Rec_211	Residential	2	195.8	0.0218	0.0093	0.0093	9.8	9.0	9.0	No
Rec_212	Residential	2	193.8	0.0221	0.0094	0.0094	9.9	9.1	9.1	No
Rec_213	Residential	2	195.3	0.0219	0.0093	0.0093	9.8	9.1	9.1	No
Rec_214	Residential	2	190.2	0.0225	0.0095	0.0095	10.1	9.3	9.3	No
Rec_215	Residential	2	200.4	0.0213	0.0090	0.0090	9.5	8.8	8.8	No
Rec_216	Residential	2	197.7	0.0216	0.0092	0.0092	9.7	8.9	8.9	No
Rec_217	Residential	2	191.0	0.0224	0.0095	0.0095	10.0	9.3	9.3	No
Rec_218	Residential	2	191.9	0.0223	0.0095	0.0095	10.0	9.2	9.2	No
Rec_219	Residential	2	192.7	0.0222	0.0094	0.0094	9.9	9.2	9.2	No
Rec_220	Residential	2	199.3	0.0214	0.0091	0.0091	9.6	8.9	8.9	No
Rec_221	Residential	2	198.7	0.0215	0.0091	0.0091	9.6	8.9	8.9	No
Rec_222	Residential	2	205.3	0.0207	0.0088	0.0088	9.3	8.6	8.6	No

Ontario Regional Sports Complex EIR
FTA Construction Vibration Calcuations - Structural Damage & Annoyance

Receptor	Land Use	FTA Land Use Category	Distance from Work (feet)	Vibe (PPV in/sec)			Vibe (VdB)			Building Type Structural
				Vibratory Roller	Large Bulldozer	Loaded Trucks	Vibratory Roller	Large Bulldozer	Loaded Trucks	Type III
Rec_223	Residential	2	202.1	0.0211	0.0089	0.0089	9.4	8.7	8.7	No
Rec_224	Residential	2	198.8	0.0215	0.0091	0.0091	9.6	8.9	8.9	No
Rec_225	Residential	2	201.4	0.0212	0.0090	0.0090	9.5	8.8	8.8	No
Rec_226	Residential	2	721.5	0.0052	0.0022	0.0022	2.3	2.2	2.2	No
Rec_227	Residential	2	340.7	0.0119	0.0050	0.0050	5.3	4.9	4.9	No
Rec_228	Residential	2	342.1	0.0118	0.0050	0.0050	5.3	4.9	4.9	No
Rec_229	Residential	2	334.9	0.0121	0.0051	0.0051	5.4	5.0	5.0	No
Rec_230	Residential	2	337.2	0.0120	0.0051	0.0051	5.4	5.0	5.0	No
Rec_231	Residential	2	339.2	0.0119	0.0051	0.0051	5.3	4.9	4.9	No
Rec_232	Residential	2	339.5	0.0119	0.0050	0.0050	5.3	4.9	4.9	No
Rec_233	Residential	2	338.4	0.0120	0.0051	0.0051	5.4	5.0	5.0	No
Rec_234	Residential	2	361.4	0.0111	0.0047	0.0047	5.0	4.6	4.6	No
Rec_235	Residential	2	338.8	0.0119	0.0051	0.0051	5.3	4.9	4.9	No
Rec_236	Residential	2	340.2	0.0119	0.0050	0.0050	5.3	4.9	4.9	No
Rec_237	Residential	2	346.4	0.0117	0.0049	0.0049	5.2	4.8	4.8	No
Rec_238	Residential	2	358.1	0.0112	0.0048	0.0048	5.0	4.7	4.7	No
Rec_239	Residential	2	295.2	0.0139	0.0059	0.0059	6.2	5.8	5.8	No
Rec_240	Residential	2	235.7	0.0178	0.0075	0.0075	8.0	7.4	7.4	No
Rec_241	Residential	2	162.1	0.0269	0.0114	0.0114	12.0	11.1	11.1	No
Rec_242	Residential	2	72.8	0.0648	0.0274	0.0274	29.0	26.8	26.8	No
Rec_243	Residential	2	102.8	0.0444	0.0188	0.0188	19.9	18.4	18.4	No
Rec_244	Residential	2	34.5	0.1472	0.0624	0.0624	65.9	61.0	61.0	No
Rec_245	Residential	2	183.7	0.0234	0.0099	0.0099	10.5	9.7	9.7	No
Rec_246	Residential	2	250.5	0.0166	0.0071	0.0071	7.5	6.9	6.9	No
Rec_247	Residential	2	315.7	0.0129	0.0055	0.0055	5.8	5.3	5.3	No
Rec_248	Residential	2	390.1	0.0102	0.0043	0.0043	4.6	4.2	4.2	No
Rec_249	Residential	2	456.0	0.0086	0.0036	0.0036	3.9	3.6	3.6	No
Rec_250	Residential	2	498.7	0.0078	0.0033	0.0033	3.5	3.2	3.2	No
Rec_251	Residential	2	629.0	0.0060	0.0026	0.0026	2.7	2.5	2.5	No
Rec_252	Residential	2	661.8	0.0057	0.0024	0.0024	2.6	2.4	2.4	No
Rec_253	Residential	2	592.1	0.0065	0.0027	0.0027	2.9	2.7	2.7	No
Rec_254	Residential	2	503.4	0.0077	0.0033	0.0033	3.5	3.2	3.2	No
Rec_255	Residential	2	576.1	0.0067	0.0028	0.0028	3.0	2.8	2.8	No
Rec_256	Residential	2	654.6	0.0058	0.0025	0.0025	2.6	2.4	2.4	No
Rec_257	Residential	2	746.6	0.0050	0.0021	0.0021	2.2	2.1	2.1	No
Rec_258	Residential	2	663.5	0.0057	0.0024	0.0024	2.6	2.4	2.4	No
Rec_259	Residential	2	709.6	0.0053	0.0022	0.0022	2.4	2.2	2.2	No

Ontario Regional Sports Complex EIR
FTA Construction Vibration Calcuations - Structural Damage & Annoyance

Receptor	Land Use	FTA Land Use Category	Distance from Work (feet)	Vibe (PPV in/sec)			Vibe (VdB)			Building Type Structural
				Vibratory Roller	Large Bulldozer	Loaded Trucks	Vibratory Roller	Large Bulldozer	Loaded Trucks	Type III
Rec_260	Residential	2	769.1	0.0048	0.0021	0.0021	2.2	2.0	2.0	No
Rec_261	Residential	2	788.0	0.0047	0.0020	0.0020	2.1	2.0	2.0	No
Rec_262	Residential	2	809.2	0.0046	0.0019	0.0019	2.1	1.9	1.9	No
Rec_263	Residential	2	838.9	0.0044	0.0019	0.0019	2.0	1.8	1.8	No
Rec_264	Residential	2	911.8	0.0040	0.0017	0.0017	1.8	1.7	1.7	No
Rec_265	Residential	2	873.7	0.0042	0.0018	0.0018	1.9	1.7	1.7	No
Rec_266	Residential	2	835.3	0.0044	0.0019	0.0019	2.0	1.8	1.8	No
Rec_267	Residential	2	906.0	0.0040	0.0017	0.0017	1.8	1.7	1.7	No
Rec_268	Residential	2	923.2	0.0040	0.0017	0.0017	1.8	1.6	1.6	No
Rec_269	Residential	2	870.5	0.0042	0.0018	0.0018	1.9	1.8	1.8	No
Rec_270	Residential	2	954.1	0.0038	0.0016	0.0016	1.7	1.6	1.6	No
Rec_271	Residential	2	692.8	0.0054	0.0023	0.0023	2.4	2.3	2.3	No
Rec_272	Residential	2	608.6	0.0063	0.0027	0.0027	2.8	2.6	2.6	No
Rec_273	Residential	2	554.9	0.0069	0.0029	0.0029	3.1	2.9	2.9	No
Rec_274	Residential	2	760.6	0.0049	0.0021	0.0021	2.2	2.0	2.0	No
Rec_275	Residential	2	675.4	0.0056	0.0024	0.0024	2.5	2.3	2.3	No
Rec_276	Residential	2	615.2	0.0062	0.0026	0.0026	2.8	2.6	2.6	No
Rec_277	Residential	2	546.8	0.0071	0.0030	0.0030	3.2	2.9	2.9	No
Rec_278	Residential	2	923.9	0.0040	0.0017	0.0017	1.8	1.6	1.6	No
Rec_279	Residential	2	870.2	0.0042	0.0018	0.0018	1.9	1.8	1.8	No
Rec_280	Residential	2	620.7	0.0061	0.0026	0.0026	2.7	2.5	2.5	No
Rec_281	Residential	2	584.5	0.0066	0.0028	0.0028	2.9	2.7	2.7	No
Rec_282	Residential	2	579.8	0.0066	0.0028	0.0028	3.0	2.7	2.7	No
Rec_283	Residential	2	571.2	0.0067	0.0028	0.0028	3.0	2.8	2.8	No
Rec_284	Residential	2	614.8	0.0062	0.0026	0.0026	2.8	2.6	2.6	No
Rec_285	Residential	2	655.2	0.0058	0.0024	0.0024	2.6	2.4	2.4	No
Rec_286	Residential	2	817.2	0.0045	0.0019	0.0019	2.0	1.9	1.9	No
Rec_287	Residential	2	888.2	0.0041	0.0018	0.0018	1.9	1.7	1.7	No
Rec_288	Residential	2	839.4	0.0044	0.0019	0.0019	2.0	1.8	1.8	No
Rec_289	Mobile Home	3	347.9	0.0116	0.0049	0.0049	5.2	4.8	4.8	No
Rec_290	Mobile Home	3	276.5	0.0149	0.0063	0.0063	6.7	6.2	6.2	No
Rec_291	Mobile Home	3	216.6	0.0195	0.0083	0.0083	8.7	8.1	8.1	No
Rec_292	Mobile Home	3	395.6	0.0101	0.0043	0.0043	4.5	4.2	4.2	No
Rec_293	Mobile Home	3	426.5	0.0093	0.0039	0.0039	4.1	3.8	3.8	No
Rec_294	Mobile Home	3	480.4	0.0081	0.0034	0.0034	3.6	3.4	3.4	No
Rec_295	Mobile Home	3	524.3	0.0074	0.0031	0.0031	3.3	3.1	3.1	No
Rec_296	Mobile Home	3	578.7	0.0066	0.0028	0.0028	3.0	2.7	2.7	No

Ontario Regional Sports Complex EIR
FTA Construction Vibration Calcuations - Structural Damage & Annoyance

Receptor	Land Use	FTA Land Use Category	Distance from Work (feet)	Vibe (PPV in/sec)			Vibe (VdB)			Building Type Structural
				Vibratory Roller	Large Bulldozer	Loaded Trucks	Vibratory Roller	Large Bulldozer	Loaded Trucks	Type III
Rec_297	Mobile Home	3	628.0	0.0061	0.0026	0.0026	2.7	2.5	2.5	No
Rec_298	Mobile Home	3	679.4	0.0056	0.0024	0.0024	2.5	2.3	2.3	No
Rec_299	Mobile Home	3	726.0	0.0052	0.0022	0.0022	2.3	2.1	2.1	No
Rec_300	Mobile Home	3	777.8	0.0048	0.0020	0.0020	2.1	2.0	2.0	No
Rec_301	Mobile Home	3	831.9	0.0044	0.0019	0.0019	2.0	1.8	1.8	No
Rec_302	Mobile Home	3	877.2	0.0042	0.0018	0.0018	1.9	1.7	1.7	No
Rec_303	Mobile Home	3	930.0	0.0039	0.0017	0.0017	1.8	1.6	1.6	No
Rec_304	Mobile Home	3	361.0	0.0111	0.0047	0.0047	5.0	4.6	4.6	No
Rec_305	Mobile Home	3	400.1	0.0099	0.0042	0.0042	4.5	4.1	4.1	No
Rec_306	Mobile Home	3	429.4	0.0092	0.0039	0.0039	4.1	3.8	3.8	No
Rec_307	Mobile Home	3	468.4	0.0084	0.0035	0.0035	3.7	3.5	3.5	No
Rec_308	Mobile Home	3	463.9	0.0085	0.0036	0.0036	3.8	3.5	3.5	No
Rec_309	Mobile Home	3	465.9	0.0084	0.0036	0.0036	3.8	3.5	3.5	No
Rec_310	Mobile Home	3	487.6	0.0080	0.0034	0.0034	3.6	3.3	3.3	No
Rec_311	Mobile Home	3	559.1	0.0069	0.0029	0.0029	3.1	2.9	2.9	No
Rec_312	Mobile Home	3	580.7	0.0066	0.0028	0.0028	3.0	2.7	2.7	No
Rec_313	Mobile Home	3	692.7	0.0054	0.0023	0.0023	2.4	2.3	2.3	No
Rec_314	Mobile Home	3	758.8	0.0049	0.0021	0.0021	2.2	2.0	2.0	No
Rec_315	Mobile Home	3	813.6	0.0046	0.0019	0.0019	2.0	1.9	1.9	No
Rec_316	Mobile Home	3	825.0	0.0045	0.0019	0.0019	2.0	1.9	1.9	No
Rec_317	Mobile Home	3	870.5	0.0042	0.0018	0.0018	1.9	1.8	1.8	No
Rec_318	Mobile Home	3	748.4	0.0050	0.0021	0.0021	2.2	2.1	2.1	No
Rec_319	Mobile Home	3	779.6	0.0048	0.0020	0.0020	2.1	2.0	2.0	No
Rec_320	Mobile Home	3	793.6	0.0047	0.0020	0.0020	2.1	1.9	1.9	No
Rec_321	Mobile Home	3	839.0	0.0044	0.0019	0.0019	2.0	1.8	1.8	No
Rec_322	Mobile Home	3	620.0	0.0061	0.0026	0.0026	2.7	2.5	2.5	No
Rec_323	Mobile Home	3	703.7	0.0053	0.0023	0.0023	2.4	2.2	2.2	No
Rec_324	Mobile Home	3	749.4	0.0050	0.0021	0.0021	2.2	2.1	2.1	No
Rec_325	Mobile Home	3	562.5	0.0068	0.0029	0.0029	3.1	2.8	2.8	No
Rec_326	Mobile Home	3	598.4	0.0064	0.0027	0.0027	2.9	2.6	2.6	No
Rec_327	Mobile Home	3	563.2	0.0068	0.0029	0.0029	3.1	2.8	2.8	No
Rec_328	Mobile Home	3	254.5	0.0164	0.0069	0.0069	7.3	6.8	6.8	No
Rec_329	Mobile Home	3	298.1	0.0137	0.0058	0.0058	6.2	5.7	5.7	No
Rec_330	Mobile Home	3	372.0	0.0108	0.0046	0.0046	4.8	4.5	4.5	No
Rec_331	Mobile Home	3	421.3	0.0094	0.0040	0.0040	4.2	3.9	3.9	No
Rec_332	Mobile Home	3	470.4	0.0083	0.0035	0.0035	3.7	3.4	3.4	No
Rec_333	Mobile Home	3	322.5	0.0126	0.0053	0.0053	5.6	5.2	5.2	No

Ontario Regional Sports Complex EIR
FTA Construction Vibration Calcuations - Structural Damage & Annoyance

Receptor	Land Use	FTA Land Use Category	Distance from Work (feet)	Vibe (PPV in/sec)			Vibe (VdB)			Building Type Structural
				Vibratory Roller	Large Bulldozer	Loaded Trucks	Vibratory Roller	Large Bulldozer	Loaded Trucks	Type III
Rec_334	Mobile Home	3	377.6	0.0106	0.0045	0.0045	4.7	4.4	4.4	No
Rec_335	Mobile Home	3	406.9	0.0098	0.0041	0.0041	4.4	4.0	4.0	No
Rec_336	Mobile Home	3	422.1	0.0094	0.0040	0.0040	4.2	3.9	3.9	No
Rec_337	Mobile Home	3	436.9	0.0090	0.0038	0.0038	4.0	3.7	3.7	No
Rec_338	Mobile Home	3	487.7	0.0080	0.0034	0.0034	3.6	3.3	3.3	No
Rec_339	Mobile Home	3	396.0	0.0101	0.0043	0.0043	4.5	4.2	4.2	No
Rec_340	Mobile Home	3	547.6	0.0070	0.0030	0.0030	3.2	2.9	2.9	No
Rec_341	Mobile Home	3	627.0	0.0061	0.0026	0.0026	2.7	2.5	2.5	No
Rec_342	Mobile Home	3	623.9	0.0061	0.0026	0.0026	2.7	2.5	2.5	No
Rec_343	Mobile Home	3	623.0	0.0061	0.0026	0.0026	2.7	2.5	2.5	No
Rec_344	Mobile Home	3	663.7	0.0057	0.0024	0.0024	2.6	2.4	2.4	No
Rec_345	Mobile Home	3	771.4	0.0048	0.0020	0.0020	2.2	2.0	2.0	No
Rec_346	Mobile Home	3	797.3	0.0047	0.0020	0.0020	2.1	1.9	1.9	No
Rec_347	Mobile Home	3	844.4	0.0044	0.0019	0.0019	2.0	1.8	1.8	No
Rec_348	Mobile Home	3	841.2	0.0044	0.0019	0.0019	2.0	1.8	1.8	No
Rec_349	Mobile Home	3	857.8	0.0043	0.0018	0.0018	1.9	1.8	1.8	No
Rec_350	Mobile Home	3	829.4	0.0045	0.0019	0.0019	2.0	1.8	1.8	No
Rec_351	Mobile Home	3	770.0	0.0048	0.0021	0.0021	2.2	2.0	2.0	No
Rec_352	Mobile Home	3	789.9	0.0047	0.0020	0.0020	2.1	1.9	1.9	No
Rec_353	Mobile Home	3	541.3	0.0071	0.0030	0.0030	3.2	3.0	3.0	No
Rec_354	Mobile Home	3	634.7	0.0060	0.0025	0.0025	2.7	2.5	2.5	No
Rec_355	Mobile Home	3	578.0	0.0066	0.0028	0.0028	3.0	2.7	2.7	No
Rec_356	Mobile Home	3	544.7	0.0071	0.0030	0.0030	3.2	2.9	2.9	No
Rec_357	Mobile Home	3	518.4	0.0075	0.0032	0.0032	3.3	3.1	3.1	No
Rec_358	Mobile Home	3	572.6	0.0067	0.0028	0.0028	3.0	2.8	2.8	No
Rec_359	Mobile Home	3	540.9	0.0071	0.0030	0.0030	3.2	3.0	3.0	No
Rec_360	Mobile Home	3	567.9	0.0068	0.0029	0.0029	3.0	2.8	2.8	No
Rec_361	Mobile Home	3	582.8	0.0066	0.0028	0.0028	2.9	2.7	2.7	No
Rec_362	Mobile Home	3	633.9	0.0060	0.0025	0.0025	2.7	2.5	2.5	No
Rec_363	Mobile Home	3	683.9	0.0055	0.0023	0.0023	2.5	2.3	2.3	No
Rec_364	Mobile Home	3	660.6	0.0057	0.0024	0.0024	2.6	2.4	2.4	No
Rec_365	Mobile Home	3	629.1	0.0060	0.0026	0.0026	2.7	2.5	2.5	No
Rec_366	Mobile Home	3	611.8	0.0062	0.0026	0.0026	2.8	2.6	2.6	No
Rec_367	Mobile Home	3	725.5	0.0052	0.0022	0.0022	2.3	2.1	2.1	No
Rec_368	Mobile Home	3	853.7	0.0043	0.0018	0.0018	1.9	1.8	1.8	No
Rec_369	Mobile Home	3	820.0	0.0045	0.0019	0.0019	2.0	1.9	1.9	No
Rec_370	Mobile Home	3	805.5	0.0046	0.0020	0.0020	2.1	1.9	1.9	No

Ontario Regional Sports Complex EIR
FTA Construction Vibration Calcuations - Structural Damage & Annoyance

Receptor	Land Use	FTA Land Use Category	Distance from Work (feet)	Vibe (PPV in/sec)			Vibe (VdB)			Building Type Structural
				Vibratory Roller	Large Bulldozer	Loaded Trucks	Vibratory Roller	Large Bulldozer	Loaded Trucks	Type III
Rec_371	Mobile Home	3	809.4	0.0046	0.0019	0.0019	2.1	1.9	1.9	No
Rec_372	Mobile Home	3	818.1	0.0045	0.0019	0.0019	2.0	1.9	1.9	No
Rec_373	Mobile Home	3	744.7	0.0050	0.0021	0.0021	2.2	2.1	2.1	No
Rec_374	Mobile Home	3	738.4	0.0051	0.0021	0.0021	2.3	2.1	2.1	No
Rec_375	Mobile Home	3	779.7	0.0048	0.0020	0.0020	2.1	2.0	2.0	No
Rec_376	Mobile Home	3	720.0	0.0052	0.0022	0.0022	2.3	2.2	2.2	No
Rec_377	Mobile Home	3	764.0	0.0049	0.0021	0.0021	2.2	2.0	2.0	No
Rec_378	Mobile Home	3	785.8	0.0047	0.0020	0.0020	2.1	2.0	2.0	No
Rec_379	Mobile Home	3	750.4	0.0050	0.0021	0.0021	2.2	2.1	2.1	No
Rec_380	Mobile Home	3	652.8	0.0058	0.0025	0.0025	2.6	2.4	2.4	No
Rec_381	Mobile Home	3	626.4	0.0061	0.0026	0.0026	2.7	2.5	2.5	No
Rec_382	Mobile Home	3	669.8	0.0056	0.0024	0.0024	2.5	2.3	2.3	No
Rec_383	Mobile Home	3	710.3	0.0053	0.0022	0.0022	2.4	2.2	2.2	No
Rec_384	Mobile Home	3	729.2	0.0051	0.0022	0.0022	2.3	2.1	2.1	No
Rec_385	Mobile Home	3	764.1	0.0049	0.0021	0.0021	2.2	2.0	2.0	No
Rec_386	Mobile Home	3	810.0	0.0046	0.0019	0.0019	2.0	1.9	1.9	No
Rec_387	Mobile Home	3	859.7	0.0043	0.0018	0.0018	1.9	1.8	1.8	No
Rec_388	Mobile Home	3	904.0	0.0041	0.0017	0.0017	1.8	1.7	1.7	No
Rec_389	Mobile Home	3	905.8	0.0040	0.0017	0.0017	1.8	1.7	1.7	No
Rec_390	Mobile Home	3	854.0	0.0043	0.0018	0.0018	1.9	1.8	1.8	No
Rec_391	Mobile Home	3	827.7	0.0045	0.0019	0.0019	2.0	1.9	1.9	No
Rec_392	Mobile Home	3	750.7	0.0050	0.0021	0.0021	2.2	2.1	2.1	No
Rec_393	Mobile Home	3	778.4	0.0048	0.0020	0.0020	2.1	2.0	2.0	No
Rec_394	Mobile Home	3	837.2	0.0044	0.0019	0.0019	2.0	1.8	1.8	No
Rec_395	Mobile Home	3	881.3	0.0042	0.0018	0.0018	1.9	1.7	1.7	No
Rec_396	Mobile Home	3	918.2	0.0040	0.0017	0.0017	1.8	1.7	1.7	No
Rec_397	Mobile Home	3	898.1	0.0041	0.0017	0.0017	1.8	1.7	1.7	No
Rec_398	Mobile Home	3	827.6	0.0045	0.0019	0.0019	2.0	1.9	1.9	No
Rec_399	Mobile Home	3	849.6	0.0043	0.0018	0.0018	1.9	1.8	1.8	No
Rec_400	Mobile Home	3	888.0	0.0041	0.0018	0.0018	1.9	1.7	1.7	No
Rec_401	Mobile Home	3	934.9	0.0039	0.0017	0.0017	1.7	1.6	1.6	No
Rec_402	Residential	2	812.7	0.0046	0.0019	0.0019	2.0	1.9	1.9	No
Rec_403	Residential	2	819.7	0.0045	0.0019	0.0019	2.0	1.9	1.9	No
Rec_404	Residential	2	815.4	0.0045	0.0019	0.0019	2.0	1.9	1.9	No
Rec_405	Residential	2	837.0	0.0044	0.0019	0.0019	2.0	1.8	1.8	No
Rec_406	Residential	2	891.9	0.0041	0.0017	0.0017	1.8	1.7	1.7	No
Rec_407	Residential	2	900.5	0.0041	0.0017	0.0017	1.8	1.7	1.7	No

Ontario Regional Sports Complex EIR
FTA Construction Vibration Calcuations - Structural Damage & Annoyance

Receptor	Land Use	FTA Land Use Category	Distance from Work (feet)	Vibe (PPV in/sec)			Vibe (VdB)			Building Type Structural
				Vibratory Roller	Large Bulldozer	Loaded Trucks	Vibratory Roller	Large Bulldozer	Loaded Trucks	Type III
Rec_408	Residential	2	903.1	0.0041	0.0017	0.0017	1.8	1.7	1.7	No
Rec_409	Residential	2	933.8	0.0039	0.0017	0.0017	1.8	1.6	1.6	No
Rec_410	Residential	2	956.9	0.0038	0.0016	0.0016	1.7	1.6	1.6	No
Rec_411	Residential	2	1008.9	0.0036	0.0015	0.0015	1.6	1.5	1.5	No
Rec_412	Residential	2	1028.7	0.0035	0.0015	0.0015	1.6	1.5	1.5	No
Rec_413	Residential	2	1072.5	0.0034	0.0014	0.0014	1.5	1.4	1.4	No
Rec_414	Residential	2	108.5	0.0418	0.0177	0.0177	18.7	17.3	17.3	No
Rec_415	Residential	2	118.6	0.0379	0.0161	0.0161	17.0	15.7	15.7	No
Rec_416	Residential	2	128.3	0.0347	0.0147	0.0147	15.6	14.4	14.4	No
Rec_417	Residential	2	69.4	0.0683	0.0289	0.0289	30.6	28.3	28.3	No
Rec_417	Recreational	3	69.4	0.0683	0.0289	0.0289	30.6	28.3	28.3	No
Rec_418	Residential	2	127.9	0.0349	0.0148	0.0148	15.6	14.5	14.5	No
Rec_419	Residential	2	107.3	0.0423	0.0179	0.0179	18.9	17.5	17.5	No
Rec_420	Institutional	3	70.0	0.0677	0.0287	0.0287	30.3	28.1	28.1	No
Rec_421	Institutional	3	131.8	0.0337	0.0143	0.0143	15.1	14.0	14.0	No
Rec_422	Residential	2	683.8	0.0055	0.0023	0.0023	2.5	2.3	2.3	No
Rec_423	Residential	2	349.8	0.0115	0.0049	0.0049	5.2	4.8	4.8	No
Rec_424	Residential	2	479.3	0.0082	0.0035	0.0035	3.6	3.4	3.4	No
Rec_425	Residential	2	571.4	0.0067	0.0028	0.0028	3.0	2.8	2.8	No
Rec_426	Residential	2	68.5	0.0693	0.0294	0.0294	31.0	28.7	28.7	No
Rec_426	Residential	2	68.5	0.0693	0.0294	0.0294	31.0	28.7	28.7	No
Rec_427	Residential	2	520.8	0.0074	0.0032	0.0032	3.3	3.1	3.1	No
Rec_428	Residential	2	505.1	0.0077	0.0033	0.0033	3.4	3.2	3.2	No
Rec_429	Residential	2	505.1	0.0077	0.0033	0.0033	3.4	3.2	3.2	No
Rec_430	Residential	2	517.6	0.0075	0.0032	0.0032	3.4	3.1	3.1	No
Rec_431	Residential	2	517.6	0.0075	0.0032	0.0032	3.4	3.1	3.1	No
Rec_432	Residential	2	553.7	0.0070	0.0029	0.0029	3.1	2.9	2.9	No
Rec_433	Residential	2	553.7	0.0070	0.0029	0.0029	3.1	2.9	2.9	No
Rec_434	Residential	2	565.4	0.0068	0.0029	0.0029	3.0	2.8	2.8	No
Rec_435	Residential	2	565.4	0.0068	0.0029	0.0029	3.0	2.8	2.8	No
Rec_436	Residential	2	618.7	0.0062	0.0026	0.0026	2.8	2.6	2.6	No
Rec_437	Residential	2	618.7	0.0062	0.0026	0.0026	2.8	2.6	2.6	No
Rec_438	Residential	2	630.6	0.0060	0.0026	0.0026	2.7	2.5	2.5	No
Rec_439	Residential	2	630.6	0.0060	0.0026	0.0026	2.7	2.5	2.5	No
Rec_440	Residential	2	638.1	0.0060	0.0025	0.0025	2.7	2.5	2.5	No
Rec_441	Residential	2	624.3	0.0061	0.0026	0.0026	2.7	2.5	2.5	No
Rec_442	Residential	2	624.3	0.0061	0.0026	0.0026	2.7	2.5	2.5	No

Ontario Regional Sports Complex EIR
FTA Construction Vibration Calcuations - Structural Damage & Annoyance

Receptor	Land Use	FTA Land Use Category	Distance from Work (feet)	Vibe (PPV in/sec)			Vibe (VdB)			Building Type Structural
				Vibratory Roller	Large Bulldozer	Loaded Trucks	Vibratory Roller	Large Bulldozer	Loaded Trucks	Type III
Rec_443	Residential	2	595.7	0.0064	0.0027	0.0027	2.9	2.7	2.7	No
Rec_444	Residential	2	586.8	0.0065	0.0028	0.0028	2.9	2.7	2.7	No
Rec_445	Residential	2	539.1	0.0072	0.0030	0.0030	3.2	3.0	3.0	No
Rec_446	Residential	2	528.6	0.0073	0.0031	0.0031	3.3	3.0	3.0	No
Rec_447	Residential	2	512.9	0.0076	0.0032	0.0032	3.4	3.1	3.1	No
Rec_448	Residential	2	506.5	0.0077	0.0033	0.0033	3.4	3.2	3.2	No