Appendix J4 Athletic Field Noise

Appendices

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The Ontario Regional Sports Complex EIR

Athletic Fields Noise Analysis

Technical Report

HMMH Project Number 23-0251A

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1. Summary

This technical appendix includes a noise analysis related to use of outdoor athletic fields and other outdoor public amenities at The Ontario Regional Sports Complex (ORSC). The noise analysis was prepared in support of the Environmental Impact Report (EIR), pursuant to the requirements of the California Environmental Quality Act (CEQA). The technical appendix is divided into sections that address anticipated noise from youth sports programming, including practices, games and tournaments, and public use of outdoor amenities including, pools, playgrounds, tennis/pickleball courts, and a skate park. Details include assumptions developed to define number of games and tournaments, number of concurrent fields in use, and number of anticipated spectators during each game at each field. Supportive calculations and files and detailed receiver results are included within **Attachments A, B, and C**.

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 Community Noise Equivalent Level (CNEL) and $L_{eq(h)}$ from use of the outdoor athletic fields at neighboring residences and other noise-sensitive uses[1] throughout the surrounding adjacent community.

Three main scenarios were evaluated to address noise from on-site athletic fields and other outdoor amenities:

1. Practice – Youth soccer and baseball/softball weekday (Monday – Friday)
2. Games – Youth soccer and baseball/softball weekends (Saturday and Sunday)
3. Tournaments – Youth soccer and baseball/softball weekends (Saturday and Sunday)

Based on the three scenarios evaluated, the predicted $L_{eq(h)}$ noise levels would be well below the City of Ontario's exterior noise level limits. Therefore, use of athletic fields and other outdoor amenities is predicted to result in noise levels that are considered acceptable and compatible with existing surrounding land use, according to the City of Ontario Plan 2050. Intermittent noise increases may result during batting practice, players cheering for teammates, or referees blowing whistles. However, none of these noise increases would be significant or permanent. Therefore, in accordance with CEQA guidelines, use of athletic fields and other outdoor amenities associated with the Sports Complex would not have a significant effect on the environment.

[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 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 dB 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).

Some common sounds on the dBA scale are listed in **Table 1**. As shown, the relative perceived loudness of a sound doubles for each increase of 10 dBA, and a 10 dBA change in the sound level corresponds to a factor of 10 increase or decrease in relative sound energy. Error! Reference source not found. depicts the estimations of common noise sources and outdoor acoustic environments and provides a comparison of relative loudness for each of these sources.

Table 1. Common Sounds on the A-Weighted Decibel Scale

Sound	Sound Level (dBA)	Relative Loudness (approximate)	Relative Sound Energy
Rock music, with amplifier	120	64	1,000,000
Thunder, snowmobile (operator)	110	32	100,000
Boiler shop, power mower	100	16	10,000
Orchestral crescendo at 25 feet, noisy kitchen	90	8	1,000
Busy street	80	4	100
Interior of department store	70	2	10
Ordinary conversation, 3 feet away	60	1	1
Quiet automobiles at low speed	50	½	.1
Average office	40	¼	.01
City residence	30	1/8	.001
Quiet country residence	20	1/16	.0001
Rustle of leaves	10	1/32	.00001
Threshold of hearing	0	1/64	.000001

Source: U.S. Department of Housing and Urban Development. Aircraft Noise Impact--Planning Guidelines for Local Agencies, Figure 2-2. 1972.

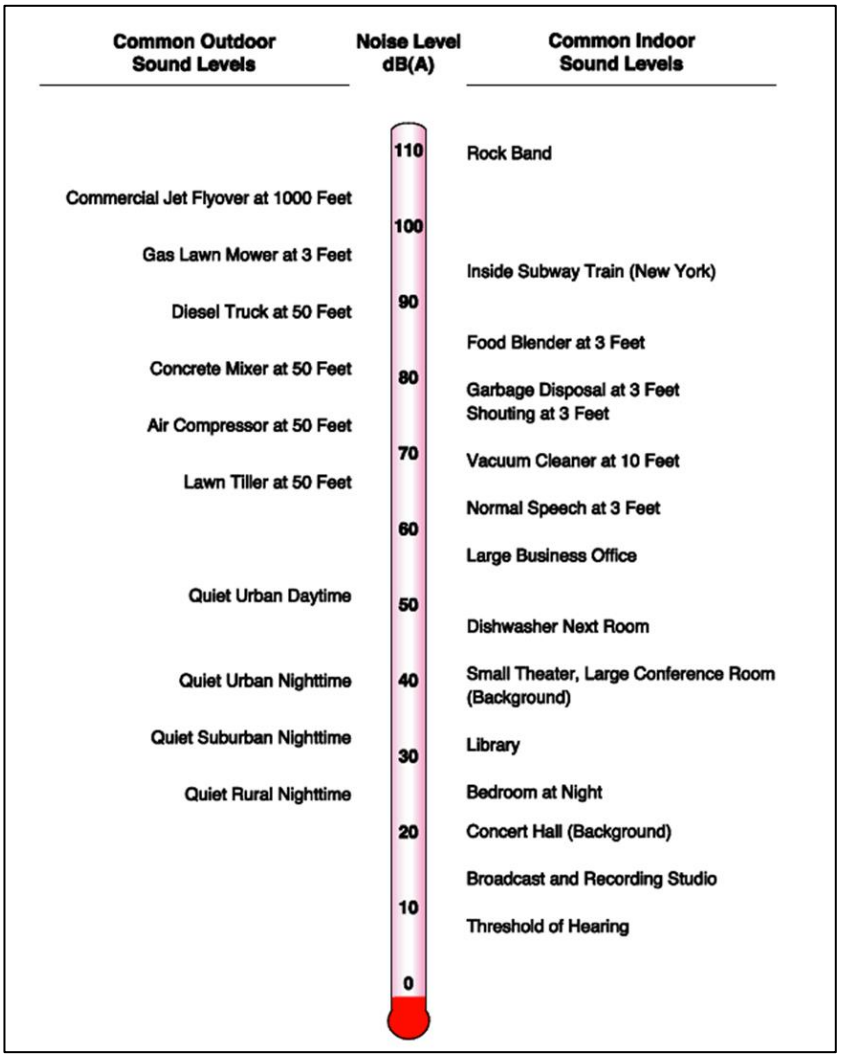


Figure 1. Sound Levels
Source: HMMH 2019

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 (7:00 a.m. to 10:00 p.m.), and the nighttime L_{eq} is the energy averaged sound level for the nighttime period (10:00 p.m. to 7:00 a.m.). For traffic noise assessment, L_{eq} is typically evaluated over a one-hour period and may be denoted as $L_{eq(h)}$.
- 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 (10:00 p.m. to 7:00 a.m.) to account for individuals' increased sensitivity to noise levels during nighttime hours.

- Community noise equivalent level: 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.).

2.2 Effects of Noise on Humans

The effects of noise on humans can be grouped into three general categories (U.S. EPA 1979):

- 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, nonoccupational 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.

3. Methodology

To evaluate the compatibility of the Sports Complex with the surrounding existing land use and determine the potential for significant effect on the environment, the CNEL and L_{eq} were calculated using the commercially available SoundPLAN GmbH three-dimensional (3-D) acoustical prediction software package. An industry standard, SoundPLAN GmbH was developed by Braunstein + Berndt GmbH to provide estimates of sound levels at distances from specific noise sources accounting for the effects of terrain features including relative elevations of noise sources, receivers, and intervening objects (buildings, hills, trees), and ground effects due to areas of hard ground (pavement, water) and soft ground (grass, field, forest). In addition to computing sound levels at specific receiver positions, SoundPLAN GmbH computes color noise contour maps showing areas of equal and similar sound level. SoundPLAN GmbH also accounts for shielding and reflections from intervening buildings, walls, earthen berms, and other structures.

A detailed geometric model of the noise study area was first developed using GIS software. Data included detailed digital terrain with elevation obtained from the U.S. Geological Survey (USGS) 3D elevation program[2] as well as building footprints, which were obtained from Microsoft Building Footprints, accessed through ArcGIS Online.[3] Existing building heights were estimated based on Microsoft Streetside imagery™, accessed via Bing maps. Aerial photography was obtained from ESRI as well as the U.S. Department of Agriculture's (USDA's) National Agriculture Imagery Program (NAIP).[4] A CAD file of the proposed site layout, including proposed building and athletic field locations, was imported into GIS to develop source locations within the noise modeling software. The planned number of stories for each building was used to estimate on-site building heights, assuming approximately ten feet per floor.

All data digitized in GIS was imported into SoundPLAN GmbH, and a digital ground model was generated to assign base elevations to all modeled features and account for attenuation effects due to changes in terrain. Ground type on- and off-site was assumed to be "compacted field and gravel" (compacted lawns, park areas).

As detailed within Section 3 of the EIR, the project site would include eight 500- foot baseball/softball fields and 13 multipurpose fields on the western half of the site. On the southeast side of the project site, eight outdoor tennis/pickleball courts are planned, along with one additional little league field, a playground, skate park, and two outdoor pools. The proposed hotel on the northeast end of the site would also include an outdoor pool.

Three main scenarios were evaluated to address noise from on-site athletic fields and other outdoor amenities:

1. Practice – Youth soccer and baseball/softball weekday (Monday – Friday)
2. Games – Youth soccer and baseball/softball weekends (Saturday and Sunday)
3. Tournaments – Youth soccer and baseball/softball weekends (Saturday and Sunday)

Field usage for each scenario was determined based on referencing schedules and rules from nearby youth soccer and baseball/softball leagues. Schedules available from the Empire Soccer Club,[5] which uses the nearby Eastvale Community Park for practices and games, were used to identify approximate practice and game durations, practice hours, and "changeover" time between practices and games (i.e., duration of time when practices/games end, teams are leaving, fields are being "cleaned" up, and new teams are arriving). Practices were determined to occur for 60 minutes on weekday evenings (Monday through Friday) from 5:00 p.m. to 10:00 p.m. Soccer games were determined to occur on weekends for two 45-minute halves (i.e., 90 minutes of play), with a 10-minute halftime, from 8:00 a.m. to 6:00 p.m. during regular season and from 8:00 a.m. to 10:00 p.m. during tournament weekends. "Changeover" periods were determined to be 10 minutes between practices and 20 minutes between regular season games and tournament games. All 13 multipurpose fields in the northwest corner of the site were assumed to be in use concurrently during practices and games, with one team using each field during practices.

[2] https://apps.nationalmap.gov/downloader

[3] The development to the east of the project site (Countryside) was manually digitized using aerial photography, since building footprints were not available.

[4] https://datagateway.nrcs.usda.gov/GDGHome_DirectDownLoad.aspx

[5] https://www.empiresoccerclub.org/programs/recreational-program/practice-schedule/

Similarly, game play rules from three nearby little leagues (Eastvale, Corona American, and Norco) were reviewed, and maximum allowable game durations were averaged across age groups to develop an average length of play of approximately 90 minutes. Like soccer, baseball/softball practices were assumed to last no longer than 60 minutes. "Changeover" periods were determined to be 10 minutes between practices and 20 minutes between regular season games and tournament games. Practices and games were assumed to be scheduled during the same timeframes as for soccer, as described above. All eight larger baseball/softball fields in the southwest corner of the site, in addition to the single baseball/softball field near the recreation center in the southeast corner of the site, were assumed to be used concurrently during practices and games.

Game durations and "changeover" time for soccer and baseball/softball were used to define the time active for each noise source during the sports complex operating hours. During regular season game weekends, all games were assumed to start at 8:00 a.m. and end by 6:00 p.m. On tournament weekends, all games were assumed to start at 8:00 a.m. and end by 10:00 p.m. when park lights would be turned off. All field usage information for soccer and baseball/softball was subsequently vetted with the City of Ontario Recreation and Community Services Department.

Traffic counts conducted by Fehr & Peers at similar nearby sports complexes[6] facilitated development of the average number of players per team, which was determined to be 15 players for soccer and 20 players for baseball/softball. The number of players per team was subsequently used to estimate the average number of spectators per game, which were assumed to be present in designated seating areas during regular season game weekends and tournament weekends. Based on the Ontario Regional Sports Complex Market Analysis (Ontario 2023), an average of 2.5 spectators per player was assumed for regular season games and tournaments. **Attachment A** includes assumptions used to develop source activity within the noise model.

In addition to athletic field usage, public access to other on-site outdoor facilities (e.g., tennis/pickleball courts, pools, skate park, and the playground) was assumed to occur during each scenario at a conservative rate of 100 percent in each hour. Hours of use for publicly accessible outdoor amenities, except for the public pools, were determined based on operating hours of the overall complex (generally from 8:00 a.m. to 9:00 p.m. with lights out by 10:00 p.m.). Operating hours of the complex were determined from park guidelines established by the City of Ontario Recreation and Community Services Department. The public pool hours would coincide with recreation center operating hours, which are 8:00 a.m. to 10:00 p.m. on weekdays and 8:00 a.m. to 3:00 p.m. on weekends.

Reference noise levels available in the SoundPLAN GmbH global emissions library were used to define source noise levels for all outdoor athletic fields, spectator areas, and public amenities, except for the pickleball courts. Reference sound levels for pickleball were developed based on a noise study conducted in Arizona (Woo, 2012) since the SoundPLAN GmbH global emissions library does not include pickleball source data. **Attachment B** includes reference sound levels and calculations used to define noise levels for each outdoor amenity.

Athletic field and outdoor public amenities usage was defined in time histograms for each modeled source in SoundPLAN. Specifically, the hours of day each amenity is active and the percentage of time

[6] Fehr & Peers conducted traffic counts at Silverlakes during soccer tournaments and obtained vehicular trips from Streetlight dada at Big League Dreams Sports Park, Jurupa Valley, MAP Sports Facility, Garden Grove and open Gym Premier, Ladera Ranch, Momentus Sports Center, Irvine, and Fontana Park Aquatic Center.

active was defined. The model therefore evaluates the cumulative use of athletic fields and other outdoor amenities based on the definitions input into the time histograms.

Additional sources of noise associated with athletic fields may include, but are not limited to, intermittent and impulsive sounds from baseball bats hitting balls during batting practice and games, referees blowing whistles during soccer games, and players cheering on teammates. However, these sources are difficult to model given the uncertainty surrounding the frequency of these events. Therefore, the noise analysis does not account for these short duration, intermittent sources of noise that are likely to occur during outdoor recreational events.

4. Regulatory Framework

Several federal, state, and local regulations, ordinances, and guidelines have been established to control noise and minimize effects on humans. 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).

The State of California and the City of Ontario have adopted a number of policies that are based in part on federal and state regulations and are directed at controlling or mitigating environmental noise effects. The government agency policies that are relevant to the athletic fields noise analysis for the Sports Complex are discussed below.

4.1 State

CEQA Thresholds of Significance

According to Appendix G of the CEQA Guidelines, a project would normally have a significant effect on the environment if the project would result in:

- **Threshold A**: Would 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?
- **Threshold B**: Would the project result in generation of excessive groundborne vibration or groundborne noise levels?
- **Threshold C**: 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?

Applicable thresholds of significance are considered in the noise impact assessment. For commercial and miscellaneous noise sources, Threshold A is applicable and used to evaluate the potential for the project to have a significant effect on the environment. Threshold B does not apply to athletic field and outdoor amenities noise sources, as none of those sources would generate groundbourne vibration or noise. Threshold B is applicable to construction noise and therefore discussed within the *ORSC EIR Construction Noise and Vibration Technical Report.* It should be noted that Threshold C does not apply to the project because no noise-sensitive land uses would be located within an airport land use plan or in the vicinity of a private airstrip.

General Plan Guidelines

The Governor's Office of Planning and Research (OPR) is required to adopt and periodically revise the State of California's General Plan Guidelines (GPG), which establishes the framework for the development of general plans for cities and counties. With respect to noise, the GPG provides a basis for the control and abatement of environmental noise and limiting excessive noise exposure for California residents. The GPG focuses on land use compatibility with the existing ambient environment and establishes CNEL and L_{dn} thresholds for community noise exposure by land use category that define normally acceptable, conditionally acceptable, normally unacceptable, and clearly

unacceptable conditions. The recommended thresholds within the GPG may be adopted by cities or modified based on site-specific conditions.

4.2 Local

The Ontario Plan

The Ontario Plan (TOP) 2050 includes a "Safety Element" designed to limit excessive community noise exposure through effective and guided land use compatible planning. **Table 2** summarizes the City of Ontario's land use compatibility standards to facilitate land use compatibility, relative to existing and future noise levels.

Table 2. Ontario Noise Level Exposure and Land Use Compatibility Guidelines

Categories	Uses	CNEL (dBA)			
		Clearly Acceptable[1]	Normally Acceptable[2]	Normally Unacceptable[3]	Clearly Unacceptable[4]
Residential/Lodging	Single Family/Duplex	<60	60-65	65-70	70-85
	Multifamily	<60	60-65	65-75	75-85
	Mobile Homes	<60	60-65	-	65-85
	Hotel/Motel	<65	65-70	70-80	80-85
Public/Institutional	Schools/Hospitals	<60	60-65	65-70	70-85
	Churches/Libraries	<60	60-65	65-70	70-85
	Auditoriums/Concert Halls	<55	55-60	60-70	70-85
Commercial	Offices	<65	65-75	75-80	80-85
	Retail	<70	70-75	75-80	80-85
Industrial	Manufacturing	<70	70-75	75-85	-
	Warehousing	<70	70-80	80-85	-
Recreational/Open Space	Parks/Playgrounds	<65	65-70	70-75	75-85
	Golf Course/Riding Stables	<65	65-70	70-75	75-85
	Outdoor Spectator Sports	<60	60-65	65-70	
	Outdoor Music Shells/Amphitheaters	-	<60	60-65	65-85
	Livestock/Wildlife Preserves	<70	-	70-75	75-85
	Crop Agriculture	<55-85	-	-	-

Notes:
1. No special noise insulation required, assuming buildings of normal conventional construction.
2. Acoustical reports will be required for major new residential construction. Conventional construction with closed windows and fresh air supply systems of air conditioning will normally suffice.
3. New construction should be discouraged. Noise/aviation easements required for all new construction. If new construction does proceed, a detailed analysis of noise reduction requirements must be made, and necessary noise insulation features included.
4. No new construction should be permitted.

Source: City of Ontario 2022.

City of Ontario Municipal Code

The City of Ontario Municipal Code, Chapter 29: Noise (hereafter referred to as "the City's noise code"), establishes both exterior and interior noise standards for various land use types grouped into "noise zones." Maximum permissible noise level limits are established for each noise zone from 7:00 a.m. to 10:00 p.m. and 10:00 p.m. to 7:00 a.m., based on the L_{eq} metric and a duration of 15 minutes. Pursuant to §5-29.04 Exterior noise standards, the ambient noise level shall be the standard if ambient exceeds the established permissible limit at any time in any zone. The code also establishes a maximum instantaneous (L_{max}) permissible noise level limit of the established noise standard for the applicable zone plus 20 dBA during any period, measured in A-weighting on slow response. The limits established for Noise Zone I shall also apply to the exterior of schools, daycare centers, hospitals or other similar healthcare institutions, churches, libraries, or museums during hours of use, pursuant to §5-29.11. **Table 3** summarizes the allowable exterior noise level limits pursuant to §5-29.04(a).

Table 3. Exterior Noise Standards

Noise Zone	Land Use	Allowable Equivalent Noise Level, L_{eq} (dBA)	
		7:00 a.m. – 10:00 p.m.	10:00 p.m. – 7:00 a.m.
I	Single-Family Residential	65	45
II	Multi-Family Residential, Mobile Home Parks	65	50
III	Commercial Property	65	60
IV	Residential Portion of Mixed Use	70	70
V	Manufacturing and Industrial, Other Uses	70	70

Notes:
1. If the ambient level exceeds the standard, the ambient noise level shall be the standard.
2. Compliance is determined on the affected property.
3. Noise standards are based on a 15-min L_{eq}.
4. Maximum instantaneous noise levels (L_{max}) equal to the noise standard limit plus 20 dBA shall not be exceeded at any time, measured using A-weighted with the meter set to slow response. However, if ambient exceeds the standard, the standard shall be increased to reflect the maximum ambient noise level.
5. Noise Zone I noise standards also apply to the exterior of schools, daycare centers, hospitals or other similar healthcare institutions, churches, libraries, or museums during hours of use.
6. Noise Zone IV applies to the portion of the residential property within 100 feet of a commercial property or use, if the noise originates from the commercial property or use.
7. If the compliance location is on the boundary of two different noise zones, the lower noise level standard shall apply.

Source: City of Ontario 2023.

The City's noise code exempts various sources of noise, pursuant to §5-29.06 Exemptions. Exemptions applicable to use of athletic fields and outdoor amenities include:

- Activities on public or private property conducted by any public entity or its authorized representatives including sporting and recreational activities that are sponsored, co-sponsored, permitted, or allowed by the City. This also includes sporting and entertainment events conducted pursuant to an approval, authorization, contract, lease, permit, or sublease by the appropriate public entity, specifically the planning commission or City Council.
- Activities regulated by state or federal law.

5. Impact Analysis Results

Modeling receivers were placed in areas of outdoor use within approximately 1,000 feet of the proposed ORSC site boundary. Receivers were combined into six groups, as illustrated in **Figure 2 through Figure 4** and described in **Table 4**.

Table 4. Summary of Analysis Locations

Receiver Group	Location Relative to Project Site	Land Use Description
1	Northwest of Project Site	Residential use on the north and south side of East Riverside Drive, between Willow Drive and South Vineyard Avenue
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
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
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
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
6	South of Project Site	Residential use on the south side of Chino Avenue, between Vineyard Avenue and Ontario Avenue

Source: HMMH, 2023

The hourly L_{eq} from on-site outdoor amenities was calculated at each noise-sensitive receptor based on time histograms populated for each noise source. As described in Section 3, the time histograms define the hours of day and percentage of time during each hour of the day when each source is active. The hourly usage is subsequently used to calculate an hourly average noise level, or $L_{eq(h)}$.

The following sections present the predicted noise level ranges ($L_{eq(h)}$) within each receiver group related to noise from use of athletic fields and outdoor public amenities. Although sporting events on public facilities approved by the City are exempt from the City's noise code, the predicted peak 1-hour L_{eq} was compared to exterior noise level limits established within the City's noise code, presented in **Table 3**. Since most activities are active for a full hour, the 1-hour L_{eq} was used as a surrogate to assess compliance with the City's 15-minute L_{eq} noise level limits. **Attachment C** includes a table of predicted sound levels for each modeled receiver.

5.1 Scenario 1 – Weekday Practice

The weekday practice scenario includes the least amount of activity at the multipurpose and baseball/softball fields with the least intensity. However, as described in Section 3, weekday youth soccer and baseball/softball practices were assumed to commence at 5:00 p.m. and end by 10:00 p.m.

All other outdoor public amenities were assumed to be in use during park operating hours, generally from 8:00 a.m. to 9:00 p.m., with lights out by 10:00 p.m.

Table 5 summarizes the range in predicted hourly $L_{eq(h)}$ for each "noise zone" that exists within each receiver group based on definitions in the City's noise code (see **Table 3**). As shown in **Table 5,** the maximum $L_{eq(h)}$ predicted at any residential land use type within the six receiver groups is 56 dBA. This noise levels is predicted within Receiver Group 2 to the north of the proposed ORSC and across from the youth multipurpose fields. The second highest $L_{eq(h)}$ predicted at residential receivers is 53 dBA within Receiver Group 5. This group is east of the proposed site. The maximum predicted $L_{eq(h)}$ for recreational land uses, which is included in noise zone V, is 55 dBA on the green at the Whispering Lakes Golf Course within Receiver Group 3.

Since the maximum predicted $L_{eq(h)}$ noise levels in all receiver groups for all land use types are below the City's noise level limits, use of athletic fields on weekdays for youth soccer and baseball/softball practices, combined with use of other outdoor amenities, would result in a noise environment that is considered compatible with the existing adjacent community. There would be no potential for significant effects on the existing environment when the facility is being used for weekday practices.

Table 5. Summary of Predicted $L_{eq(h)}$ – Scenario 1: Weekday Practice

Noise Zone[1]	Land Use	Daytime[2] Exterior L_{eq} Criteria (dBA)	Predicted $L_{eq(h)}$ (dBA) Range					
			RCV Group 1	RCV Group 2	RCV Group 3	RCV Group 4	RCV Group 5	RCV Group 6
I	Single-Family Residential	65	37 - 51	36 - 56	NA	41 - 45	31 - 53	29 - 39
II	Multi-Family Residential, Mobile Home Parks	65	36 - 52	32 - 45	NA	NA	NA	NA
V	Manufacturing and industrial, other uses	70	NA	NA	44 - 55	42 - 47	46 - 54	NA

Notes:
1. Pursuant to §5-29.11, the maximum permissible noise level limit established for Noise Zone I also applies to the exterior of schools, daycare centers, hospitals or other similar healthcare institutions, churches, libraries, or museums during hours of use.
2. The City of Ontario's noise code includes both "daytime" (7:00 a.m. – 10:00 p.m.) and "nighttime" (10:00 p.m. - 7:00 a.m.) limits. Since the proposed ORSC is only open between 8:00 a.m. and 10:00 p.m., the "nighttime" limits do not apply.

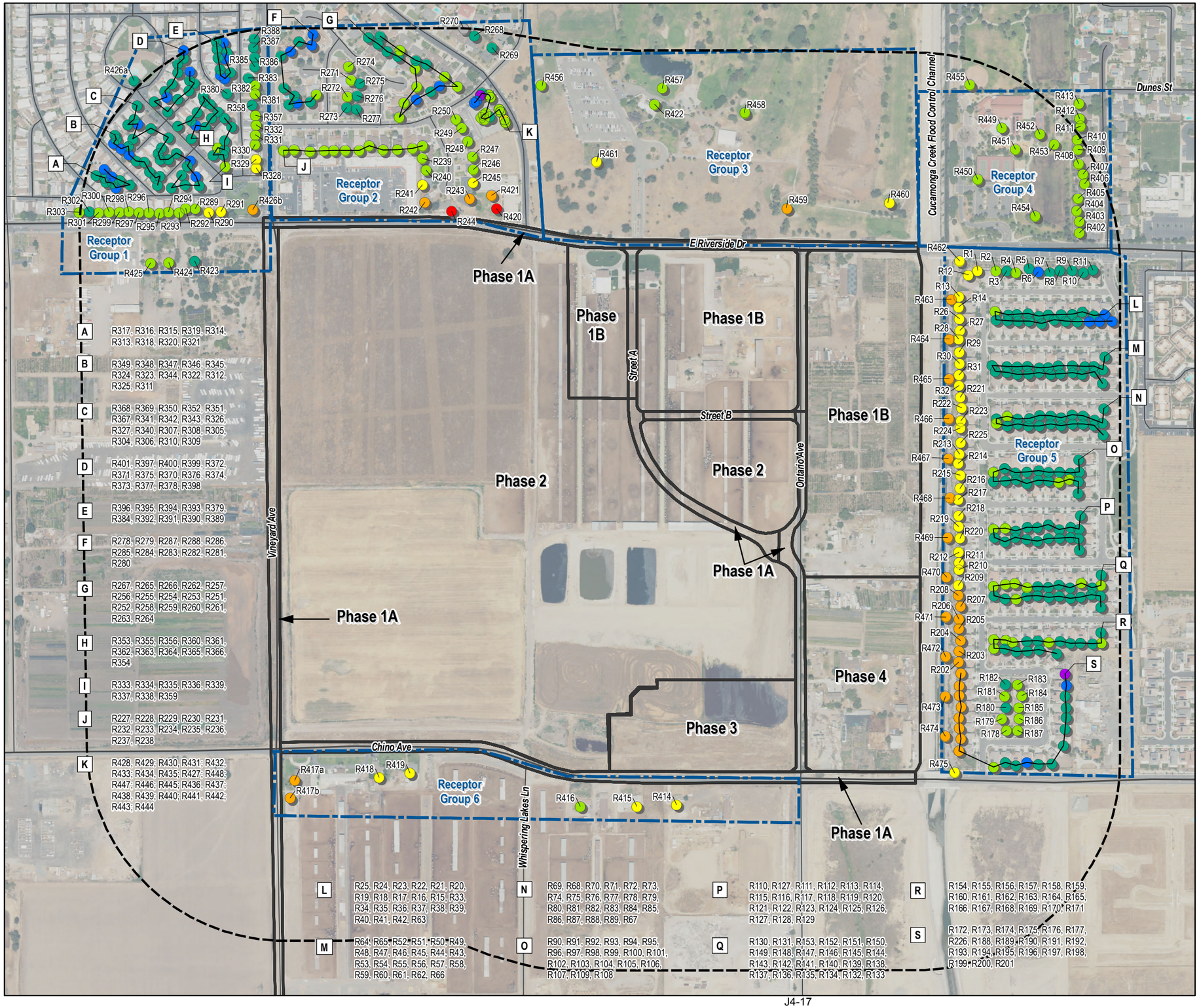
Source: HMMH, 2023.

Figure 2 illustrates predicted $L_{eq(h)}$ noise level contours, representing weekday youth soccer and baseball/softball practice with other outdoor amenities in use.

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

5.2 Scenario 2 – Weekend Regular Season Games

Regular season games are anticipated to occur on weekends (Saturdays and Sundays) for both youth soccer and baseball/softball. Both sports would include fall and spring seasons, lasting 12 weeks per season for soccer, 11 weeks for fall baseball/softball, and 14 weeks for spring baseball/softball. As described in Section 3, weekend games were assumed to commence at 8:00 a.m. and end by 6:00 p.m. However, all other outdoor public amenities were assumed to be in use during park operating hours, generally from 8:00 a.m. to 9:00 p.m., except the pool, which would close by 3:00 p.m. on weekends, following the recreation center hours.

Table 6 summarizes the range in predicted hourly $L_{eq(h)}$ for each "noise zone" that exists within each receiver group based on definitions in the municipal noise code (see **Table 3**). As shown in **Table 6,** the maximum $L_{eq(h)}$ predicted at any residential land use type within the six receiver groups is 55 dBA. This noise level is predicted within Receiver Group 2 to the north of the proposed ORSC and across from the youth multipurpose fields. The second highest $L_{eq(h)}$ predicted at residential receivers is 53 dBA within Receiver Group 5 to the east of the site. The maximum predicted $L_{eq(h)}$ for recreational land uses, which is included in noise zone V, is 55 dBA on the green at the Whispering Lakes Golf Course within Receiver Group 3.

In general, maximum predicted $L_{eq(h)}$ noise levels during regular season weekend games are approximately one decibel less than during weekday practices in Receiver Groups 1 and 2. These receiver groups are closest to the multipurpose youth fields. During weekday practices, field usage is at least 100% in a single hour for the multipurpose fields as well as the baseball/softball fields; however, during regular season games, only the baseball/softball fields have 100% usage in a single hour, whereas the multipurpose fields closest to Receiver Groups 1 and 2 have a maximum usage of 83%. Therefore, the slight decrease in noise levels is attributed to this lower source contribution from the multipurpose youth fields in any single hour during regular season game weekends. Further, noise levels are only slightly lower in Receiver Group 6 during regular season game weekends due to the slightly reduced contribution from the multipurpose youth fields with the lower usage factor.

Since the maximum predicted $L_{eq(h)}$ noise levels in all receiver groups for all land use types are below the City's noise level limits, use of athletic fields on weekdays for youth soccer and baseball/softball practices, combined with use of other outdoor amenities, would result in a noise environment that is considered compatible with the existing adjacent community. There would be no potential for significant effects on the existing environment during regular season game weekends.

Table 6. Summary of Predicted $L_{eq(h)}$ – Scenario 2: Weekend Regular Season Games

Noise Zone[1]	Land Use	Daytime[2] Exterior L_{eq} Criteria (dBA)	Predicted $L_{eq(h)}$ (dBA) Range					
			RCV Group 1	RCV Group 2	RCV Group 3	RCV Group 4	RCV Group 5	RCV Group 6
I	Single-Family Residential	65	36 - 50	35 - 55	NA	41 - 45	31 - 53	28 - 39
II	Multi-Family Residential, Mobile Home Parks	65	35 - 51	32 - 45	NA	NA	NA	NA

Noise Zone[1]	Land Use	Daytime[2] Exterior L_{eq} Criteria (dBA)	Predicted $L_{eq(h)}$ (dBA) Range					
			RCV Group 1	RCV Group 2	RCV Group 3	RCV Group 4	RCV Group 5	RCV Group 6
V	Manufacturing and industrial, other uses	70	NA	NA	44 - 55	42 - 47	46 - 54	NA

Notes:
1. Pursuant to §5-29.11, the maximum permissible noise level limit established for Noise Zone I also applies to the exterior of schools, daycare centers, hospitals or other similar healthcare institutions, churches, libraries, or museums during hours of use.
2. The City of Ontario's noise code includes both "daytime" (7:00 a.m. – 10:00 p.m.) and "nighttime" (10:00 p.m. - 7:00 a.m.) limits. Since the proposed ORSC is only open between 8:00 a.m. and 10:00 p.m., the "nighttime" limits do not apply.

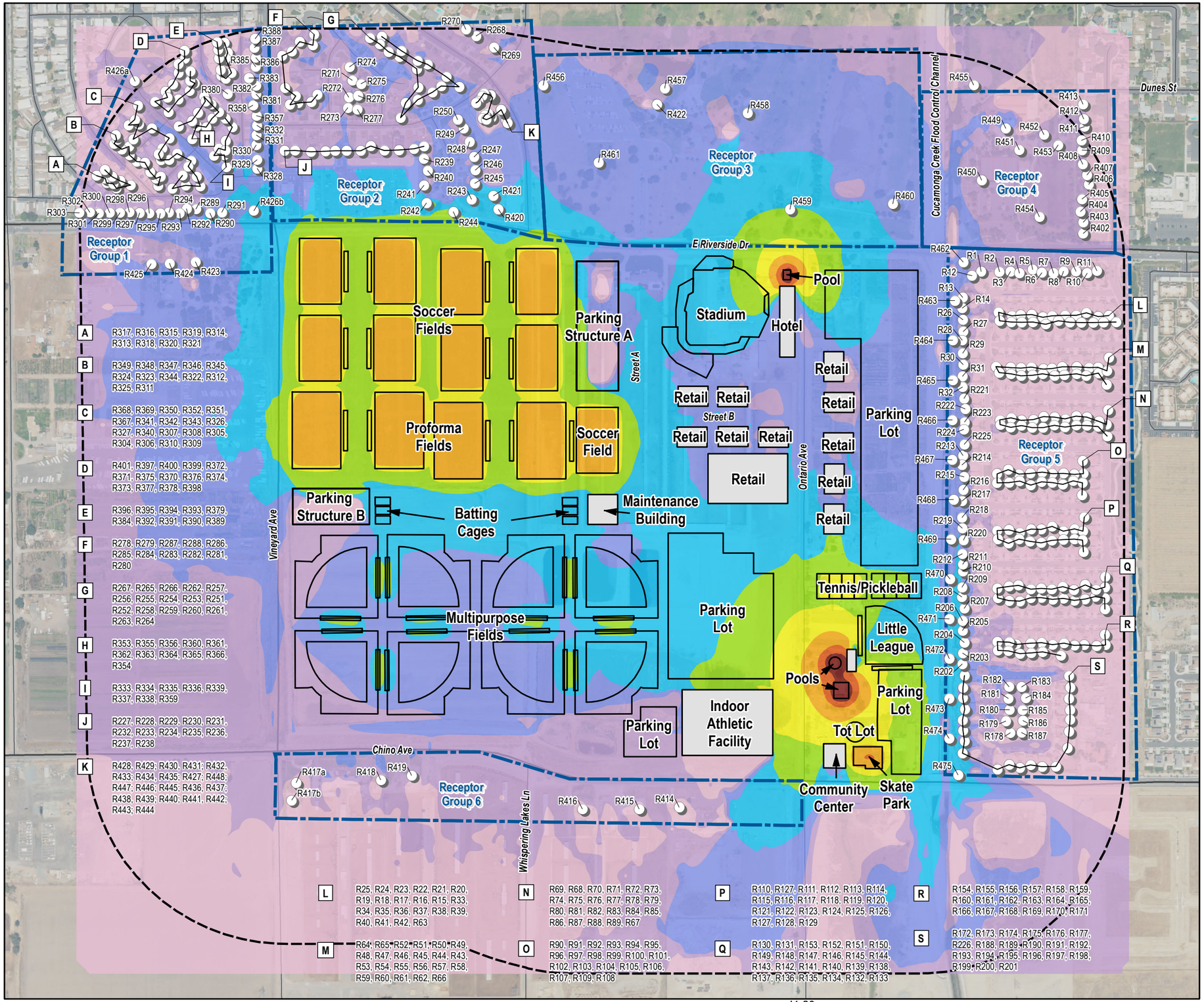
Source: HMMH, 2023.

Figure 3 shows predicted $L_{eq(h)}$ noise level contours, representing regular season youth soccer and baseball/softball games with other outdoor amenities in use.

Figure 3
Predicted $L_{eq(1h)}$ (dBA)
Scenario 2:
Weekend Regular Season Games

Ontario Regional Sports Complex EIR

Ontario, California



$L_{eq(1h)}$ Level

- Greater than 75 dBA
- 70 - 75 dBA
- 65 - 70 dBA
- 60 - 65 dBA
- 55 - 60 dBA
- 50 - 55 dBA
- 45 - 50 dBA
- 40 - 45 dBA
- Less then 40 dBA

- Receptor Location and Number
- Top Floor Receptor
- Bottom Floor Receptor

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

- Sports Complex Feature
- Sports Complex Building
- Receptor Group
- Study Area

0 500 1,000 Feet

5.3 Scenario 3 – Tournament Weekends

Youth soccer and baseball/softball tournaments are anticipated to occur on weekends (Saturdays and Sundays). Soccer tournaments would occur for 26 weeks of the year, while baseball/softball tournaments would occur for 25 weeks. As described in Section 3, tournaments were assumed to commence at 8:00 a.m. and end by 10:00 p.m. before lights out at the facility. All other outdoor public amenities were assumed to be in use during park operating hours, generally from 8:00 a.m. to 9:00 p.m., except the pool, which would close by 3:00 p.m. on weekends, following the recreation center hours.

Table 7 summarizes the range in predicted hourly $L_{eq(h)}$ for each "noise zone" that exists within each receiver group based on definitions in the municipal noise code (see **Table 3**). As shown in **Table 7,** the maximum $L_{eq(h)}$ predicted at any residential land use type within the six receiver groups is 55 dBA. This noise level is predicted within Receiver Group 2 to the north of the proposed ORSC and across from the youth multipurpose fields. The second highest $L_{eq(h)}$ predicted at residential receivers is 53 dBA within Receiver Group 5 to the east of the site. The maximum predicted $L_{eq(h)}$ for recreational land uses, which is included in noise zone V, is 55 dBA on the green at the Whispering Lake Golf Course within Receiver Group 3.

In general, maximum predicted $L_{eq(h)}$ noise levels during tournament weekends are approximately one decibel less than during weekday practices in Receiver Groups 1 and 2 and identical to predicted noise levels during regular season game weekends. These receiver groups are closest to the multipurpose youth fields. During weekday practices, field usage is at least 100% in a single hour for the multipurpose fields as well as the baseball/softball fields; however, during tournament weekends, only the baseball/softball fields have 100% usage in a single hour, whereas the multipurpose fields closest to Receiver Groups 1 and 2 have a maximum usage of 83%. Therefore, the slight decrease in noise levels is attributed to this lower source contribution from the multipurpose youth fields in any single hour during tournament weekends. Further, noise levels are only slightly lower in Receiver Group 6 during tournament weekends due to the slightly reduced contribution from the multipurpose youth fields with the lower usage factor.

Since the maximum predicted $L_{eq(h)}$ noise levels in all receiver groups for all land use types are below the City's noise level limits, use of athletic fields on weekdays for youth soccer and baseball/softball practices, combined with use of other outdoor amenities, would result in a noise environment that is considered compatible with the existing adjacent community. There would be no potential for significant effects on the existing environment during tournament weekends.

Table 7. Summary of Predicted $L_{eq(h)}$ – Scenario 3: Tournament Weekends

Noise Zone[1]	Land Use	Daytime[2] Exterior L_{eq} Criteria (dBA)	Predicted $L_{eq(h)}$ (dBA) Range					
			RCV Group 1	RCV Group 2	RCV Group 3	RCV Group 4	RCV Group 5	RCV Group 6
I	Single-Family Residential	65	36 - 50	35 - 55	NA	41 - 45	31 - 53	28 - 39
II	Multi-Family Residential, Mobile Home Parks	65	35 - 51	32 - 45	NA	NA	NA	NA

Noise Zone[1]	Land Use	Daytime[2] Exterior L_{eq} Criteria (dBA)	Predicted $L_{eq(h)}$ (dBA) Range					
			RCV Group 1	RCV Group 2	RCV Group 3	RCV Group 4	RCV Group 5	RCV Group 6
V	Manufacturing and industrial, other uses	70	NA	NA	44 - 55	42 - 47	46 - 54	NA

Notes:
1. Pursuant to §5-29.11, the maximum permissible noise level limit established for Noise Zone I also applies to the exterior of schools, daycare centers, hospitals or other similar healthcare institutions, churches, libraries, or museums during hours of use.
2. The City of Ontario's noise code includes both "daytime" (7:00 a.m. – 10:00 p.m.) and "nighttime" (10:00 p.m. - 7:00 a.m.) limits. Since the proposed ORSC is only open between 8:00 a.m. and 10:00 p.m., the "nighttime" limits do not apply.

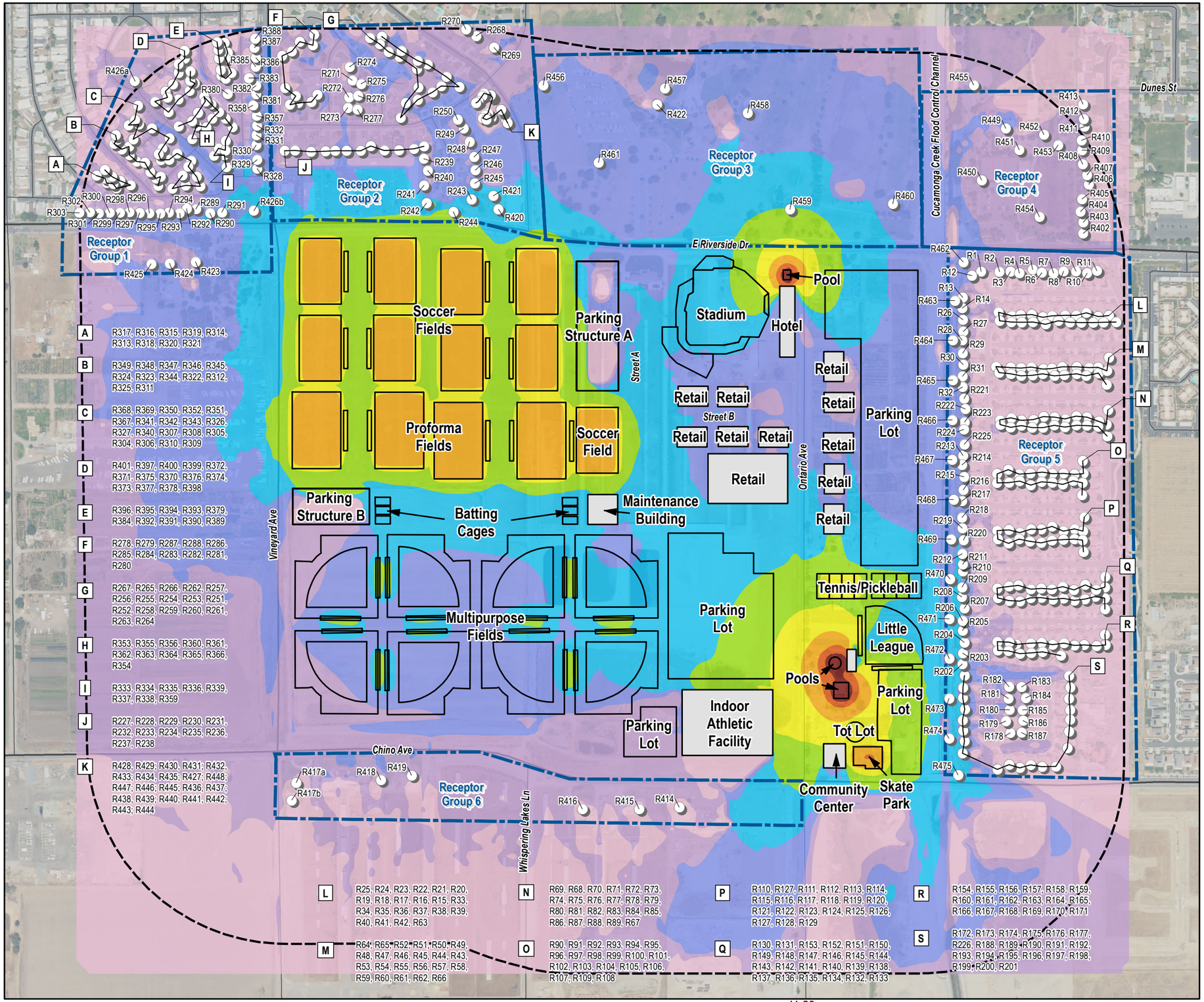
Source: HMMH, 2023.

Figure 4 shows predicted $L_{eq(h)}$ noise level contours, representing tournament weekends for youth soccer and baseball/softball with other outdoor amenities in use.

Figure 4
Predicted $L_{eq(1h)}$ (dBA)
Scenario 3:
Tournament Weekends

Ontario Regional Sports Complex EIR

Ontario, California



$L_{eq(1h)}$ Level

- Greater than 75 dBA
- 70 - 75 dBA
- 65 - 70 dBA
- 60 - 65 dBA
- 55 - 60 dBA
- 50 - 55 dBA
- 45 - 50 dBA
- 40 - 45 dBA
- Less then 40 dBA

- Receptor Location and Number
- Top Floor Receptor
- Bottom Floor Receptor

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

- Sports Complex Feature
- Sports Complex Building
- Receptor Group
- Study Area

0 500 1,000 Feet

6. Mitigation

Based on the three scenarios evaluated, predicted $L_{eq(h)}$ noise levels would be below the City of Ontario's exterior noise level limits. Therefore, use of athletic fields and other outdoor amenities is predicted to result in noise levels that are considered acceptable and compatible with existing surrounding land use, according to the City of Ontario Plan 2050. Intermittent noise increases may result during batting practice, players cheering for teammates, or referees blowing whistles. However, none of these noise increases would be significant or permanent. Therefore, in accordance with CEQA guidelines, use of athletic fields and other outdoor amenities associated with the Sports Complex would not have a significant effect on the existing environment. No mitigation of athletic fields and other outdoor amenities is warranted.

7. References

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ATTACHMENT A. ANALYSIS ASSUMPTIONS

Soccer Practice Assumptions

i) Assume weekdays only (M-F) per nearby Empire Soccer Club
ii) 5pm - 9:30pm per nearby Empire Soccer Club - assumes lights out by 10pm
iii) Conservatively assume all fields in use concurrently - 13 total available per site plan
iv) Assume daily vehicular trips generated by F&P only account for players (i.e., each vehicle has at least 1 player inside, 'spectators' are mainly parents who would be driving the child to the practice, unlike games, where trips would include vehicles with players + vehicles with spectators only)
v) Avg practice length = 60 min (per Empire Soccer Club practice schedule)
vi) 10-min changeover - based on Empire Soccer Club schedule

Soccer Practice Calculations

(153 vehicle trips/day/field)*(1 vehicle/2 trips) = 76 vehicles/day/field = 76 players/day/field
(because each vehicle is assumed to include 1 player)
Avg 'large' team size = 15 players (from F&P traffic counts)
76 (players/day/field)*(1 team/15 players) = 5 teams/day/field (not possible w/ changeover, assumed 4)
(4 teams/day/field) * (13 fields) = 52 teams/day practicing
270 available minutes (5pm-9:30pm), 240 practice minutes per field (60 min * 4 teams/field)

Hour	Practice Time	Duration(min)	%
5pm-6pm	5pm-6pm	60	100%
6pm-7pm	6:10-7:10pm	50	83%
7pm-8pm	7:20-8:20pm	50	83%
8pm-9pm	8:30-9:30pm	50	83%
9pm-10pm		30	50%

**duration represents the number of minutes during the hour that noise source is active*

Baseball/Softball Practice Assumptions

i) Assume weekdays only (M-F), weekends reserved for games/tournaments
ii) 5pm - 9:30pm assume same availabiliity as soccer fields - lights out by 10pm
iii) Conservatively assume all fields in use concurrently - 8 larger baseball/softball fields
iv) Assume daily vehicular trips generated by F&P only account for players (i.e., each vehicle has at least 1 player inside, 'spectators' are mainly parents who would be driving the child to the practice, unlike games, where trips would include vehicles with players + vehicles with spectators only)
v) Avg practice length = 60 min (max length limited to 2 hours per Eastvalue LL)
vi) 10-min changeover

Baseball/Softball Practice Calculations

(168 vehicle trips/day/field)*(1 vehicle/2 trips) = 84 vehicles/day/field = 84 players/day/field
(because each vehicle is assumed to include 1 player)
Avg 'large' team size = 20 players (from F&P traffic counts)
84 (players/day/field)*(1 team/20 players) = 4 teams/day/field
270 operational minutes (5pm-9:30pm)
270 available minutes (5pm-9:30pm), 240 practice minutes per field (60 min * 4 teams/field)

Hour	Practice Time	Duration(min)	%
5pm-6pm	5pm-6pm	60	100%
6pm-7pm	6:10-7:10pm	50	83%
7pm-8pm	7:20-8:20pm	50	83%
8pm-9pm	8:30-9:30pm	50	83%
9pm-10pm		30	50%

**duration represents the number of minutes during the hour that noise source is active*

Soccer Game Assumptions

Assume weekends Sat/Sun per Sports Park Programming provided by City of Ontario
Conservatively assume all fields in use concurrently - 13 total available per site plan
Field Operational Hours: 8am-10pm (840 min)
Field Usage Hours: 8am - 6pm (600 min)
Avg. Game Duration: 100 (w/ 10min half time)
Approx. Changeover Duration - 20min
Playing Duration: (600 min./day/field available) - (80 min of changeover) = 520 min of play/day/field
Avg 'large' team size = 15 players (from F&P traffic counts)
2.5 spectators per player - Market Study, Appendix A, Slide 100

Soccer Game Calculations

(520 min/day/field)*(1 game/90 min) = 6 games/day/field (given field usage hours, only 5 full games)
Spectators: (30 players/game)*(2.5 spectators/player) = 75 spectators/game
Coaches/Refs: 2 coaches/game + 1 ref/game per Market Study, Appendix A, Slide 99

Hour	Game Play Time	*Duration (min)	%	Changeover (min)
8am-9am	8:00am-9:40am	50	83%	0
9am-10am	10:00am-11:40am	40	67%	20
10am-11am	12:00pm-1:40pm	50	83%	0
11am-12pm	2:00pm-3:40pm	40	67%	20
12pm-1pm	4:00pm-5:40pm	50	83%	0
1pm-2pm		40	67%	20
2pm-3pm		50	83%	0
3pm-4pm		40	67%	20
4pm-5pm		50	83%	0
5pm-6pm		40	67%	0
				80

**duration represents the number of minutes during the hour that noise source is active*

Baseball/Softball Game Assumptions

Assume weekends Sat/Sun per Sports Park Programming provided by City of Ontario
Conservatively assume all fields in use concurrently - 9 (8 regular fields and 1 little league, per site plan)
Field Operational Hours: 8am-10pm (840 min)
Field Usage Hours: 8am - 6pm (600 min) - assume same hours as soccer
Avg. Game Duration: 90 min - Deduced from Little League Rules for nearby leagues dictating max game durations by age group - Eastvale LL, Corona American LL, and Norco LL - max game durations were averaged across age groups
Approx. Changeover Duration - 20 min - assume same as soccer
Playing Duration: (600 min./day/field available) - (80 min of changeover) = 520 min of play/day/field
Avg 'large' team size = 20 players (from F&P traffic counts)
2.5 spectators per player - Market Study, Appendix A, Slide 100

Baseball/Softball Game Calculations

(520 min/day/field)*(1 game/90 min) = 6 games/day/field (given field usage hours, only 5 full games)
Spectators: (40 players/game)*(2.5 spectators/player) = 100 spectators/game
Coaches/Refs: 2 coaches/game + 1 ref/game per Market Study, Appendix A, Slide 99

Hour	Game Play Time	*Duration (min)	%	Changeover (min)
8am-9am	8am-9:30am	60	100%	0
9am-10am	9:50am-11:20am	40	67%	20
10am-11am	11:40am-1:10pm	60	100%	0
11am-12pm	1:30pm-3:00pm	40	67%	20
12pm-1pm	3:20pm-4:50pm	60	100%	0
1pm-2pm		40	67%	20
2pm-3pm		60	100%	0
3pm-4pm		40	67%	20
4pm-5pm		50	83%	0
5pm-6pm		0	0%	0
				80

**duration represents the number of minutes during the hour that noise source is active*

Soccer Tournament Assumptions

Assume weekends Sat/Sun per Sports Park Programming provided by City of Ontario
Conservatively assume all fields in use concurrently - 13 total available per site plan
Field Operational Hours: 8am-10pm (840 min)
Field Usage Hours: 8am - 10pm (840 min) - based on worst case
Avg. Game Duration: 100min(w/ 10min half time)
Approx. Changeover Duration - 20 min - assuming tournament weekends aim to fit in as many games as possible
Playing Duration: (840 min./day/field available) - (120 min of changeover) =720 min of play/day/field
Avg 'large' team size = 15 players (from F&P traffic counts)
2.5 spectators per player - Market Study, Appendix A, Slide 100

Soccer Tournament Calculations

(720 min/day/field)*(1 game/100 min) = 7 games/day/field
Spectators: (30 players/game)*(2.5 spectators/player) = 75 spectators/game
Coaches/Refs: 2 coaches/game + 1 ref/game per Market Study, Appendix A, Slide 99

Hour	Game Play Time	*Duration (min)	%	Changeover (min)
8am-9am	8:00am-9:40am	50	83.33%	0
9am-10am	10:00am-11:40am	40	67%	20
10am-11am	12:00pm-1:40pm	50	83%	0
11am-12pm	2:00pm-3:40pm	40	67%	20
12pm-1pm	4:00pm-5:40pm	50	83%	0
1pm-2pm	6:00pm-7:40pm	40	67%	20
2pm-3pm	8:00pm-9:40pm	50	83%	0
3pm-4pm		40	67%	20
4pm-5pm		50	83%	0
5pm-6pm		40	67%	20
6pm-7pm		50	83%	0
7pm-8pm		40	67%	20
8pm-9pm		50	83%	0
9pm-10pm		40	67%	0
				120

**duration represents the number of minutes during the hour that noise source is active*

Baseball/Softball Tournament Assumptions

Assume weekends Sat/Sun per Sports Park Programming provided by City of Ontario
Conservatively assume all fields in use concurrently - 9 total regular size fields available per site plan
Field Operational Hours: 8am-10pm (840 min)
Field Usage Hours: 8am - 10pm (840 min) - assume same hours as soccer
Avg. Game Duration: 90 min - Deduced from Little League Rules for nearby leagues dictating max game durations by age group - Eastvale LL, Corona American LL, and Norco LL - max game durations were averaged across age groups
Approx. Changeover Duration - 20 min - *updated from Recreation & Commuinty services Director recommendation*
Playing Duration: (840 min./day/field available) - (120 min of changeover) = 720 min of play/day/field
Avg 'large' team size = 20 players (from F&P traffic counts)
2.5 spectators per player - Market Study, Appendix A, Slide 100

Baseball/Softball Tournament Calculations

(720 min/day/field)*(1 game/90 min) = 8 games/day/field (given field usage hours, only 5 full games)
Spectators: (40 players/game)*(2.5 spectators/player) = 100 spectators/game
Coaches/Refs: 2 coaches/game + 1 ref/game per Market Study, Appendix A, Slide 99

Hour	Game Play Time	*Duration (min)	%	Changeover (min)
8am-9am	8am-9:30am	60	100%	0
9am-10am	9:50am-11:20am	40	67%	20
10am-11am	11:40am-1:10pm	60	100%	0
11am-12pm	1:30pm-3:00pm	40	67%	20
12pm-1pm	3:20pm-4:50pm	60	100%	0
1pm-2pm	5:10pm-6:40pm	40	67%	20
2pm-3pm	7:00pm-8:30pm	60	100%	0
3pm-4pm		40	67%	20
4pm-5pm		50	83%	10
5pm-6pm		50	83%	10
6pm-7pm		40	67%	20
7pm-8pm		60	100%	0
8pm-9pm		30	50%	0
9pm-10pm		0	0%	0
				120

**duration represents the number of minutes during the hour that noise source is active*

ATTACHMENT B. REFERENCE SOUND LEVELS

SoundPLAN Source Equations

Spectator Areas (seats)

Source Level	83.0103
LwA" = LwA + 10log(n) + 10log(k)	
Assumed spectators - Soccer	75.0
Assumed spectators - Baseball	100
Spectator areas m^2	377.1
persons /m^2 - Soccer	0.198872
persons /m^2 - Baseball	0.265162
LwA - Soccer	72.98573
LwA - Baseball	74.23512

LwA = Level of single person
n = persons per area
k = % of persons speaking at same time

2.5spectators/player*30players=75 Soccer
2.5spectator/player*40players=100 Baseball

Public Soccer Grounds

Source Level	87
LwA" = LwA + 10log(n) + 10log(k)	
Field area m^2	6438.2
Total players	30
Players per m^2	0.00466
LwA	63.68356

LwA = Level of single person
n = persons per area
k = % of persons speaking at same time

Pickleball

Reference level	66.9
Lp" = Lp - (10*log(n/z))	
Lp (logarithmically halved)	63.8897

Lp = Level for 32 players
n = 32 players
z = 16 players (4 players per court assumed)

SoundPLAN Source Levels

Soccer

Public soccer gorunds: Lw = 63.7 dB(A) as Lw/m, m^2
Spectator area (seats): Lw = 73 dB(A) as Lw/m, m^2

Baseball/Softball

Play and sports area with low noise: Lw = 60 dB(A) as Lw/unit
Spectator area (seats): Lw = 74.2 dB(A) as Lw/m, m^2

Playground

Play and sports area with low noise: Lw = 60 dB(A) as Lw/unit

Pool

Open-air swimming pool: 108 dB(A) as Lw/unit

Tennis

Tennis court: 83 dB(A) as Lw/unit

PickleBall

Pickleball: 81.6 dB(A) as Lw/unit

Skatepark

Skatepark, bowl: 100 dB(A) as Lw/unit

ATTACHMENT C. TABLE OF PREDICTED CNEL AND $L_{EQ(H)}$ AT INDIVIDUAL RECEIVERS

Table C-1. Scenario 1: Weekday Practice

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_1	Residential	43.8	44.8	65	65
Rec_2	Residential	36.5	37.8	65	65
Rec_3	Residential	36.8	38.2	65	65
Rec_4	Residential	32.7	34.7	65	65
Rec_5	Residential	39.9	41	65	65
Rec_6	Residential	29.6	31.3	65	65
Rec_7	Residential	31.6	33.4	65	65
Rec_8	Residential	33.8	35.6	65	65
Rec_9	Residential	33.7	35.4	65	65
Rec_10	Residential	29.9	32.2	65	65
Rec_11	Residential	34.5	36	65	65
Rec_12	Residential	42.5	43.8	65	65
Rec_13	Residential	45.5	46.5	65	65
Rec_14	Residential	46.3	47.3	65	65
Rec_15	Residential	36.5	38.5	65	65
Rec_16	Residential	40.7	42.2	65	65
Rec_17	Residential	35.7	38.3	65	65
Rec_18	Residential	31	33.4	65	65
Rec_19	Residential	33.7	36.4	65	65
Rec_20	Residential	31.8	34.9	65	65
Rec_21	Residential	32.6	35.7	65	65
Rec_22	Residential	33.2	35.8	65	65
Rec_23	Residential	33.1	36.2	65	65
Rec_24	Residential	32.2	35.4	65	65
Rec_25	Residential	29.9	33.1	65	65
Rec_26	Residential	46.1	47.2	65	65
Rec_27	Residential	44.9	46	65	65
Rec_28	Residential	44.3	45.5	65	65

Table C-1. Scenario 1: Weekday Practice

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_29	Residential	43.4	44.8	65	65
Rec_30	Residential	44.6	45.9	65	65
Rec_31	Residential	44.8	46.1	65	65
Rec_32	Residential	45.2	46.6	65	65
Rec_33	Residential	38.3	39.9	65	65
Rec_34	Residential	38.9	40.1	65	65
Rec_35	Residential	36.9	38.6	65	65
Rec_36	Residential	36.1	38.1	65	65
Rec_37	Residential	37.5	38.9	65	65
Rec_38	Residential	32.8	35.8	65	65
Rec_39	Residential	31.8	34.6	65	65
Rec_40	Residential	31.5	34.3	65	65
Rec_41	Residential	31	33.9	65	65
Rec_42	Residential	30.7	33.9	65	65
Rec_43	Residential	34.5	37.5	65	65
Rec_44	Residential	34.6	37.4	65	65
Rec_45	Residential	34.7	37.4	65	65
Rec_46	Residential	34.2	36.9	65	65
Rec_47	Residential	34.1	37.2	65	65
Rec_48	Residential	34.1	37.2	65	65
Rec_49	Residential	34.2	37.1	65	65
Rec_50	Residential	33.3	36.6	65	65
Rec_51	Residential	33.6	37	65	65
Rec_52	Residential	33.8	36.9	65	65
Rec_53	Residential	34.2	37.2	65	65
Rec_54	Residential	33.3	36.2	65	65
Rec_55	Residential	33.4	36	65	65
Rec_56	Residential	33.1	35.8	65	65
Rec_57	Residential	33.6	36.8	65	65
Rec_58	Residential	32.8	35.9	65	65
Rec_59	Residential	33.3	36.3	65	65
Rec_60	Residential	33.5	36.6	65	65
Rec_61	Residential	32.8	35.9	65	65

Table C-1. Scenario 1: Weekday Practice

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_62	Residential	33.7	36.9	65	65
Rec_63	Residential	31	34.1	65	65
Rec_64	Residential	32.3	34.1	65	65
Rec_65	Residential	33.7	37	65	65
Rec_66	Residential	32.1	33.9	65	65
Rec_67	Residential	33.4	34.8	65	65
Rec_68	Residential	34.3	37.6	65	65
Rec_69	Residential	32.7	34.8	65	65
Rec_70	Residential	34.5	37.9	65	65
Rec_71	Residential	34.2	37.2	65	65
Rec_72	Residential	33.2	35.9	65	65
Rec_73	Residential	33.7	37	65	65
Rec_74	Residential	34.2	36.5	65	65
Rec_75	Residential	33.2	35.2	65	65
Rec_76	Residential	33.9	36.5	65	65
Rec_77	Residential	33.6	36.7	65	65
Rec_78	Residential	34	36.4	65	65
Rec_79	Residential	35.4	37.8	65	65
Rec_80	Residential	35.5	38.2	65	65
Rec_81	Residential	33.7	36.3	65	65
Rec_82	Residential	34.5	37.5	65	65
Rec_83	Residential	33.6	36.9	65	65
Rec_84	Residential	34.5	37.5	65	65
Rec_85	Residential	34.5	37.7	65	65
Rec_86	Residential	33.1	36.2	65	65
Rec_87	Residential	34.5	37.5	65	65
Rec_88	Residential	33.8	37.1	65	65
Rec_89	Residential	34.4	37.4	65	65
Rec_90	Residential	32.2	33.6	65	65
Rec_91	Residential	33.6	36.5	65	65
Rec_92	Residential	34.1	37	65	65
Rec_93	Residential	34.3	37.2	65	65
Rec_94	Residential	34.4	37.3	65	65

Table C-1. Scenario 1: Weekday Practice

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_95	Residential	34.5	37.1	65	65
Rec_96	Residential	35.1	38.1	65	65
Rec_97	Residential	36.1	38.8	65	65
Rec_98	Residential	34.1	36.2	65	65
Rec_99	Residential	38	39.8	65	65
Rec_100	Residential	35.2	38	65	65
Rec_101	Residential	35.7	38.1	65	65
Rec_102	Residential	35.2	38.3	65	65
Rec_103	Residential	35.7	38.4	65	65
Rec_104	Residential	35.3	38.4	65	65
Rec_105	Residential	35.3	38.5	65	65
Rec_106	Residential	35.1	38	65	65
Rec_107	Residential	34.5	37.6	65	65
Rec_108	Residential	32.8	34.2	65	65
Rec_109	Residential	33.8	36.6	65	65
Rec_110	Residential	32.8	34.6	65	65
Rec_111	Residential	33.2	35.2	65	65
Rec_112	Residential	34.6	36.5	65	65
Rec_113	Residential	34.2	36	65	65
Rec_114	Residential	35.2	37.1	65	65
Rec_115	Residential	35.5	37.4	65	65
Rec_116	Residential	36.9	39.6	65	65
Rec_117	Residential	40.3	41.9	65	65
Rec_118	Residential	36.8	39.2	65	65
Rec_119	Residential	42.3	43.6	65	65
Rec_120	Residential	36.8	38.5	65	65
Rec_121	Residential	36.7	39	65	65
Rec_122	Residential	35.9	38.4	65	65
Rec_123	Residential	35.4	38.1	65	65
Rec_124	Residential	34.8	37.6	65	65
Rec_125	Residential	35	37.7	65	65
Rec_126	Residential	34.5	37.2	65	65
Rec_127	Residential	34.2	36.4	65	65

Table C-1. Scenario 1: Weekday Practice

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_128	Residential	33.8	36.9	65	65
Rec_129	Residential	33	34.8	65	65
Rec_130	Residential	33	35.3	65	65
Rec_131	Residential	35.9	37.5	65	65
Rec_132	Residential	34.2	36.6	65	65
Rec_133	Residential	35.2	37.1	65	65
Rec_134	Residential	34.8	36.8	65	65
Rec_135	Residential	35.6	37.6	65	65
Rec_136	Residential	35.4	37.4	65	65
Rec_137	Residential	36.2	38.1	65	65
Rec_138	Residential	36.3	38.1	65	65
Rec_139	Residential	36.4	38.2	65	65
Rec_140	Residential	37.1	39.2	65	65
Rec_141	Residential	37.7	39.6	65	65
Rec_142	Residential	37.4	39.3	65	65
Rec_143	Residential	37.9	39.9	65	65
Rec_144	Residential	39.1	40.6	65	65
Rec_145	Residential	38.4	39.7	65	65
Rec_146	Residential	36.5	37.8	65	65
Rec_147	Residential	37.6	39.2	65	65
Rec_148	Residential	36.5	38.3	65	65
Rec_149	Residential	36.6	38.6	65	65
Rec_150	Residential	36	37.8	65	65
Rec_151	Residential	35.9	37.8	65	65
Rec_152	Residential	34.5	36.5	65	65
Rec_153	Residential	33.7	35.7	65	65
Rec_154	Residential	33.5	35.8	65	65
Rec_155	Residential	35.6	36.8	65	65
Rec_156	Residential	35.4	36.4	65	65
Rec_157	Residential	35.1	36.2	65	65
Rec_158	Residential	34.3	35.5	65	65
Rec_159	Residential	36.8	38.4	65	65
Rec_160	Residential	37.5	38.9	65	65

Table C-1. Scenario 1: Weekday Practice

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_161	Residential	36.6	38.2	65	65
Rec_162	Residential	36.7	37.8	65	65
Rec_163	Residential	41.1	42.2	65	65
Rec_164	Residential	41.4	42.4	65	65
Rec_165	Residential	42.3	43.3	65	65
Rec_166	Residential	39.9	41.1	65	65
Rec_167	Residential	42.9	43.8	65	65
Rec_168	Residential	41.6	42.7	65	65
Rec_169	Residential	38.5	40	65	65
Rec_170	Residential	35.8	37.6	65	65
Rec_171	Residential	33.7	36	65	65
Rec_172	Residential	29.6	30.7	65	65
Rec_173	Residential	29.8	31.3	65	65
Rec_174	Residential	31.8	33	65	65
Rec_175	Residential	32.7	34.1	65	65
Rec_176	Residential	33.2	34.7	65	65
Rec_177	Residential	33.4	34.9	65	65
Rec_178	Residential	35.5	37.1	65	65
Rec_179	Residential	35.9	37.8	65	65
Rec_180	Residential	38.9	39.9	65	65
Rec_181	Residential	40.5	41.5	65	65
Rec_182	Residential	36.2	37.2	65	65
Rec_183	Residential	37.8	39.7	65	65
Rec_184	Residential	38	39.2	65	65
Rec_185	Residential	38.8	40.4	65	65
Rec_186	Residential	38.9	40.1	65	65
Rec_187	Residential	36.3	38.2	65	65
Rec_188	Residential	32.8	34.7	65	65
Rec_189	Residential	30.1	31.6	65	65
Rec_190	Residential	32.1	33.3	65	65
Rec_191	Residential	31.7	33	65	65
Rec_192	Residential	34.4	35.5	65	65
Rec_193	Residential	35.8	37.1	65	65

Table C-1. Scenario 1: Weekday Practice

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_194	Residential	52.1	52.8	65	65
Rec_195	Residential	51	51.9	65	65
Rec_196	Residential	50.3	51.2	65	65
Rec_197	Residential	49.9	50.8	65	65
Rec_198	Residential	50.1	50.9	65	65
Rec_199	Residential	51	51.8	65	65
Rec_200	Residential	50.7	51.6	65	65
Rec_201	Residential	49.4	50.3	65	65
Rec_202	Residential	50.2	51.1	65	65
Rec_203	Residential	49.7	50.6	65	65
Rec_204	Residential	45.1	46.2	65	65
Rec_205	Residential	47.7	48.6	65	65
Rec_206	Residential	48.2	49.2	65	65
Rec_207	Residential	48.4	49.4	65	65
Rec_208	Residential	47.6	48.7	65	65
Rec_209	Residential	48.2	49.2	65	65
Rec_210	Residential	46.2	47.2	65	65
Rec_211	Residential	46.3	47.5	65	65
Rec_212	Residential	45.7	47	65	65
Rec_213	Residential	43.8	45.4	65	65
Rec_214	Residential	46.7	47.9	65	65
Rec_215	Residential	46.7	47.8	65	65
Rec_216	Residential	43.4	45.2	65	65
Rec_217	Residential	44.4	45.9	65	65
Rec_218	Residential	46.4	47.7	65	65
Rec_219	Residential	47.2	48.3	65	65
Rec_220	Residential	45.1	46.5	65	65
Rec_221	Residential	46.7	47.9	65	65
Rec_222	Residential	45.8	47.1	65	65
Rec_223	Residential	45.4	46.9	65	65
Rec_224	Residential	45.7	47.1	65	65
Rec_225	Residential	44.7	46.2	65	65
Rec_226	Residential	35.3	36.6	65	65

Table C-1. Scenario 1: Weekday Practice

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_227	Residential	41.1	44.6	65	65
Rec_228	Residential	41.1	44.9	65	65
Rec_229	Residential	40.5	44.5	65	65
Rec_230	Residential	41.5	45.3	65	65
Rec_231	Residential	42.9	47.1	65	65
Rec_232	Residential	44.3	48.3	65	65
Rec_233	Residential	42.1	45.8	65	65
Rec_234	Residential	40.7	44.5	65	65
Rec_235	Residential	39.9	43.9	65	65
Rec_236	Residential	40.9	44.8	65	65
Rec_237	Residential	42.1	46.3	65	65
Rec_238	Residential	42.4	46.5	65	65
Rec_239	Residential	44.4	48.5	65	65
Rec_240	Residential	42.3	46.4	65	65
Rec_241	Residential	46.4	50.4	65	65
Rec_242	Residential	51.1	55.4	65	65
Rec_243	Residential	50.2	54	65	65
Rec_244	Residential	51.2	55.5	65	65
Rec_245	Residential	46.6	50.5	65	65
Rec_246	Residential	43.9	47.8	65	65
Rec_247	Residential	43.4	46.7	65	65
Rec_248	Residential	42.7	44.9	65	65
Rec_249	Residential	43.7	46.5	65	65
Rec_250	Residential	42.1	45.6	65	65
Rec_251	Residential	40.1	44.2	65	65
Rec_252	Residential	36.6	40.9	65	65
Rec_253	Residential	37.1	41.3	65	65
Rec_254	Residential	41.8	45.6	65	65
Rec_255	Residential	42.4	46.2	65	65
Rec_256	Residential	41.6	45.5	65	65
Rec_257	Residential	42.4	46.3	65	65
Rec_258	Residential	45	49.4	65	65
Rec_259	Residential	42.6	46.6	65	65

Table C-1. Scenario 1: Weekday Practice

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_260	Residential	40.7	44.6	65	65
Rec_261	Residential	39.4	43.5	65	65
Rec_262	Residential	40.7	45	65	65
Rec_263	Residential	42.8	46.8	65	65
Rec_264	Residential	41.2	45.2	65	65
Rec_265	Residential	39.3	42.3	65	65
Rec_266	Residential	39.8	43.3	65	65
Rec_267	Residential	37	40.2	65	65
Rec_268	Residential	35.6	37.2	65	65
Rec_269	Residential	40.2	43.6	65	65
Rec_270	Residential	33.8	35.6	65	65
Rec_271	Residential	41	45.1	65	65
Rec_272	Residential	41.3	45.4	65	65
Rec_273	Residential	39	42.3	65	65
Rec_274	Residential	41.1	44.5	65	65
Rec_275	Residential	41.5	44.9	65	65
Rec_276	Residential	39.9	44.1	65	65
Rec_277	Residential	39.3	43.3	65	65
Rec_278	Residential	38.1	41.7	65	65
Rec_279	Residential	36.2	39.8	65	65
Rec_280	Residential	44.6	48.4	65	65
Rec_281	Residential	37.9	42.2	65	65
Rec_282	Residential	38.4	42.2	65	65
Rec_283	Residential	40.1	43.4	65	65
Rec_284	Residential	40	43.8	65	65
Rec_285	Residential	37.8	42.1	65	65
Rec_286	Residential	34.9	38.6	65	65
Rec_287	Residential	39.4	43	65	65
Rec_288	Residential	35.7	39.9	65	65
Rec_289	Residential	44.2	48.3	65	65
Rec_290	Residential	47.2	51.4	65	65
Rec_291	Residential	47.6	51.7	65	65
Rec_292	Residential	45.2	49.4	65	65

Table C-1. Scenario 1: Weekday Practice

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_293	Residential	46.4	50.5	65	65
Rec_294	Residential	45.7	49.8	65	65
Rec_295	Residential	45.3	49.4	65	65
Rec_296	Residential	44.9	48.9	65	65
Rec_297	Residential	44.7	48.8	65	65
Rec_298	Residential	43.8	47.8	65	65
Rec_299	Residential	44	48	65	65
Rec_300	Residential	43.7	47.7	65	65
Rec_301	Residential	43.8	47.7	65	65
Rec_302	Residential	42.4	46.3	65	65
Rec_303	Residential	42.9	46.8	65	65
Rec_304	Residential	38.8	43	65	65
Rec_305	Residential	36.3	40.5	65	65
Rec_306	Residential	38.2	42.4	65	65
Rec_307	Residential	39.9	43.6	65	65
Rec_308	Residential	38.6	42.7	65	65
Rec_309	Residential	39.2	43.3	65	65
Rec_310	Residential	39.7	43.8	65	65
Rec_311	Residential	36.7	40.7	65	65
Rec_312	Residential	37.5	41.6	65	65
Rec_313	Residential	36.2	40.4	65	65
Rec_314	Residential	33.6	37.7	65	65
Rec_315	Residential	33.1	37.3	65	65
Rec_316	Residential	38.1	42	65	65
Rec_317	Residential	36.6	40.6	65	65
Rec_318	Residential	35	39.2	65	65
Rec_319	Residential	38.2	41.8	65	65
Rec_320	Residential	32.9	37	65	65
Rec_321	Residential	35.5	39.6	65	65
Rec_322	Residential	39	42.8	65	65
Rec_323	Residential	34.8	39	65	65
Rec_324	Residential	32	36.2	65	65
Rec_325	Residential	39.2	43.3	65	65

Table C-1. Scenario 1: Weekday Practice

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_326	Residential	38.1	42.2	65	65
Rec_327	Residential	39.2	43.2	65	65
Rec_328	Residential	45.2	49.4	65	65
Rec_329	Residential	46.6	50.7	65	65
Rec_330	Residential	45.1	49.1	65	65
Rec_331	Residential	44.9	48.9	65	65
Rec_332	Residential	44.8	48.7	65	65
Rec_333	Residential	43.5	47.9	65	65
Rec_334	Residential	38.8	42.5	65	65
Rec_335	Residential	37.4	41.6	65	65
Rec_336	Residential	38.5	42.7	65	65
Rec_337	Residential	37.5	41.6	65	65
Rec_338	Residential	39.5	43.6	65	65
Rec_339	Residential	37.9	42.2	65	65
Rec_340	Residential	39.3	43.2	65	65
Rec_341	Residential	40.8	44.6	65	65
Rec_342	Residential	39.1	43.2	65	65
Rec_343	Residential	38.5	42.6	65	65
Rec_344	Residential	38.2	42.5	65	65
Rec_345	Residential	37.7	41.8	65	65
Rec_346	Residential	31.9	36	65	65
Rec_347	Residential	31.7	35.9	65	65
Rec_348	Residential	36.8	40.9	65	65
Rec_349	Residential	36.5	40.8	65	65
Rec_350	Residential	35.5	39.7	65	65
Rec_351	Residential	38	42	65	65
Rec_352	Residential	35.3	39.5	65	65
Rec_353	Residential	41.2	45.3	65	65
Rec_354	Residential	40.7	44.8	65	65
Rec_355	Residential	37.8	42.1	65	65
Rec_356	Residential	38.3	42.4	65	65
Rec_357	Residential	44.3	48.1	65	65
Rec_358	Residential	43	46.9	65	65

Table C-1. Scenario 1: Weekday Practice

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_359	Residential	38.8	42.8	65	65
Rec_360	Residential	39.1	43.2	65	65
Rec_361	Residential	40.3	44	65	65
Rec_362	Residential	40.5	44.6	65	65
Rec_363	Residential	39.9	44	65	65
Rec_364	Residential	41.1	45	65	65
Rec_365	Residential	39	43	65	65
Rec_366	Residential	38.4	42.5	65	65
Rec_367	Residential	38.6	42.4	65	65
Rec_368	Residential	40.5	44.2	65	65
Rec_369	Residential	35.7	39.8	65	65
Rec_370	Residential	40.6	44.6	65	65
Rec_371	Residential	37.7	41.5	65	65
Rec_372	Residential	39.2	42.8	65	65
Rec_373	Residential	37.8	41.9	65	65
Rec_374	Residential	38.5	42.7	65	65
Rec_375	Residential	34.9	38.6	65	65
Rec_376	Residential	40.4	44.6	65	65
Rec_377	Residential	36.7	40.5	65	65
Rec_378	Residential	37.4	41.6	65	65
Rec_379	Residential	37.3	41.4	65	65
Rec_380	Residential	39.5	43.7	65	65
Rec_381	Residential	43.9	47.8	65	65
Rec_382	Residential	43.7	47.5	65	65
Rec_383	Residential	39.4	43.1	65	65
Rec_384	Residential	33.7	38	65	65
Rec_385	Residential	42.3	46.1	65	65
Rec_386	Residential	42.3	46.2	65	65
Rec_387	Residential	41.9	45.7	65	65
Rec_388	Residential	42.1	46.1	65	65
Rec_389	Residential	33.2	37.3	65	65
Rec_390	Residential	35.9	39.9	65	65
Rec_391	Residential	36.2	40.2	65	65

Table C-1. Scenario 1: Weekday Practice

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_392	Residential	33.9	37.8	65	65
Rec_393	Residential	37.5	41.4	65	65
Rec_394	Residential	37.4	41.5	65	65
Rec_395	Residential	37.7	41.7	65	65
Rec_396	Residential	35.7	39.8	65	65
Rec_397	Residential	34.5	38.7	65	65
Rec_398	Residential	36.7	40.7	65	65
Rec_399	Residential	40.3	44	65	65
Rec_400	Residential	38.6	42.6	65	65
Rec_401	Residential	34.2	38.5	65	65
Rec_402	Residential	41.4	43	65	65
Rec_403	Residential	41.1	42.7	65	65
Rec_404	Residential	41.3	43	65	65
Rec_405	Residential	40.6	42.3	65	65
Rec_406	Residential	42.3	43.8	65	65
Rec_407	Residential	43.3	44.6	65	65
Rec_408	Residential	42.1	43.6	65	65
Rec_409	Residential	40.7	42.1	65	65
Rec_410	Residential	41.5	43	65	65
Rec_411	Residential	41.8	43.3	65	65
Rec_412	Residential	40.3	41.5	65	65
Rec_413	Residential	40	41.1	65	65
Rec_414	Residential	29.4	31.4	65	65
Rec_415	Residential	32.6	34.1	65	65
Rec_416	Residential	25.9	28.5	65	65
Rec_417a	Residential	36.8	39.1	65	65
Rec_417b	Residential	27	31.1	65	65
Rec_418	Residential	33.7	35.1	65	65
Rec_419	Residential	35.4	37	65	65
Rec_420	Daycare	50.7	54.8	65	65
Rec_421	Daycare	50.2	54.2	65	65
Rec_422	Recreational	43.5	44.3	65	65
Rec_423	Residential	32.6	36.9	65	65

Table C-1. Scenario 1: Weekday Practice

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_424	Residential	43.7	47.5	65	65
Rec_425	Residential	43.2	47.1	65	65
Rec_426b	Residential	47	51.2	65	65
Rec_426a	Residential	37.5	41.8	65	65
Rec_427	Multi-Family Residential	32.1	36.2	65	65
Rec_428	Multi-Family Residential	42.6	44.7	65	65
Rec_429	Multi-Family Residential	42.9	45.4	65	65
Rec_430	Multi-Family Residential	41.7	43.3	65	65
Rec_431	Multi-Family Residential	41.8	43.6	65	65
Rec_432	Multi-Family Residential	41	42.1	65	65
Rec_433	Multi-Family Residential	40.9	41.8	65	65
Rec_434	Multi-Family Residential	40.6	41.7	65	65
Rec_435	Multi-Family Residential	40.9	41.9	65	65
Rec_436	Multi-Family Residential	39	40	65	65
Rec_437	Multi-Family Residential	39.2	40.3	65	65
Rec_438	Multi-Family Residential	39	39.9	65	65
Rec_439	Multi-Family Residential	39.2	40.2	65	65
Rec_440	Multi-Family Residential	32.1	36.4	65	65
Rec_441	Multi-Family Residential	33.2	37.5	65	65
Rec_442	Multi-Family Residential	28.2	32.3	65	65
Rec_443	Multi-Family Residential	29.2	33.4	65	65
Rec_444	Multi-Family Residential	28.6	32.7	65	65
Rec_445	Multi-Family Residential	36.3	40.5	65	65
Rec_446	Multi-Family Residential	34.9	38.9	65	65
Rec_447	Multi-Family Residential	35.4	38	65	65
Rec_448	Multi-Family Residential	33.5	37.2	65	65

Table C-2. Scenario 2: Weekend Regular Season Games

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_1	Residential	43.8	44.8	65	65
Rec_2	Residential	36.1	37.7	65	65
Rec_3	Residential	36.6	38	65	65
Rec_4	Residential	32.3	34.3	65	65
Rec_5	Residential	39.8	40.9	65	65
Rec_6	Residential	29.1	31.1	65	65
Rec_7	Residential	30.7	33.1	65	65
Rec_8	Residential	33.6	35.3	65	65
Rec_9	Residential	33.4	35.1	65	65
Rec_10	Residential	29.5	31.8	65	65
Rec_11	Residential	34.3	35.8	65	65
Rec_12	Residential	42.4	43.6	65	65
Rec_13	Residential	44.4	46.4	65	65
Rec_14	Residential	45	47.2	65	65
Rec_15	Residential	35	38.2	65	65
Rec_16	Residential	40.3	42	65	65
Rec_17	Residential	34.5	37.8	65	65
Rec_18	Residential	29.5	33	65	65
Rec_19	Residential	32.5	35.9	65	65
Rec_20	Residential	30.5	34.3	65	65
Rec_21	Residential	31.7	35.1	65	65
Rec_22	Residential	31.7	35.3	65	65
Rec_23	Residential	31.8	35.6	65	65
Rec_24	Residential	31.3	34.8	65	65
Rec_25	Residential	28.7	32.5	65	65
Rec_26	Residential	44.6	47.1	65	65
Rec_27	Residential	44	45.9	65	65
Rec_28	Residential	42.6	45.4	65	65
Rec_29	Residential	41.1	44.6	65	65
Rec_30	Residential	43.4	45.7	65	65
Rec_31	Residential	43.2	46	65	65
Rec_32	Residential	43.2	46.4	65	65
Rec_33	Residential	37.8	39.7	65	65

Table C-2. Scenario 2: Weekend Regular Season Games

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_34	Residential	38.5	40	65	65
Rec_35	Residential	36.6	38.3	65	65
Rec_36	Residential	35.8	37.8	65	65
Rec_37	Residential	37.1	38.7	65	65
Rec_38	Residential	31.9	35.3	65	65
Rec_39	Residential	30.7	34.1	65	65
Rec_40	Residential	30.2	33.8	65	65
Rec_41	Residential	29.8	33.4	65	65
Rec_42	Residential	29.6	33.3	65	65
Rec_43	Residential	33	37	65	65
Rec_44	Residential	33.3	36.9	65	65
Rec_45	Residential	33	36.9	65	65
Rec_46	Residential	33.1	36.4	65	65
Rec_47	Residential	32.8	36.6	65	65
Rec_48	Residential	32.9	36.6	65	65
Rec_49	Residential	32.5	36.6	65	65
Rec_50	Residential	32	36	65	65
Rec_51	Residential	32.6	36.4	65	65
Rec_52	Residential	32.7	36.4	65	65
Rec_53	Residential	33.2	36.6	65	65
Rec_54	Residential	32.3	35.7	65	65
Rec_55	Residential	31.6	35.5	65	65
Rec_56	Residential	32	35.3	65	65
Rec_57	Residential	32.4	36.2	65	65
Rec_58	Residential	31.7	35.3	65	65
Rec_59	Residential	32	35.7	65	65
Rec_60	Residential	32.3	36.1	65	65
Rec_61	Residential	31.6	35.4	65	65
Rec_62	Residential	32.5	36.3	65	65
Rec_63	Residential	30	33.6	65	65
Rec_64	Residential	30.4	33.8	65	65
Rec_65	Residential	32.5	36.4	65	65
Rec_66	Residential	30	33.6	65	65

Table C-2. Scenario 2: Weekend Regular Season Games

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_67	Residential	30.9	34.6	65	65
Rec_68	Residential	33	37	65	65
Rec_69	Residential	30.8	34.5	65	65
Rec_70	Residential	33.2	37.2	65	65
Rec_71	Residential	32.7	36.6	65	65
Rec_72	Residential	31.6	35.4	65	65
Rec_73	Residential	32.4	36.4	65	65
Rec_74	Residential	32.4	36.1	65	65
Rec_75	Residential	31.2	34.9	65	65
Rec_76	Residential	32.2	36.1	65	65
Rec_77	Residential	32.1	36.1	65	65
Rec_78	Residential	32.3	36	65	65
Rec_79	Residential	33.6	37.4	65	65
Rec_80	Residential	33.8	37.7	65	65
Rec_81	Residential	32	35.8	65	65
Rec_82	Residential	33.1	37	65	65
Rec_83	Residential	32.2	36.3	65	65
Rec_84	Residential	33.1	36.9	65	65
Rec_85	Residential	33.1	37.1	65	65
Rec_86	Residential	31.7	35.6	65	65
Rec_87	Residential	33	37	65	65
Rec_88	Residential	32.5	36.5	65	65
Rec_89	Residential	32.8	36.8	65	65
Rec_90	Residential	29.6	33.4	65	65
Rec_91	Residential	31.9	36	65	65
Rec_92	Residential	32.3	36.5	65	65
Rec_93	Residential	32.9	36.7	65	65
Rec_94	Residential	32.7	36.8	65	65
Rec_95	Residential	32.4	36.6	65	65
Rec_96	Residential	33.6	37.6	65	65
Rec_97	Residential	34.1	38.3	65	65
Rec_98	Residential	32	35.9	65	65
Rec_99	Residential	35.1	39.5	65	65

Table C-2. Scenario 2: Weekend Regular Season Games

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_100	Residential	33.5	37.5	65	65
Rec_101	Residential	33.4	37.7	65	65
Rec_102	Residential	33.8	37.7	65	65
Rec_103	Residential	34	37.9	65	65
Rec_104	Residential	33.8	37.8	65	65
Rec_105	Residential	33.8	37.9	65	65
Rec_106	Residential	33.4	37.5	65	65
Rec_107	Residential	33.2	37.1	65	65
Rec_108	Residential	30	34	65	65
Rec_109	Residential	32	36.1	65	65
Rec_110	Residential	30.5	34.4	65	65
Rec_111	Residential	31	34.9	65	65
Rec_112	Residential	32	36.2	65	65
Rec_113	Residential	31.7	35.8	65	65
Rec_114	Residential	32.9	36.8	65	65
Rec_115	Residential	33.1	37.2	65	65
Rec_116	Residential	35	39.1	65	65
Rec_117	Residential	37.6	41.7	65	65
Rec_118	Residential	34.7	38.8	65	65
Rec_119	Residential	39.3	43.4	65	65
Rec_120	Residential	34.3	38.3	65	65
Rec_121	Residential	34.4	38.6	65	65
Rec_122	Residential	33.9	38	65	65
Rec_123	Residential	33.5	37.6	65	65
Rec_124	Residential	32.9	37.1	65	65
Rec_125	Residential	33.3	37.3	65	65
Rec_126	Residential	32.7	36.7	65	65
Rec_127	Residential	32	36	65	65
Rec_128	Residential	32.4	36.3	65	65
Rec_129	Residential	30.4	34.5	65	65
Rec_130	Residential	30.9	34.9	65	65
Rec_131	Residential	33.1	37.3	65	65
Rec_132	Residential	32.3	36.2	65	65

Table C-2. Scenario 2: Weekend Regular Season Games

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_133	Residential	32.5	36.8	65	65
Rec_134	Residential	32.4	36.5	65	65
Rec_135	Residential	33.1	37.3	65	65
Rec_136	Residential	33	37.1	65	65
Rec_137	Residential	33.7	37.8	65	65
Rec_138	Residential	33.7	37.8	65	65
Rec_139	Residential	33.9	38	65	65
Rec_140	Residential	34.7	38.8	65	65
Rec_141	Residential	34.8	39.3	65	65
Rec_142	Residential	34.8	39	65	65
Rec_143	Residential	35.6	39.6	65	65
Rec_144	Residential	36.2	40.4	65	65
Rec_145	Residential	35.2	39.6	65	65
Rec_146	Residential	33.5	37.7	65	65
Rec_147	Residential	35.1	39	65	65
Rec_148	Residential	33.9	38	65	65
Rec_149	Residential	34.1	38.3	65	65
Rec_150	Residential	33.4	37.6	65	65
Rec_151	Residential	33.4	37.5	65	65
Rec_152	Residential	32	36.2	65	65
Rec_153	Residential	31.7	35.4	65	65
Rec_154	Residential	31.6	35.4	65	65
Rec_155	Residential	32.2	36.7	65	65
Rec_156	Residential	31.6	36.4	65	65
Rec_157	Residential	31.4	36.1	65	65
Rec_158	Residential	30.9	35.4	65	65
Rec_159	Residential	33.8	38.2	65	65
Rec_160	Residential	33.9	38.7	65	65
Rec_161	Residential	33.7	38	65	65
Rec_162	Residential	33.2	37.7	65	65
Rec_163	Residential	37.2	42.1	65	65
Rec_164	Residential	37.5	42.4	65	65
Rec_165	Residential	38.3	43.3	65	65

Table C-2. Scenario 2: Weekend Regular Season Games

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_166	Residential	36.4	41	65	65
Rec_167	Residential	38.7	43.7	65	65
Rec_168	Residential	37.7	42.6	65	65
Rec_169	Residential	35.1	39.8	65	65
Rec_170	Residential	32.9	37.3	65	65
Rec_171	Residential	31.4	35.6	65	65
Rec_172	Residential	28.2	30.6	65	65
Rec_173	Residential	28.5	31.1	65	65
Rec_174	Residential	28.6	32.9	65	65
Rec_175	Residential	29.7	33.9	65	65
Rec_176	Residential	30.5	34.5	65	65
Rec_177	Residential	30.4	34.7	65	65
Rec_178	Residential	33.2	36.9	65	65
Rec_179	Residential	33.4	37.6	65	65
Rec_180	Residential	35.2	39.8	65	65
Rec_181	Residential	36.7	41.4	65	65
Rec_182	Residential	33.1	37.2	65	65
Rec_183	Residential	35.3	39.4	65	65
Rec_184	Residential	35	39.1	65	65
Rec_185	Residential	36	40.2	65	65
Rec_186	Residential	36	40	65	65
Rec_187	Residential	34.4	38	65	65
Rec_188	Residential	30.7	34.4	65	65
Rec_189	Residential	28.3	31.5	65	65
Rec_190	Residential	28.6	33.2	65	65
Rec_191	Residential	29.3	32.9	65	65
Rec_192	Residential	31	35.4	65	65
Rec_193	Residential	34.6	37.1	65	65
Rec_194	Residential	47.8	52.8	65	65
Rec_195	Residential	46.8	51.8	65	65
Rec_196	Residential	46.2	51.2	65	65
Rec_197	Residential	45.8	50.8	65	65
Rec_198	Residential	45.9	50.9	65	65

Table C-2. Scenario 2: Weekend Regular Season Games

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_199	Residential	46.7	51.8	65	65
Rec_200	Residential	46.5	51.5	65	65
Rec_201	Residential	45.4	50.3	65	65
Rec_202	Residential	46	51	65	65
Rec_203	Residential	45.7	50.6	65	65
Rec_204	Residential	41.7	46.1	65	65
Rec_205	Residential	43.9	48.6	65	65
Rec_206	Residential	44.4	49.1	65	65
Rec_207	Residential	44.4	49.3	65	65
Rec_208	Residential	44.1	48.6	65	65
Rec_209	Residential	44.3	49.1	65	65
Rec_210	Residential	42.5	47.1	65	65
Rec_211	Residential	43.1	47.4	65	65
Rec_212	Residential	42.7	46.9	65	65
Rec_213	Residential	42.6	45.2	65	65
Rec_214	Residential	44	47.8	65	65
Rec_215	Residential	43.9	47.7	65	65
Rec_216	Residential	41.6	44.9	65	65
Rec_217	Residential	42.3	45.7	65	65
Rec_218	Residential	43	47.5	65	65
Rec_219	Residential	43.9	48.2	65	65
Rec_220	Residential	42	46.4	65	65
Rec_221	Residential	44.9	47.8	65	65
Rec_222	Residential	44.5	47	65	65
Rec_223	Residential	44	46.7	65	65
Rec_224	Residential	43.8	46.9	65	65
Rec_225	Residential	43.3	46	65	65
Rec_226	Residential	33.2	36.5	65	65
Rec_227	Residential	40.1	44	65	65
Rec_228	Residential	40.1	44.3	65	65
Rec_229	Residential	39.8	43.7	65	65
Rec_230	Residential	40.7	44.6	65	65
Rec_231	Residential	42.2	46.4	65	65

Table C-2. Scenario 2: Weekend Regular Season Games

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_232	Residential	43.5	47.6	65	65
Rec_233	Residential	41	45.1	65	65
Rec_234	Residential	40	43.8	65	65
Rec_235	Residential	39	43.2	65	65
Rec_236	Residential	39.9	44.1	65	65
Rec_237	Residential	41.4	45.6	65	65
Rec_238	Residential	41.6	45.8	65	65
Rec_239	Residential	43.5	47.8	65	65
Rec_240	Residential	41.5	45.7	65	65
Rec_241	Residential	45.5	49.7	65	65
Rec_242	Residential	50.4	54.6	65	65
Rec_243	Residential	49.5	53.3	65	65
Rec_244	Residential	50.5	54.7	65	65
Rec_245	Residential	45.8	49.8	65	65
Rec_246	Residential	43.3	47.1	65	65
Rec_247	Residential	43	46.1	65	65
Rec_248	Residential	41.5	44.6	65	65
Rec_249	Residential	42.3	46	65	65
Rec_250	Residential	40.6	45	65	65
Rec_251	Residential	39.2	43.5	65	65
Rec_252	Residential	35.9	40.1	65	65
Rec_253	Residential	36.3	40.5	65	65
Rec_254	Residential	41.2	44.9	65	65
Rec_255	Residential	41.2	45.5	65	65
Rec_256	Residential	40.7	44.8	65	65
Rec_257	Residential	41.3	45.6	65	65
Rec_258	Residential	44.4	48.6	65	65
Rec_259	Residential	41.6	45.9	65	65
Rec_260	Residential	39.6	43.9	65	65
Rec_261	Residential	38.5	42.7	65	65
Rec_262	Residential	40	44.2	65	65
Rec_263	Residential	41.8	46.1	65	65
Rec_264	Residential	40.2	44.5	65	65

Table C-2. Scenario 2: Weekend Regular Season Games

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_265	Residential	38.3	41.7	65	65
Rec_266	Residential	38.4	42.7	65	65
Rec_267	Residential	36.4	39.6	65	65
Rec_268	Residential	35.4	37	65	65
Rec_269	Residential	39.7	43	65	65
Rec_270	Residential	33.6	35.3	65	65
Rec_271	Residential	40.3	44.3	65	65
Rec_272	Residential	40.6	44.7	65	65
Rec_273	Residential	37.9	41.7	65	65
Rec_274	Residential	40.6	43.8	65	65
Rec_275	Residential	39.8	44.3	65	65
Rec_276	Residential	39.3	43.3	65	65
Rec_277	Residential	38.7	42.5	65	65
Rec_278	Residential	36.7	41	65	65
Rec_279	Residential	35.7	39.1	65	65
Rec_280	Residential	43.6	47.7	65	65
Rec_281	Residential	37.3	41.5	65	65
Rec_282	Residential	37.7	41.5	65	65
Rec_283	Residential	38.7	42.8	65	65
Rec_284	Residential	39.3	43.1	65	65
Rec_285	Residential	37.1	41.3	65	65
Rec_286	Residential	34.4	37.9	65	65
Rec_287	Residential	38.5	42.3	65	65
Rec_288	Residential	34.9	39.1	65	65
Rec_289	Residential	43.3	47.6	65	65
Rec_290	Residential	46.4	50.7	65	65
Rec_291	Residential	46.7	51	65	65
Rec_292	Residential	44.4	48.7	65	65
Rec_293	Residential	45.6	49.8	65	65
Rec_294	Residential	44.9	49.1	65	65
Rec_295	Residential	44.4	48.7	65	65
Rec_296	Residential	44	48.2	65	65
Rec_297	Residential	43.8	48	65	65

Table C-2. Scenario 2: Weekend Regular Season Games

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_298	Residential	42.9	47.1	65	65
Rec_299	Residential	43.1	47.3	65	65
Rec_300	Residential	42.8	47	65	65
Rec_301	Residential	42.8	47	65	65
Rec_302	Residential	41.4	45.6	65	65
Rec_303	Residential	41.9	46.1	65	65
Rec_304	Residential	38.1	42.3	65	65
Rec_305	Residential	35.5	39.8	65	65
Rec_306	Residential	37.4	41.7	65	65
Rec_307	Residential	38.6	42.9	65	65
Rec_308	Residential	37.8	42	65	65
Rec_309	Residential	38.3	42.5	65	65
Rec_310	Residential	38.9	43.1	65	65
Rec_311	Residential	36	40	65	65
Rec_312	Residential	36.7	40.9	65	65
Rec_313	Residential	35.4	39.7	65	65
Rec_314	Residential	32.8	37	65	65
Rec_315	Residential	32.4	36.6	65	65
Rec_316	Residential	37	41.3	65	65
Rec_317	Residential	35.7	39.9	65	65
Rec_318	Residential	34.2	38.4	65	65
Rec_319	Residential	36.8	41.1	65	65
Rec_320	Residential	32.1	36.3	65	65
Rec_321	Residential	34.8	38.9	65	65
Rec_322	Residential	37.8	42.1	65	65
Rec_323	Residential	34	38.2	65	65
Rec_324	Residential	31.2	35.4	65	65
Rec_325	Residential	38.3	42.6	65	65
Rec_326	Residential	37.2	41.4	65	65
Rec_327	Residential	38.2	42.5	65	65
Rec_328	Residential	44.4	48.6	65	65
Rec_329	Residential	45.7	50	65	65
Rec_330	Residential	44.2	48.4	65	65

Table C-2. Scenario 2: Weekend Regular Season Games

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_331	Residential	43.9	48.2	65	65
Rec_332	Residential	44	48	65	65
Rec_333	Residential	42.8	47.1	65	65
Rec_334	Residential	38.2	41.8	65	65
Rec_335	Residential	36.7	40.9	65	65
Rec_336	Residential	37.7	41.9	65	65
Rec_337	Residential	36.8	40.9	65	65
Rec_338	Residential	38.8	42.9	65	65
Rec_339	Residential	37.2	41.5	65	65
Rec_340	Residential	38.4	42.5	65	65
Rec_341	Residential	40	44	65	65
Rec_342	Residential	38.5	42.5	65	65
Rec_343	Residential	37.7	41.9	65	65
Rec_344	Residential	37.5	41.7	65	65
Rec_345	Residential	36.8	41	65	65
Rec_346	Residential	31.1	35.3	65	65
Rec_347	Residential	31	35.2	65	65
Rec_348	Residential	35.9	40.2	65	65
Rec_349	Residential	35.8	40	65	65
Rec_350	Residential	34.8	39	65	65
Rec_351	Residential	37	41.3	65	65
Rec_352	Residential	34.5	38.8	65	65
Rec_353	Residential	40.5	44.6	65	65
Rec_354	Residential	39.9	44.1	65	65
Rec_355	Residential	37	41.3	65	65
Rec_356	Residential	37.5	41.6	65	65
Rec_357	Residential	43.4	47.4	65	65
Rec_358	Residential	42	46.2	65	65
Rec_359	Residential	37.8	42.1	65	65
Rec_360	Residential	38.4	42.5	65	65
Rec_361	Residential	39.1	43.4	65	65
Rec_362	Residential	39.6	43.9	65	65
Rec_363	Residential	39.1	43.3	65	65

Table C-2. Scenario 2: Weekend Regular Season Games

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_364	Residential	40.1	44.3	65	65
Rec_365	Residential	38.2	42.3	65	65
Rec_366	Residential	37.7	41.8	65	65
Rec_367	Residential	38	41.7	65	65
Rec_368	Residential	39.4	43.5	65	65
Rec_369	Residential	34.9	39.1	65	65
Rec_370	Residential	39.6	43.9	65	65
Rec_371	Residential	36.6	40.8	65	65
Rec_372	Residential	37.8	42.2	65	65
Rec_373	Residential	37	41.2	65	65
Rec_374	Residential	37.6	41.9	65	65
Rec_375	Residential	33.8	38	65	65
Rec_376	Residential	39.6	43.8	65	65
Rec_377	Residential	36.1	39.8	65	65
Rec_378	Residential	36.7	40.9	65	65
Rec_379	Residential	36.5	40.7	65	65
Rec_380	Residential	38.8	42.9	65	65
Rec_381	Residential	42.9	47.1	65	65
Rec_382	Residential	42.8	46.8	65	65
Rec_383	Residential	38.8	42.4	65	65
Rec_384	Residential	33	37.2	65	65
Rec_385	Residential	41.5	45.4	65	65
Rec_386	Residential	41.5	45.5	65	65
Rec_387	Residential	41	45	65	65
Rec_388	Residential	41.2	45.3	65	65
Rec_389	Residential	32.4	36.6	65	65
Rec_390	Residential	35.1	39.2	65	65
Rec_391	Residential	35.5	39.5	65	65
Rec_392	Residential	33.2	37.1	65	65
Rec_393	Residential	36.8	40.7	65	65
Rec_394	Residential	36.6	40.7	65	65
Rec_395	Residential	36.8	41	65	65
Rec_396	Residential	34.9	39.1	65	65

Table C-2. Scenario 2: Weekend Regular Season Games

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_397	Residential	33.8	37.9	65	65
Rec_398	Residential	35.7	40	65	65
Rec_399	Residential	39	43.3	65	65
Rec_400	Residential	37.7	41.9	65	65
Rec_401	Residential	33.5	37.7	65	65
Rec_402	Residential	41.2	42.8	65	65
Rec_403	Residential	40.9	42.4	65	65
Rec_404	Residential	41.1	42.7	65	65
Rec_405	Residential	40.3	42	65	65
Rec_406	Residential	41.7	43.6	65	65
Rec_407	Residential	42.3	44.5	65	65
Rec_408	Residential	41.1	43.4	65	65
Rec_409	Residential	39.9	41.9	65	65
Rec_410	Residential	40.6	42.8	65	65
Rec_411	Residential	40.6	43.1	65	65
Rec_412	Residential	38.6	41.4	65	65
Rec_413	Residential	39.4	41	65	65
Rec_414	Residential	27.8	31.1	65	65
Rec_415	Residential	29.4	33.9	65	65
Rec_416	Residential	23.9	28.1	65	65
Rec_417a	Residential	34	38.7	65	65
Rec_417b	Recreational	26.1	30.4	65	65
Rec_418	Residential	30	34.9	65	65
Rec_419	Residential	31.8	36.8	65	65
Rec_420	Daycare	49.9	54	65	70
Rec_421	Daycare	49.3	53.5	65	70
Rec_422	Recreational	42.9	44.3	65	65
Rec_423	Residential	31.9	36.2	65	65
Rec_424	Residential	42.5	46.8	65	65
Rec_425	Residential	42.1	46.4	65	65
Rec_426b	Recreational	46.2	50.4	65	65
Rec_426a	Recreational	36.8	41	65	65
Rec_427	Multi-Family Residential	31.5	35.5	65	65

Table C-2. Scenario 2: Weekend Regular Season Games

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_428	Multi-Family Residential	41.9	44.4	65	65
Rec_429	Multi-Family Residential	42.2	44.9	65	65
Rec_430	Multi-Family Residential	41	43.1	65	65
Rec_431	Multi-Family Residential	41.1	43.3	65	65
Rec_432	Multi-Family Residential	40.3	42	65	65
Rec_433	Multi-Family Residential	40.1	41.8	65	65
Rec_434	Multi-Family Residential	39.9	41.6	65	65
Rec_435	Multi-Family Residential	40.1	41.8	65	65
Rec_436	Multi-Family Residential	38.9	39.9	65	65
Rec_437	Multi-Family Residential	39.1	40.2	65	65
Rec_438	Multi-Family Residential	38.8	39.9	65	65
Rec_439	Multi-Family Residential	39	40.1	65	65
Rec_440	Multi-Family Residential	31.5	35.6	65	65
Rec_441	Multi-Family Residential	32.6	36.7	65	65
Rec_442	Multi-Family Residential	27.5	31.6	65	65
Rec_443	Multi-Family Residential	28.5	32.6	65	65
Rec_444	Multi-Family Residential	27.9	32	65	65
Rec_445	Multi-Family Residential	35.7	39.7	65	65
Rec_446	Multi-Family Residential	34.2	38.2	65	65
Rec_447	Multi-Family Residential	34.9	37.5	65	65
Rec_448	Multi-Family Residential	32.8	36.5	65	65

Table C-3. Scenario 3: Tournament Weekends

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_1	Residential	44	44.8	65	65
Rec_2	Residential	36.6	37.7	65	65
Rec_3	Residential	37	38	65	65

Table C-3. Scenario 3: Tournament Weekends

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_4	Residential	33.3	34.3	65	65
Rec_5	Residential	40.1	40.9	65	65
Rec_6	Residential	29.9	31.1	65	65
Rec_7	Residential	31.6	33.1	65	65
Rec_8	Residential	34.4	35.3	65	65
Rec_9	Residential	34.1	35.1	65	65
Rec_10	Residential	30.7	31.8	65	65
Rec_11	Residential	34.9	35.8	65	65
Rec_12	Residential	42.8	43.6	65	65
Rec_13	Residential	44.6	46.4	65	65
Rec_14	Residential	45.3	47.2	65	65
Rec_15	Residential	36.2	38.2	65	65
Rec_16	Residential	40.9	42	65	65
Rec_17	Residential	36.2	37.8	65	65
Rec_18	Residential	31	33	65	65
Rec_19	Residential	34.3	35.9	65	65
Rec_20	Residential	32.7	34.3	65	65
Rec_21	Residential	33.7	35.1	65	65
Rec_22	Residential	33.5	35.3	65	65
Rec_23	Residential	33.9	35.6	65	65
Rec_24	Residential	33.4	34.8	65	65
Rec_25	Residential	30.9	32.5	65	65
Rec_26	Residential	44.9	47.1	65	65
Rec_27	Residential	44.4	45.9	65	65
Rec_28	Residential	43.1	45.4	65	65
Rec_29	Residential	41.9	44.6	65	65
Rec_30	Residential	43.9	45.7	65	65
Rec_31	Residential	43.9	46	65	65
Rec_32	Residential	43.9	46.4	65	65
Rec_33	Residential	38.6	39.7	65	65
Rec_34	Residential	38.9	40	65	65
Rec_35	Residential	37.2	38.3	65	65
Rec_36	Residential	36.8	37.8	65	65

Table C-3. Scenario 3: Tournament Weekends

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_37	Residential	37.7	38.7	65	65
Rec_38	Residential	33.8	35.3	65	65
Rec_39	Residential	32.6	34.1	65	65
Rec_40	Residential	32.2	33.8	65	65
Rec_41	Residential	31.8	33.4	65	65
Rec_42	Residential	31.8	33.3	65	65
Rec_43	Residential	35.2	37	65	65
Rec_44	Residential	35.2	36.9	65	65
Rec_45	Residential	35	36.9	65	65
Rec_46	Residential	34.8	36.4	65	65
Rec_47	Residential	35	36.6	65	65
Rec_48	Residential	35	36.6	65	65
Rec_49	Residential	34.6	36.6	65	65
Rec_50	Residential	34.4	36	65	65
Rec_51	Residential	34.9	36.4	65	65
Rec_52	Residential	34.8	36.4	65	65
Rec_53	Residential	35.1	36.6	65	65
Rec_54	Residential	34.2	35.7	65	65
Rec_55	Residential	33.5	35.5	65	65
Rec_56	Residential	33.7	35.3	65	65
Rec_57	Residential	34.6	36.2	65	65
Rec_58	Residential	33.8	35.3	65	65
Rec_59	Residential	34.1	35.7	65	65
Rec_60	Residential	34.5	36.1	65	65
Rec_61	Residential	33.8	35.4	65	65
Rec_62	Residential	34.7	36.3	65	65
Rec_63	Residential	32.1	33.6	65	65
Rec_64	Residential	31.6	33.8	65	65
Rec_65	Residential	34.8	36.4	65	65
Rec_66	Residential	31.1	33.6	65	65
Rec_67	Residential	31.7	34.6	65	65
Rec_68	Residential	35.3	37	65	65
Rec_69	Residential	32.2	34.5	65	65

Table C-3. Scenario 3: Tournament Weekends

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_70	Residential	35.6	37.2	65	65
Rec_71	Residential	34.8	36.6	65	65
Rec_72	Residential	33.4	35.4	65	65
Rec_73	Residential	34.7	36.4	65	65
Rec_74	Residential	34	36.1	65	65
Rec_75	Residential	32.5	34.9	65	65
Rec_76	Residential	34.1	36.1	65	65
Rec_77	Residential	34.4	36.1	65	65
Rec_78	Residential	33.9	36	65	65
Rec_79	Residential	35.3	37.4	65	65
Rec_80	Residential	35.8	37.7	65	65
Rec_81	Residential	33.8	35.8	65	65
Rec_82	Residential	35.3	37	65	65
Rec_83	Residential	34.6	36.3	65	65
Rec_84	Residential	35.2	36.9	65	65
Rec_85	Residential	35.4	37.1	65	65
Rec_86	Residential	33.9	35.6	65	65
Rec_87	Residential	35.1	37	65	65
Rec_88	Residential	34.9	36.5	65	65
Rec_89	Residential	35	36.8	65	65
Rec_90	Residential	30.4	33.4	65	65
Rec_91	Residential	34.1	36	65	65
Rec_92	Residential	34.5	36.5	65	65
Rec_93	Residential	34.9	36.7	65	65
Rec_94	Residential	34.8	36.8	65	65
Rec_95	Residential	34.3	36.6	65	65
Rec_96	Residential	35.7	37.6	65	65
Rec_97	Residential	36.1	38.3	65	65
Rec_98	Residential	33.5	35.9	65	65
Rec_99	Residential	36.5	39.5	65	65
Rec_100	Residential	35.5	37.5	65	65
Rec_101	Residential	35.3	37.7	65	65
Rec_102	Residential	36	37.7	65	65

Table C-3. Scenario 3: Tournament Weekends

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_103	Residential	36	37.9	65	65
Rec_104	Residential	36	37.8	65	65
Rec_105	Residential	36.1	37.9	65	65
Rec_106	Residential	35.5	37.5	65	65
Rec_107	Residential	35.4	37.1	65	65
Rec_108	Residential	30.8	34	65	65
Rec_109	Residential	34.1	36.1	65	65
Rec_110	Residential	31.7	34.4	65	65
Rec_111	Residential	32.4	34.9	65	65
Rec_112	Residential	33.3	36.2	65	65
Rec_113	Residential	32.9	35.8	65	65
Rec_114	Residential	34.2	36.8	65	65
Rec_115	Residential	34.4	37.2	65	65
Rec_116	Residential	37	39.1	65	65
Rec_117	Residential	38.7	41.7	65	65
Rec_118	Residential	36.4	38.8	65	65
Rec_119	Residential	40	43.4	65	65
Rec_120	Residential	35.4	38.3	65	65
Rec_121	Residential	36.2	38.6	65	65
Rec_122	Residential	35.8	38	65	65
Rec_123	Residential	35.5	37.6	65	65
Rec_124	Residential	34.9	37.1	65	65
Rec_125	Residential	35.3	37.3	65	65
Rec_126	Residential	34.6	36.7	65	65
Rec_127	Residential	33.6	36	65	65
Rec_128	Residential	34.6	36.3	65	65
Rec_129	Residential	31.5	34.5	65	65
Rec_130	Residential	32.6	34.9	65	65
Rec_131	Residential	34.1	37.3	65	65
Rec_132	Residential	34	36.2	65	65
Rec_133	Residential	33.9	36.8	65	65
Rec_134	Residential	33.8	36.5	65	65
Rec_135	Residential	34.6	37.3	65	65

Table C-3. Scenario 3: Tournament Weekends

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_136	Residential	34.4	37.1	65	65
Rec_137	Residential	35	37.8	65	65
Rec_138	Residential	35	37.8	65	65
Rec_139	Residential	35.1	38	65	65
Rec_140	Residential	36.1	38.8	65	65
Rec_141	Residential	36.2	39.3	65	65
Rec_142	Residential	36.1	39	65	65
Rec_143	Residential	37.1	39.6	65	65
Rec_144	Residential	37.1	40.4	65	65
Rec_145	Residential	35.9	39.6	65	65
Rec_146	Residential	34.3	37.7	65	65
Rec_147	Residential	36	39	65	65
Rec_148	Residential	35.1	38	65	65
Rec_149	Residential	35.5	38.3	65	65
Rec_150	Residential	34.6	37.6	65	65
Rec_151	Residential	34.8	37.5	65	65
Rec_152	Residential	33.4	36.2	65	65
Rec_153	Residential	32.9	35.4	65	65
Rec_154	Residential	33.1	35.4	65	65
Rec_155	Residential	32.8	36.7	65	65
Rec_156	Residential	32.1	36.4	65	65
Rec_157	Residential	32.1	36.1	65	65
Rec_158	Residential	31.7	35.4	65	65
Rec_159	Residential	34.8	38.2	65	65
Rec_160	Residential	34.9	38.7	65	65
Rec_161	Residential	34.8	38	65	65
Rec_162	Residential	33.8	37.7	65	65
Rec_163	Residential	37.7	42.1	65	65
Rec_164	Residential	37.9	42.4	65	65
Rec_165	Residential	38.7	43.3	65	65
Rec_166	Residential	37.2	41	65	65
Rec_167	Residential	39.2	43.7	65	65
Rec_168	Residential	38.3	42.6	65	65

Table C-3. Scenario 3: Tournament Weekends

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_169	Residential	36.2	39.8	65	65
Rec_170	Residential	34.2	37.3	65	65
Rec_171	Residential	33.1	35.6	65	65
Rec_172	Residential	28.5	30.6	65	65
Rec_173	Residential	29.2	31.1	65	65
Rec_174	Residential	29.3	32.9	65	65
Rec_175	Residential	30.6	33.9	65	65
Rec_176	Residential	31.4	34.5	65	65
Rec_177	Residential	31.3	34.7	65	65
Rec_178	Residential	34	36.9	65	65
Rec_179	Residential	34.8	37.6	65	65
Rec_180	Residential	35.7	39.8	65	65
Rec_181	Residential	37.2	41.4	65	65
Rec_182	Residential	33.3	37.2	65	65
Rec_183	Residential	36.6	39.4	65	65
Rec_184	Residential	35.6	39.1	65	65
Rec_185	Residential	37	40.2	65	65
Rec_186	Residential	36.6	40	65	65
Rec_187	Residential	35.5	38	65	65
Rec_188	Residential	31.9	34.4	65	65
Rec_189	Residential	28.8	31.5	65	65
Rec_190	Residential	29.2	33.2	65	65
Rec_191	Residential	29.7	32.9	65	65
Rec_192	Residential	31.4	35.4	65	65
Rec_193	Residential	34.7	37.1	65	65
Rec_194	Residential	47.9	52.8	65	65
Rec_195	Residential	47	51.8	65	65
Rec_196	Residential	46.4	51.2	65	65
Rec_197	Residential	46	50.8	65	65
Rec_198	Residential	46.1	50.9	65	65
Rec_199	Residential	46.9	51.8	65	65
Rec_200	Residential	46.7	51.5	65	65
Rec_201	Residential	45.7	50.3	65	65

Table C-3. Scenario 3: Tournament Weekends

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_202	Residential	46.3	51	65	65
Rec_203	Residential	45.9	50.6	65	65
Rec_204	Residential	42.2	46.1	65	65
Rec_205	Residential	44.2	48.6	65	65
Rec_206	Residential	44.8	49.1	65	65
Rec_207	Residential	44.8	49.3	65	65
Rec_208	Residential	44.5	48.6	65	65
Rec_209	Residential	44.8	49.1	65	65
Rec_210	Residential	43	47.1	65	65
Rec_211	Residential	43.8	47.4	65	65
Rec_212	Residential	43.5	46.9	65	65
Rec_213	Residential	43.4	45.2	65	65
Rec_214	Residential	44.7	47.8	65	65
Rec_215	Residential	44.3	47.7	65	65
Rec_216	Residential	42.7	44.9	65	65
Rec_217	Residential	43.1	45.7	65	65
Rec_218	Residential	43.8	47.5	65	65
Rec_219	Residential	44.4	48.2	65	65
Rec_220	Residential	43	46.4	65	65
Rec_221	Residential	45.4	47.8	65	65
Rec_222	Residential	45.1	47	65	65
Rec_223	Residential	44.7	46.7	65	65
Rec_224	Residential	44.5	46.9	65	65
Rec_225	Residential	44.1	46	65	65
Rec_226	Residential	33.6	36.5	65	65
Rec_227	Residential	42.5	44	65	65
Rec_228	Residential	42.8	44.3	65	65
Rec_229	Residential	42.5	43.7	65	65
Rec_230	Residential	43.3	44.6	65	65
Rec_231	Residential	45.2	46.4	65	65
Rec_232	Residential	46.3	47.6	65	65
Rec_233	Residential	43.7	45.1	65	65
Rec_234	Residential	42.6	43.8	65	65

Table C-3. Scenario 3: Tournament Weekends

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_235	Residential	41.9	43.2	65	65
Rec_236	Residential	42.7	44.1	65	65
Rec_237	Residential	44.4	45.6	65	65
Rec_238	Residential	44.5	45.8	65	65
Rec_239	Residential	46.5	47.8	65	65
Rec_240	Residential	44.4	45.7	65	65
Rec_241	Residential	48.3	49.7	65	65
Rec_242	Residential	53.4	54.6	65	65
Rec_243	Residential	52.1	53.3	65	65
Rec_244	Residential	53.5	54.7	65	65
Rec_245	Residential	48.5	49.8	65	65
Rec_246	Residential	46	47.1	65	65
Rec_247	Residential	45	46.1	65	65
Rec_248	Residential	42.9	44.6	65	65
Rec_249	Residential	44.3	46	65	65
Rec_250	Residential	43.3	45	65	65
Rec_251	Residential	42.1	43.5	65	65
Rec_252	Residential	38.9	40.1	65	65
Rec_253	Residential	39.3	40.5	65	65
Rec_254	Residential	43.7	44.9	65	65
Rec_255	Residential	44	45.5	65	65
Rec_256	Residential	43.5	44.8	65	65
Rec_257	Residential	44.2	45.6	65	65
Rec_258	Residential	47.5	48.6	65	65
Rec_259	Residential	44.5	45.9	65	65
Rec_260	Residential	42.5	43.9	65	65
Rec_261	Residential	41.4	42.7	65	65
Rec_262	Residential	43	44.2	65	65
Rec_263	Residential	44.7	46.1	65	65
Rec_264	Residential	43.1	44.5	65	65
Rec_265	Residential	40.3	41.7	65	65
Rec_266	Residential	41	42.7	65	65
Rec_267	Residential	38.4	39.6	65	65

Table C-3. Scenario 3: Tournament Weekends

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_268	Residential	36.1	37	65	65
Rec_269	Residential	41.9	43	65	65
Rec_270	Residential	34.3	35.3	65	65
Rec_271	Residential	43.1	44.3	65	65
Rec_272	Residential	43.5	44.7	65	65
Rec_273	Residential	40.2	41.7	65	65
Rec_274	Residential	42.7	43.8	65	65
Rec_275	Residential	42.5	44.3	65	65
Rec_276	Residential	42.1	43.3	65	65
Rec_277	Residential	41.4	42.5	65	65
Rec_278	Residential	39.4	41	65	65
Rec_279	Residential	38	39.1	65	65
Rec_280	Residential	46.3	47.7	65	65
Rec_281	Residential	40.3	41.5	65	65
Rec_282	Residential	40.3	41.5	65	65
Rec_283	Residential	41.2	42.8	65	65
Rec_284	Residential	41.9	43.1	65	65
Rec_285	Residential	40.1	41.3	65	65
Rec_286	Residential	36.8	37.9	65	65
Rec_287	Residential	41	42.3	65	65
Rec_288	Residential	37.9	39.1	65	65
Rec_289	Residential	46.2	47.6	65	65
Rec_290	Residential	49.4	50.7	65	65
Rec_291	Residential	49.7	51	65	65
Rec_292	Residential	47.4	48.7	65	65
Rec_293	Residential	48.5	49.8	65	65
Rec_294	Residential	47.8	49.1	65	65
Rec_295	Residential	47.3	48.7	65	65
Rec_296	Residential	46.9	48.2	65	65
Rec_297	Residential	46.7	48	65	65
Rec_298	Residential	45.7	47.1	65	65
Rec_299	Residential	45.9	47.3	65	65
Rec_300	Residential	45.6	47	65	65

Table C-3. Scenario 3: Tournament Weekends

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_301	Residential	45.7	47	65	65
Rec_302	Residential	44.2	45.6	65	65
Rec_303	Residential	44.7	46.1	65	65
Rec_304	Residential	41.1	42.3	65	65
Rec_305	Residential	38.5	39.8	65	65
Rec_306	Residential	40.4	41.7	65	65
Rec_307	Residential	41.3	42.9	65	65
Rec_308	Residential	40.8	42	65	65
Rec_309	Residential	41.2	42.5	65	65
Rec_310	Residential	41.8	43.1	65	65
Rec_311	Residential	38.8	40	65	65
Rec_312	Residential	39.6	40.9	65	65
Rec_313	Residential	38.4	39.7	65	65
Rec_314	Residential	35.7	37	65	65
Rec_315	Residential	35.3	36.6	65	65
Rec_316	Residential	39.9	41.3	65	65
Rec_317	Residential	38.6	39.9	65	65
Rec_318	Residential	37.2	38.4	65	65
Rec_319	Residential	39.5	41.1	65	65
Rec_320	Residential	35	36.3	65	65
Rec_321	Residential	37.6	38.9	65	65
Rec_322	Residential	40.6	42.1	65	65
Rec_323	Residential	37	38.2	65	65
Rec_324	Residential	34.2	35.4	65	65
Rec_325	Residential	41.2	42.6	65	65
Rec_326	Residential	40.1	41.4	65	65
Rec_327	Residential	41.1	42.5	65	65
Rec_328	Residential	47.3	48.6	65	65
Rec_329	Residential	48.7	50	65	65
Rec_330	Residential	47	48.4	65	65
Rec_331	Residential	46.8	48.2	65	65
Rec_332	Residential	46.7	48	65	65
Rec_333	Residential	45.9	47.1	65	65

Table C-3. Scenario 3: Tournament Weekends

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_334	Residential	40.6	41.8	65	65
Rec_335	Residential	39.6	40.9	65	65
Rec_336	Residential	40.7	41.9	65	65
Rec_337	Residential	39.6	40.9	65	65
Rec_338	Residential	41.7	42.9	65	65
Rec_339	Residential	40.2	41.5	65	65
Rec_340	Residential	41.1	42.5	65	65
Rec_341	Residential	42.6	44	65	65
Rec_342	Residential	41.3	42.5	65	65
Rec_343	Residential	40.6	41.9	65	65
Rec_344	Residential	40.5	41.7	65	65
Rec_345	Residential	39.7	41	65	65
Rec_346	Residential	34	35.3	65	65
Rec_347	Residential	33.9	35.2	65	65
Rec_348	Residential	38.9	40.2	65	65
Rec_349	Residential	38.8	40	65	65
Rec_350	Residential	37.7	39	65	65
Rec_351	Residential	39.9	41.3	65	65
Rec_352	Residential	37.5	38.8	65	65
Rec_353	Residential	43.4	44.6	65	65
Rec_354	Residential	42.8	44.1	65	65
Rec_355	Residential	40	41.3	65	65
Rec_356	Residential	40.4	41.6	65	65
Rec_357	Residential	46.1	47.4	65	65
Rec_358	Residential	44.8	46.2	65	65
Rec_359	Residential	40.7	42.1	65	65
Rec_360	Residential	41.2	42.5	65	65
Rec_361	Residential	41.8	43.4	65	65
Rec_362	Residential	42.5	43.9	65	65
Rec_363	Residential	42	43.3	65	65
Rec_364	Residential	42.9	44.3	65	65
Rec_365	Residential	41	42.3	65	65
Rec_366	Residential	40.6	41.8	65	65

Table C-3. Scenario 3: Tournament Weekends

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_367	Residential	40.5	41.7	65	65
Rec_368	Residential	42	43.5	65	65
Rec_369	Residential	37.8	39.1	65	65
Rec_370	Residential	42.5	43.9	65	65
Rec_371	Residential	39.3	40.8	65	65
Rec_372	Residential	40.6	42.2	65	65
Rec_373	Residential	39.9	41.2	65	65
Rec_374	Residential	40.6	41.9	65	65
Rec_375	Residential	36.5	38	65	65
Rec_376	Residential	42.5	43.8	65	65
Rec_377	Residential	38.6	39.8	65	65
Rec_378	Residential	39.6	40.9	65	65
Rec_379	Residential	39.4	40.7	65	65
Rec_380	Residential	41.7	42.9	65	65
Rec_381	Residential	45.7	47.1	65	65
Rec_382	Residential	45.5	46.8	65	65
Rec_383	Residential	41.3	42.4	65	65
Rec_384	Residential	36	37.2	65	65
Rec_385	Residential	44.1	45.4	65	65
Rec_386	Residential	44.2	45.5	65	65
Rec_387	Residential	43.6	45	65	65
Rec_388	Residential	44	45.3	65	65
Rec_389	Residential	35.3	36.6	65	65
Rec_390	Residential	37.9	39.2	65	65
Rec_391	Residential	38.2	39.5	65	65
Rec_392	Residential	35.8	37.1	65	65
Rec_393	Residential	39.5	40.7	65	65
Rec_394	Residential	39.5	40.7	65	65
Rec_395	Residential	39.6	41	65	65
Rec_396	Residential	37.8	39.1	65	65
Rec_397	Residential	36.7	37.9	65	65
Rec_398	Residential	38.6	40	65	65
Rec_399	Residential	41.8	43.3	65	65

Table C-3. Scenario 3: Tournament Weekends

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_400	Residential	40.5	41.9	65	65
Rec_401	Residential	36.5	37.7	65	65
Rec_402	Residential	41.9	42.8	65	65
Rec_403	Residential	41.5	42.4	65	65
Rec_404	Residential	41.7	42.7	65	65
Rec_405	Residential	41	42	65	65
Rec_406	Residential	42.3	43.6	65	65
Rec_407	Residential	42.9	44.5	65	65
Rec_408	Residential	41.8	43.4	65	65
Rec_409	Residential	40.5	41.9	65	65
Rec_410	Residential	41.3	42.8	65	65
Rec_411	Residential	41.3	43.1	65	65
Rec_412	Residential	39.1	41.4	65	65
Rec_413	Residential	39.7	41	65	65
Rec_414	Residential	28.9	31.1	65	65
Rec_415	Residential	30.3	33.9	65	65
Rec_416	Residential	25.9	28.1	65	65
Rec_417a	Residential	35.9	38.7	65	65
Rec_417b	Recreational	29	30.4	65	65
Rec_418	Residential	31	34.9	65	65
Rec_419	Residential	33.2	36.8	65	65
Rec_420	Daycare	52.8	54	65	65
Rec_421	Daycare	52.2	53.5	65	65
Rec_422	Recreational	43.1	44.3	65	65
Rec_423	Residential	34.9	36.2	65	65
Rec_424	Residential	45.4	46.8	65	65
Rec_425	Residential	44.9	46.4	65	65
Rec_426b	Recreational	49.2	50.4	65	65
Rec_426a	Recreational	39.8	41	65	65
Rec_427	Multi-Family Residential	34.3	35.5	65	65
Rec_428	Multi-Family Residential	43	44.4	65	65
Rec_429	Multi-Family Residential	43.6	44.9	65	65
Rec_430	Multi-Family Residential	41.7	43.1	65	65

Table C-3. Scenario 3: Tournament Weekends

Receptor ID	Land Use	CNEL (dBA)	Leq,1hr (dBA)	State of CA Exterior Noise Standards (dBA)	Ontario Municipal Code Exterior Noise Standards (dBA)
Rec_431	Multi-Family Residential	41.9	43.3	65	65
Rec_432	Multi-Family Residential	40.6	42	65	65
Rec_433	Multi-Family Residential	40.3	41.8	65	65
Rec_434	Multi-Family Residential	40.2	41.6	65	65
Rec_435	Multi-Family Residential	40.3	41.8	65	65
Rec_436	Multi-Family Residential	39.1	39.9	65	65
Rec_437	Multi-Family Residential	39.3	40.2	65	65
Rec_438	Multi-Family Residential	39	39.9	65	65
Rec_439	Multi-Family Residential	39.2	40.1	65	65
Rec_440	Multi-Family Residential	34.4	35.6	65	65
Rec_441	Multi-Family Residential	35.6	36.7	65	65
Rec_442	Multi-Family Residential	30.4	31.6	65	65
Rec_443	Multi-Family Residential	31.4	32.6	65	65
Rec_444	Multi-Family Residential	30.8	32	65	65
Rec_445	Multi-Family Residential	38.5	39.7	65	65
Rec_446	Multi-Family Residential	36.9	38.2	65	65
Rec_447	Multi-Family Residential	36.4	37.5	65	65
Rec_448	Multi-Family Residential	35.3	36.5	65	65