OPERATIONAL NOISE STUDY

BACCARA PROJECT

Olive Avenue and Bullard Avenue
Maricopa County, Arizona

PREPARED BY:

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A. EXECUTIVE SUMMARY

This noise analysis evaluates the potential long-term operational noise impacts associated with the proposed Baccara Project in Maricopa County, Arizona. The Project includes the installation and operation of 18 combustion turbine (CT) generator units, four black start emergency engines, chillers, and a future on-site electrical substation. These sources represent primary stationary operational noise contributors.

Stationary power generation facilities from enforcement, routine utility operations, including CT and emergency generator use, are generally interpreted as functionally exempt when operating within normal parameters and any applicable permit conditions.

To assess significance this analysis conservatively considers long-term noise impacts to be potentially significant if operational activities would increase ambient noise levels by 3 dBA or more at nearby sensitive receptors.

Long-term (24-hour) ambient noise measurements were conducted at representative locations near the site, including areas south along N. 143rd Avenue and residential neighborhoods north of W. Peoria Avenue. Modeled operational noise levels from all proposed on-site equipment were compared to these measured ambient conditions.

As discussed in this noise analysis, noise levels generated by the Project during daytime (7:00 AM to 7:00 PM), evening (7:00 PM to 10:00 PM), and nighttime (10:00 PM to 7:00 AM) periods would not exceed ambient levels by 3 dBA or more at nearby sensitive receptor locations throughout all time periods. Therefore, the Project's operational noise impacts would not be considered significant.

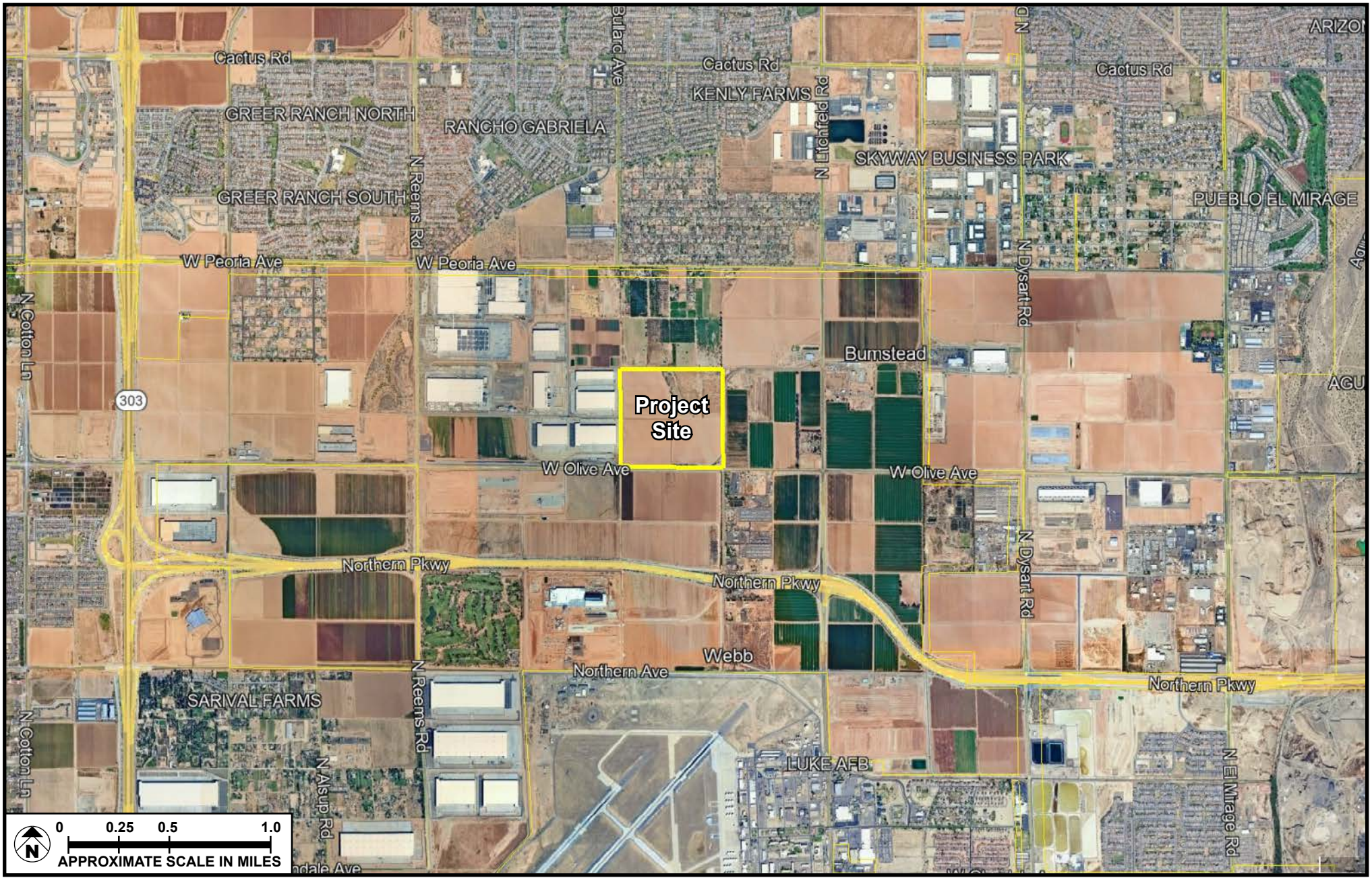
B. PROJECT DESCRIPTION

The Applicant proposes to develop a 160-acre site in Maricopa County, Arizona (refer to **Figure 1: Project Site Location**), to accommodate a phased installation of a simple-cycle natural gas-fired power generation facility (refer to **Figure 2: Proposed Site Diagram**). The facility will include two turbine yards (north and south), each containing nine (9) Siemens SGT-750 combustion turbine (CT) generator units, totaling 18 CT units. Each turbine yard will also include two (2) 1,500-kW (2,114 bhp) Caterpillar 3512C diesel-fired black start emergency engines, certified to meet EPA Tier 2 standards. In total, the facility will include four (4) such engines. An on-site electrical substation (not owned by the Applicant) is planned north of the turbine array to allow for future interconnection to the regional utility grid.

Construction and installation of the CT units will occur in phases over a 42-month period, beginning late 2027 with initial operations anticipated in January 2028. During the initial operational phase, which is expected to last approximately three years, select CT units will operate continuously to provide primary power to nearby commercial users, including local data centers, in the absence of a completed grid interconnection. Once the on-site electrical substation and transmission connection are operational, the facility will transition to its long-term operating role as a peaker plant relative to the utility grid and a backup power source for the data centers.

The CT units are capable of operating up to 24 hours per day, 7 days per week, and up to 8,760 hours annually per unit. However, under normal long-term operating conditions, the facility will be limited to a cumulative total of 46,170 turbine hours per year at 100 percent load.

The black start engines are designated for emergency startup operations when grid power is unavailable. Each engine is permitted to operate up to 50 hours per year for testing, maintenance, and emergency conditions, with each unit supplied by an adjacent 2,500-gallon horizontal diesel belly tank.



SOURCE: Google Earth – 2025

FIGURE **1**

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Project Site Location

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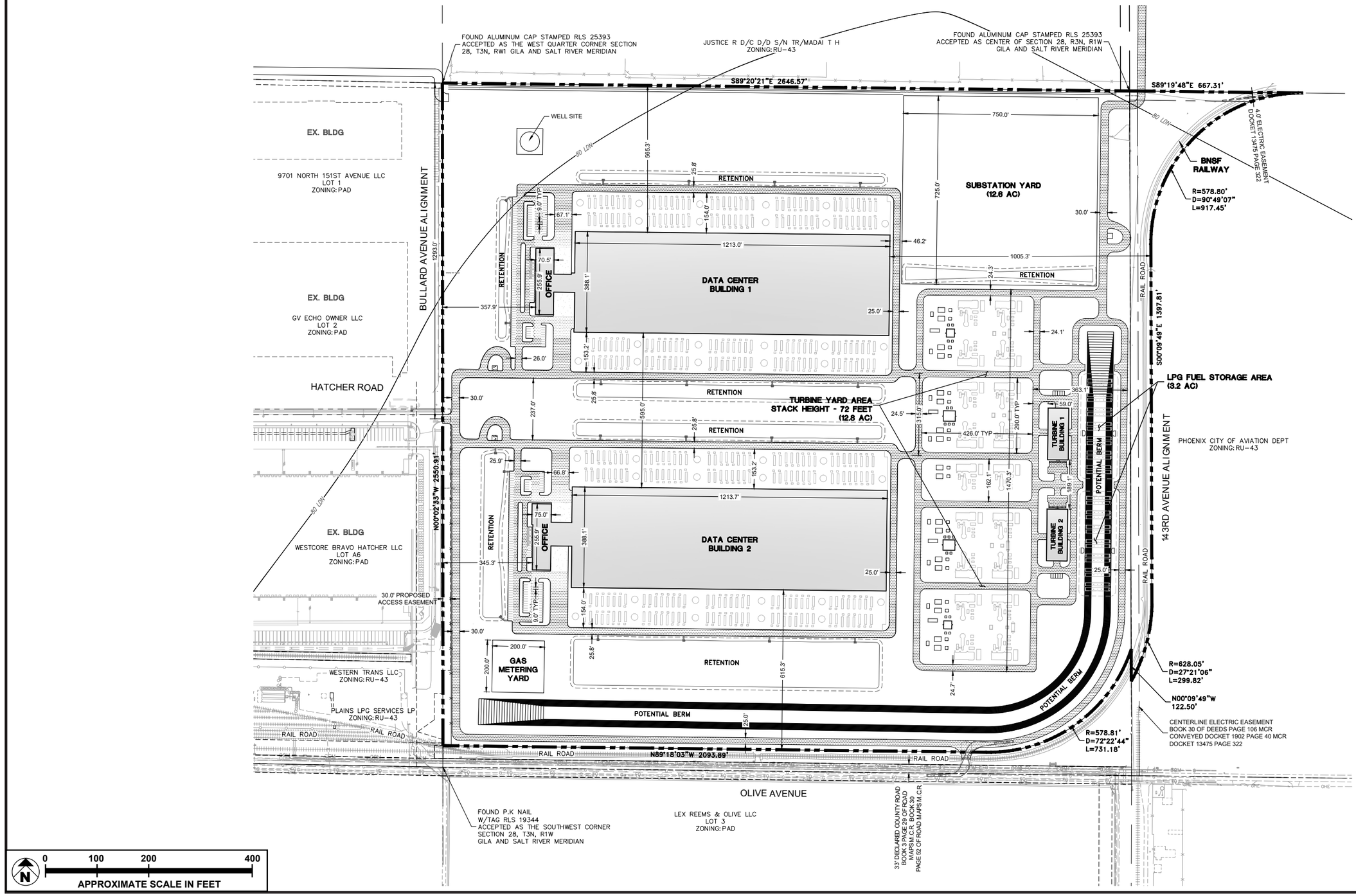

SOURCE: Colliers Engineering & Design - July 2025

FIGURE **2**

Proposed Site Diagram

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C. EXISTING CONDITIONS

To establish the existing noise environment in the Project area, long-term (24-hour) ambient noise measurements were conducted at three (3) locations (refer to **Figure 3: Noise Monitoring Locations**) between August 12 – August 13, 2025, which includes the Project site and nearby sensitive receptors. These measurements were intended to capture a full day-night cycle and reflect potential variations in noise levels due to land uses in the surrounding area.

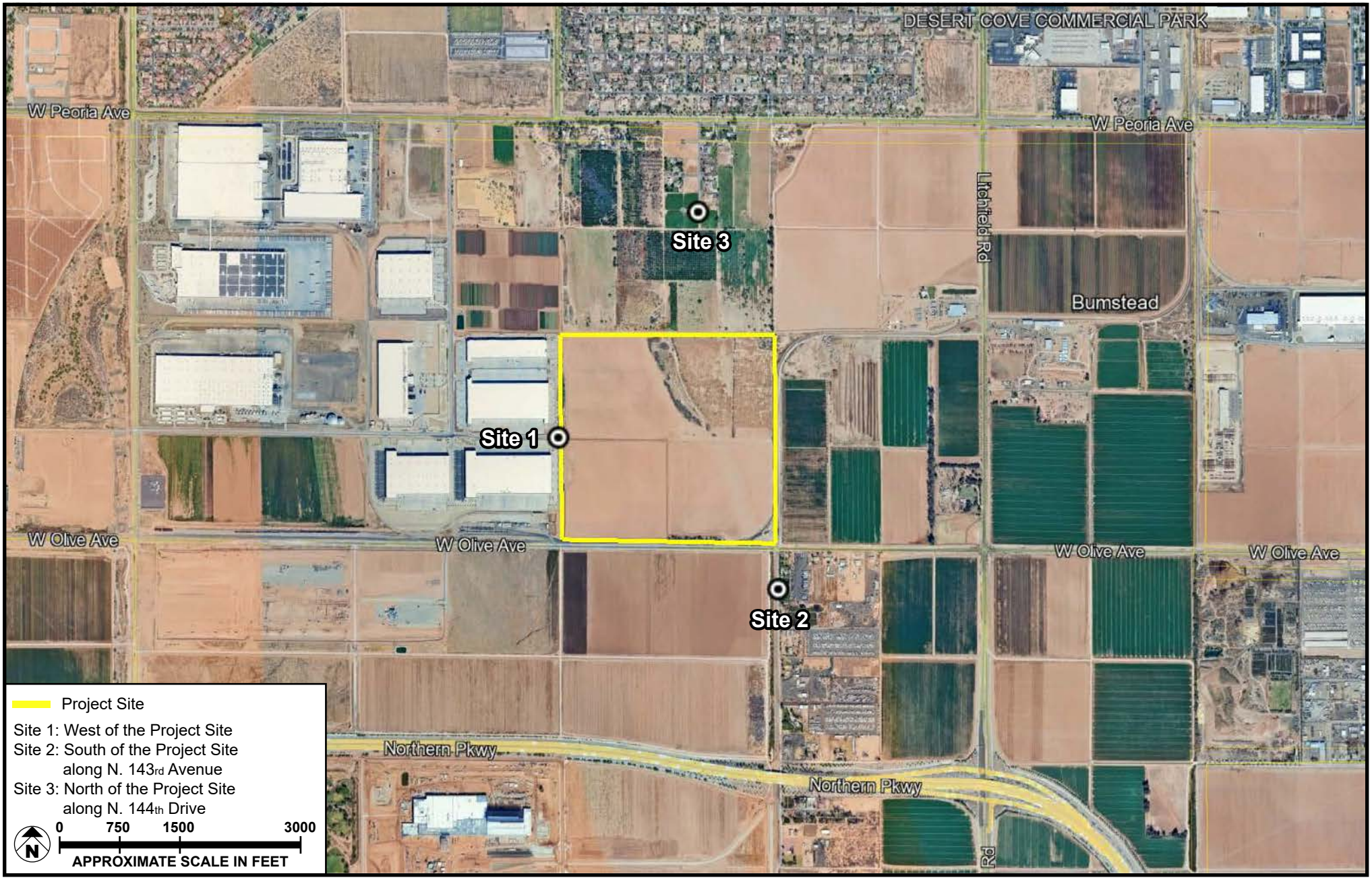
All three monitoring locations are situated within the general vicinity of Luke Air Force Base, a major operational military installation. As such, intermittent overflights and associated military aircraft activity may influence ambient noise levels, particularly during daytime and early evening hours. While aircraft-related noise events are typically short in duration, they can contribute noticeable fluctuations in measured sound levels.

Noise levels were recorded using calibrated, industry-standard sound level meters capable of logging sound continuously over a 24-hour period. Results were processed to calculate average noise levels during the daytime period (7:00 AM to 7:00 PM), evening period (7:00 PM to 10:00 PM) and the nighttime period (10:00 PM to 7:00 AM). In addition, the Community Noise Equivalent Level (CNEL) was calculated for each location, providing a single-number descriptor of the overall 24-hour noise exposure, with evening and nighttime penalties applied to reflect increased sensitivity during those hours.

Table 1: Ambient Noise Measurements provides the measured average ambient noise levels by time period and 24-hour CNEL. Aircraft overflights, although intermittent, were included in the calculated averages in **Table 1** to reflect typical ambient conditions experienced at each monitoring location. These events represent a recurring element of the local noise environment given the site's proximity to Luke Air Force Base, and their inclusion ensures a conservative and representative baseline for comparison. **Table 1** also includes a footnote identifying the lowest recorded hourly average noise level, which reflect periods when no overflight activity was observed.

TABLE 1: AMBIENT NOISE MEASUREMENTS				
Location	Period	Average	Minimum	Maximum
		dBA		
Site 1: West of the Project Site	Daytime	70.8	61.7	75.5
	Evening	64.2	49.1	68.9
	Nighttime	49.7	44.9	54.7
	24-hour CNEL	68.8	--	--
Site 2: South of the Project site along N. 143rd Avenue	Daytime	69.3	62.4	72.5
	Evening	60.2	51.9	64.5
	Nighttime	60.7	48.3	66.1
	24-hour CNEL	69.6	--	--
Site 3: North of the Project site along N. 144th Drive	Daytime	73.3	59.4	76.1
	Evening	65.8	46.7	70.5
	Nighttime	51.2	43.5	55.4
	24-hour CNEL	71.1	--	--

Notes: dBA = A-weighted decibels.
Source: Refer to **Appendix 1.0: Noise Monitoring Data Sheets**.



SOURCE: Google Earth – 2025

FIGURE **3**

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Noise Monitoring Locations

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D. APPLICABLE REGULATIONS

Operational noise from the proposed Baccara Project is subject to local jurisdictional requirements established by Maricopa County. In unincorporated areas, including the Project site, noise control is governed by Maricopa County Ordinance P-23. This ordinance establishes general noise prohibitions while outlining specific exemptions relevant to industrial and utility-scale operations. Ordinance P-23 prohibits the generation of sound that is "excessive, unnecessary, disruptive, or annoying" to a reasonable person of normal sensitivity.

Maricopa County regulates noise under Noise Ordinance P-23 and is designed to prevent excessive, unnecessary, disruptive, or annoying noises from all sources. The ordinance identifies several exempt noise sources, which include but are not limited to:

- Emergency response vehicles and activities.
- Aircraft operations.
- Noise from schools, daycare facilities, and public assemblies.
- Sounds made in performance of emergency work to restore public utilities.

Routine industrial utility operations including combustion turbine and black start engine use, are interpreted as functionally exempt from enforcement, provided they occur within operational norms and permit conditions.

The following project-related noise sources are expected to fall within the practical scope of ordinance exemptions:

- Operation of combustion turbine (CT) units during normal peaking or base load conditions.
- Routine testing and maintenance of EPA Tier 2 black start diesel generators (≤50 hours/year per engine).

However, the ordinance does not establish numeric decibel limits nor does it define standard measurement criteria for stationary source compliance. In the absence of such numeric criteria, this study applies a conservative, perception-based threshold commonly recognized in impact analysis.

Specifically, an operational noise increase of 3 dBA above existing ambient sound levels at the nearest noise-sensitive receptors is used to define a potentially perceptible and adverse change in the environment. This threshold reflects the minimum change in sound level generally discernible to the human ear and is widely applied in jurisdictions lacking formal criteria. Use of the 3 dBA threshold ensures a protective, health-based approach to evaluating noise from new sources. Where modeled project-related noise is shown to increase existing noise level averages by 3 dBA or more, the impact is conservatively considered potentially significant for the purpose of this technical analysis, warranting further mitigation consideration.

E. METHODOLOGY

Ambient Noise Measurements

Noise-level monitoring was conducted between August 12 – August 13, 2025 at three (3) locations within the Project area vicinity, as shown in **Figure 3**. Noise-level monitoring was conducted for 15-minute intervals at each location using a Larson Davis Model 831 sound-level meter. This meter satisfies the American National Standards Institute (ANSI) standard for general environmental noise measurement instrumentation. The ANSI specifies several types of sound-level meters according to their precision. Types 1, 2, and 3 are referred to as "precision," "general-purpose," and "survey" meters, respectively. Most measurements carefully taken with a Type 1 sound-level meter will have a margin of error not exceeding 1 dB.

The Larson Davis Model 831 is a Type 1 precision sound-level meter. This meter meets all requirements of ANSI S1.4-1983 and ANSI1.43-1997 Type 1 standards, as well as International Electrotechnical Commission (IEC) IEC61672-1 Ed. 1.0, IEC60651 Ed 1.2, and IEC60804 Type 1, Group X standards. The sound-level meter was located approximately 5 feet above ground and was covered with a Larson Davis windscreen. The sound-level meter was field calibrated with an external calibrator prior to operation.

Operational Noise

Operational noise levels related to the CT engines, emergency generator, chillers and substation were calculated with the noise model SoundPLAN, a commercially available software that produces computer simulations of noise propagation from sources. The SoundPLAN modeling software accounts for large differences in topography, and the presence of intervening structures or landscaping that would block a direct line of sight between operation activities from the proposed Project Site and nearby sensitive receptors. The operational noise levels were calculated for sensitive-receptor locations using SoundPLAN. To quantify events related to the noise sources generated by the proposed project, the following assumptions were used.

- **Combustion Turbine (CT) Engines**: Engines were modeled as individual area sources, representing the operational noise output of each unit during full-load conditions. These engines are used to generate power during normal operations and are one of the dominant sources of mechanical and exhaust noise on-site. For modeling purposes:
    - A sound power level (LwA) of 85 dBA (Lw/unit) was assumed based on manufacturer specifications.
    - Each turbine was assumed to operate under 100 percent load conditions, with continuous operation over a 24-hour period to reflect conservative, worst-case noise exposure. Although operational profiles may vary based on demand, this approach ensures that modeled levels capture peak potential impacts.
- **Emergency Diesel Generator**: Modeled as area sources, the emergency diesel generators are intended to provide black start capability in the event of a power grid failure. These units are not used for routine power generation and are assumed to operate only during power grid outages or limited periods of scheduled testing. A conservative operational scenario was applied to assess potential worst-case noise conditions.
    - A sound power level (LwA) of 116.9 dBA (Lw/unit) was assumed, based on manufacturer specifications.
    - Operation was modeled at full-load conditions, with the assumption that each unit could operate intermittently within each hour over a 24-hour period, even though actual use would be limited to infrequent grid outages or short-duration maintenance testing.
- **Chillers**: Modeled as area sources, representing grouped HVAC equipment associated with the proposed data center. These units are typically used to regulate temperature for equipment and/or building systems. Operational noise from chillers includes broadband mechanical noise from compressors, motor-driven fans, and pumps, as well as tonal noise from the vibration of structural components. For modeling purposes:
    - A sound power level (LwA) of 97.3 dBA (Lw/unit) was assumed, based on manufacturer specifications for air-cooled industrial chillers.

  - Chillers were assumed to operate during peak daytime and evening hours. For conservative modeling, operation was assumed to be continuous at 100 percent load.

- **Substation Equipment**. Modeled as area sources, representing major electrical components expected to be included in the final design. These components include transformers, switchgear, and cooling systems, which typically operate continuously and generate steady-state mechanical and electrical noise. For modeling purposes:
  - A sound power level (LwA) of 95 dBA (Lw/unit) was assumed, based on industry-standard data for medium- to large-scale power transformers under full load conditions.
  - As no finalized substation layout is currently available, assumptions regarding equipment type, location, and orientation were based on standard substation configurations and conservative design parameters.
  - All substation components were assumed to operate continuously over a 24-hour period, reflecting typical load demand and power transmission functions.
  - Potential shielding provided by substation walls, berms, or equipment enclosures was not assumed in the base model but may be incorporated into alternative scenarios when detailed design information becomes available.

F. IMPACT ANALYSIS

The Maricopa County Ordinance P-23 is typically applied to stationary power generation facilities as an exempt category, routine industrial utility operations, including combustion turbine and black start engine use, are interpreted as functionally exempt from enforcement, provided they occur within operational norms and permit conditions.

Long-term noise impacts include Project-generated on-site operational noise sources. On-site (stationary) noise sources would include operation of mechanical equipment such as the 18 CT generator units, the four (4) black start emergency engines, chillers and the future on-site electrical substation.

For purposes of this analysis, long-term operational noise impacts would be considered significant if the proposed Project would result in an increase by 3 dBA or more above the lowest measured hourly average ambient noise levels at nearby sensitive receptors, which reflect periods when no overflight activity is observed.

Modeled Noise Levels

Scattered rural residential land uses are generally located south of the Project site along N. 143rd Avenue with residential neighborhoods located to the north along W. Peoria Avenue (refer to **Figure 3**). Source contributed noise levels throughout the daytime, evening and nighttime periods from operation of the proposed project are shown in **Table 2: Modeled Exterior Noise Levels from Operational Sources**. For illustrative purposes, noise levels generated from the site are shown graphically in **Figure 4: Operational Noise Level Contour Map.**

Table 2 compares the modeled exterior noise levels from the Project-related noise sources that operate on a daily basis to the ambient noise measurements (refer to **Table 1**). These modeled levels reflect full-load operation during daytime, evening, and nighttime periods. As shown, exterior noise levels at nearby sensitive receptors would not result in an increase of 3 dBA above ambient during any time period.

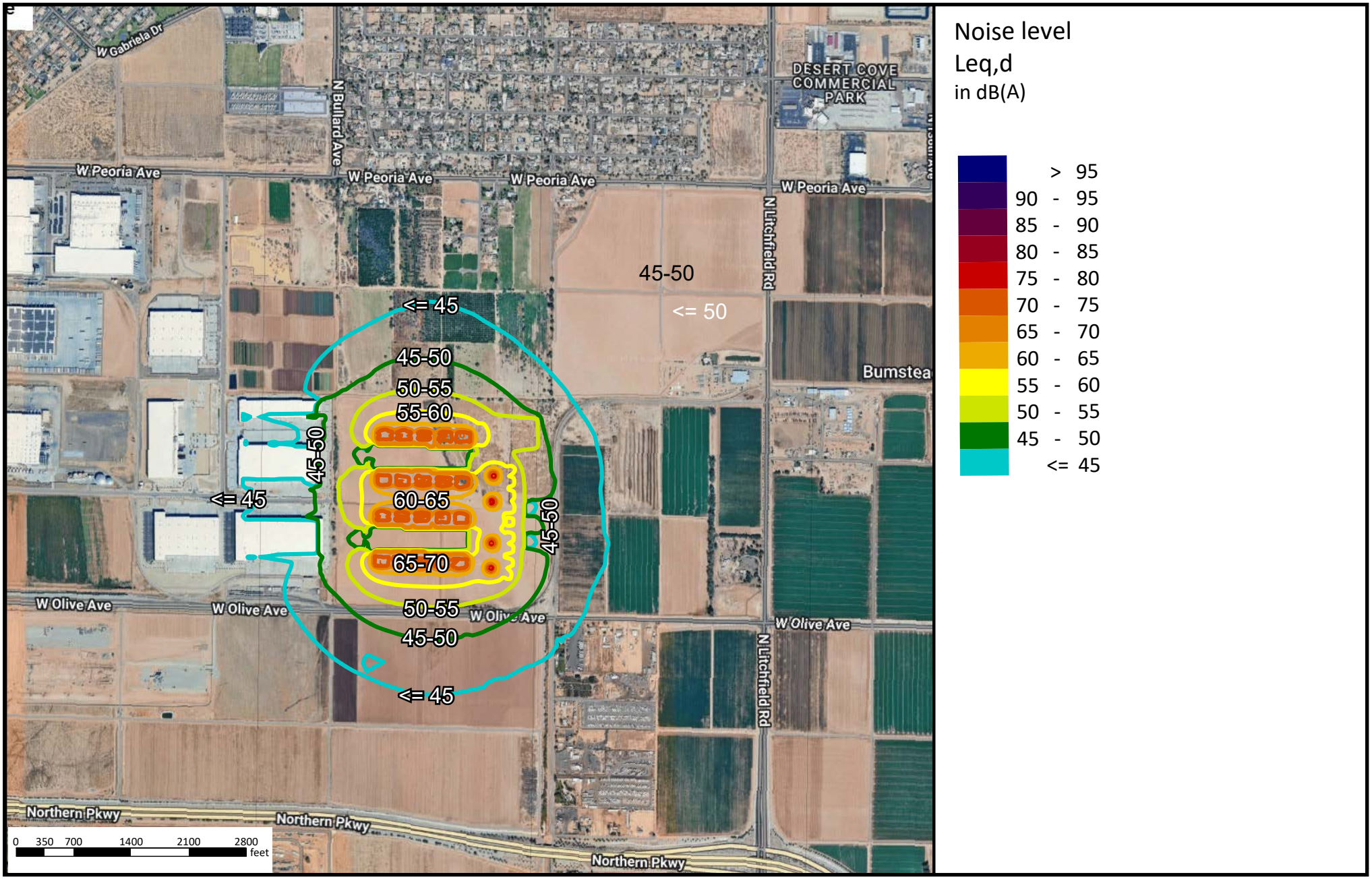
It is important to note, ambient levels provided in **Table 2** are based on the lowest recorded hourly average noise levels measured over the 24-hour monitoring period. By using the lowest ambient levels as the baseline for comparison, the analysis applies a conservative threshold for identifying potential noise impacts. This approach ensures that even minor increases above the quietest observed conditions are captured in the evaluation.

As modeled Project-related noise would remain below this 3 dBA increase threshold at the nearest receptor locations, operational noise impacts would not be considered significant.

TABLE 2: MODELED EXTERIOR NOISE LEVELS FROM OPERATIONAL SOURCES

Monitoring Site	Time Period	Modeled Noise Levels (A)	Ambient Noise Levels[1] (B)	Modeled plus Ambient (C) (A+B)	Potential Noise Increase Above Ambient (C-B)	Exceeds Threshold?
		dBA				
Scattered residential south of the Project site along N. 143rd Avenue	Daytime	45.9	62.4	62.5	+0.1	**No**
	Evening	45.9	51.9	52.9	+1.0	**No**
	Nighttime	45.9	48.3	50.3	+2.0	**No**
Scattered residential north of the Project site along N. 144th Drive	Daytime	41.2	59.4	59.5	+0.1	**No**
	Evening	41.2	46.7	47.8	+1.1	**No**
	Nighttime	41.2	43.5	45.5	+2.0	**No**

Note: [1] Conservatively compared to the lowest measured hourly average ambient noise level.
Source; Refer to **Appendix 2.0** for SoundPLAN Output Sheets.



SOURCE: Google Earth – 2025

FIGURE **4**

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Operational Noise Level Contour Map

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G. CERTIFICATION

The contents of this noise study represent an accurate depiction of the noise environment and impacts associated with the proposed Baccara Project. The information contained in this noise study is based on the best available information at the time of preparation. If you have any questions, please contact me directly at (818) 415-7274.

Sincerely,

Christ Kirikian, INCE
Partner | Director of Air Quality & Acoustics
ckirikian@meridianconsultantsllc.com

APPENDIX 1.0

Noise Monitoring Data Spreadsheets

Monitoring Location: NM1
Date: August 12 - August 13, 2025

	Monitoring Period		Monitored Leq	Logarithmic Equivalent	Evening/Night Adjustments 10 dB	5 dB
Midnight		0 / 24	44.9	30903	309030	97724
am	1:00	100	45.8	38019	380189	120226
	2:00	200	44.9	30903	309030	97724
	3:00	300	46.0	39811	398107	125893
	4:00	400	47.8	60256	602560	190546
	5:00	500	50.3	107152	1071519	338844
	6:00	600	54.7	295121	2951209	933254
	7:00	700	61.7	1479108	14791084	4677351
	8:00	800	69.7	9332543	93325430	29512092
	9:00	900	70.4	10964782	109647820	34673685
	10:00	1000	71.5	14125375	141253754	44668359
	11:00	1100	74.0	25118864	251188643	79432823
	12:00	1200	72.9	19498446	194984460	61659500
pm	1:00	1300	66.9	4897788	48977882	15488166
	2:00	1400	70.2	10471285	104712855	33113112
	3:00	1500	75.5	35481339	354813389	112201845
	4:00	1600	67.5	5623413	56234133	17782794
	5:00	1700	67.9	6165950	61659500	19498446
	6:00	1800	67.0	5011872	50118723	15848932
	7:00	1900	68.9	7762471	77624712	24547089
	8:00	2000	49.1	81283	812831	257040
	9:00	2100	50.2	104713	1047129	331131
	10:00	2200	52.7	186209	1862087	588844
pm	11:00	2300	47.4	54954	549541	173780

Leq Morning Peak Hour 7:00-10:00 a.m.
69 dBA

Leq Evening Peak Hour 7:00-10:00 p.m.
64.2 dBA

Leq Nighttime 10:00 pm-7:00 a.m. (not adjusted)
49.7 dBA

Leq Daytime 7:00 am-7:00 p.m.
70.8 dBA

Leq 8-Hour
67.3 dBA

Ldn: 10 dB adjustment between 10:00 p.m. & 7:00 a.m.
68.4 dBA

CNEL: 5 dB adjustment between 7:00p.m. & 10:00 p.m., & 10 dB
68.8 dBA **adjustment between 10:00 p.m. & 7:00 a.m.**

Difference between CNEL and Ldn
CNEL - Ldn 0.43144347

Monitoring Location: NM2
Date: August 12 - August 13, 2025

	Monitoring Period		Monitored Leq	Logarithmic Equivalent	Evening/Night Adjustments 10 dB	5 dB
Midnight		0 / 24	59.4	870964	8709636	2754229
am	1:00	100	48.3	67608	676083	213796
	2:00	200	48.3	67608	676083	213796
	3:00	300	59.2	831764	8317638	2630268
	4:00	400	63.0	1995262	19952623	6309573
	5:00	500	62.3	1698244	16982437	5370318
	6:00	600	56.0	398107	3981072	1258925
	7:00	700	63.9	2454709	24547089	7762471
	8:00	800	67.0	5011872	50118723	15848932
	9:00	900	69.5	8912509	89125094	28183829
	10:00	1000	67.4	5495409	54954087	17378008
	11:00	1100	71.9	15488166	154881662	48977882
	12:00	1200	70.4	10964782	109647820	34673685
pm	1:00	1300	71.9	15488166	154881662	48977882
	2:00	1400	69.9	9772372	97723722	30902954
	3:00	1500	72.5	17782794	177827941	56234133
	4:00	1600	69.4	8709636	87096359	27542287
	5:00	1700	65.0	3162278	31622777	10000000
	6:00	1800	62.4	1737801	17378008	5495409
	7:00	1900	64.5	2818383	28183829	8912509
	8:00	2000	51.9	154882	1548817	489779
	9:00	2100	52.1	162181	1621810	512861
	10:00	2200	66.1	4073803	40738028	12882496
pm	11:00	2300	57.8	602560	6025596	1905461

Leq Morning Peak Hour 7:00-10:00 a.m.
67 dBA

Leq Evening Peak Hour 7:00-10:00 p.m.
60.2 dBA

Leq Nighttime 10:00 pm-7:00 a.m. (not adjusted)
60.7 dBA

Leq Daytime 7:00 am-7:00 p.m.
69.3 dBA

Leq 8-Hour
65.7 dBA

Ldn: 10 dB adjustment between 10:00 p.m. & 7:00 a.m.
69.5 dBA

CNEL: 5 dB adjustment between 7:00p.m. & 10:00 p.m., & 10 dB
69.6 dBA **adjustment between 10:00 p.m. & 7:00 a.m.**

Difference between CNEL and Ldn
CNEL - Ldn 0.13534468

Monitoring Location: NM3
Date: August 12 - August 13, 2025

	Monitoring Period		Monitored Leq	Logarithmic Equivalent	Evening/Night Adjustments 10 dB	5 dB
Midnight		0 / 24	48.7	74131	741310	234423
am	1:00	100	45.6	36308	363078	114815
	2:00	200	44.8	30200	301995	95499
	3:00	300	43.5	22387	223872	70795
	4:00	400	48.4	69183	691831	218776
	5:00	500	52.7	186209	1862087	588844
	6:00	600	55.4	346737	3467369	1096478
	7:00	700	62.2	1659587	16595869	5248075
	8:00	800	74.6	28840315	288403150	91201084
	9:00	900	75.3	33884416	338844156	107151931
	10:00	1000	71.9	15488166	154881662	48977882
	11:00	1100	75.5	35481339	354813389	112201845
	12:00	1200	73.2	20892961	208929613	66069345
pm	1:00	1300	59.4	870964	8709636	2754229
	2:00	1400	74.8	30199517	301995172	95499259
	3:00	1500	76.1	40738028	407380278	128824955
	4:00	1600	75.5	35481339	354813389	112201845
	5:00	1700	71.4	13803843	138038426	43651583
	6:00	1800	65.6	3630781	36307805	11481536
	7:00	1900	70.5	11220185	112201845	35481339
	8:00	2000	47.5	56234	562341	177828
	9:00	2100	46.7	46774	467735	147911
	10:00	2200	52.0	158489	1584893	501187
pm	11:00	2300	54.4	275423	2754229	870964

Leq Morning Peak Hour 7:00-10:00 a.m.
73 dBA

Leq Evening Peak Hour 7:00-10:00 p.m.
65.8 dBA

Leq Nighttime 10:00 pm-7:00 a.m. (not adjusted)
51.2 dBA

Leq Daytime 7:00 am-7:00 p.m.
73.3 dBA

Leq 8-Hour
69.3 dBA

Ldn: 10 dB adjustment between 10:00 p.m. & 7:00 a.m.
70.7 dBA

CNEL: 5 dB adjustment between 7:00p.m. & 10:00 p.m., & 10 dB
71.1 dBA **adjustment between 10:00 p.m. & 7:00 a.m.**

Difference between CNEL and Ldn
CNEL - Ldn 0.35879572

APPENDIX 2.0

SoundPLAN Output Sheets

Baccara Gas Turbine
Contribution level - Exterior Noise

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Receiver NM2 Fl G Leq,d 45.7 dB(A) Leq,e 45.7 dB(A) Leq,n 45.7 dB(A)						
Generator 1	Default industrial noise	Area	36.5	36.5	36.5	
Generator 4	Default industrial noise	Area	28.7	28.7	28.7	
Generator 3	Default industrial noise	Area	30.9	30.9	30.9	
Generator 2	Default industrial noise	Area	34.8	34.8	34.8	
Chillers	Default industrial noise	Area	10.8	10.8	10.8	
Chillers	Default industrial noise	Area	10.8	10.8	10.8	
Chillers	Default industrial noise	Area	11.2	11.2	11.2	
Chillers	Default industrial noise	Area	11.2	11.2	11.2	
Chillers	Default industrial noise	Area	11.2	11.2	11.2	
Chillers	Default industrial noise	Area	10.9	10.9	10.9	
Chillers	Default industrial noise	Area	10.9	10.9	10.9	
Chillers	Default industrial noise	Area	10.9	10.9	10.9	
Chillers	Default industrial noise	Area	6.4	6.4	6.4	
Chillers	Default industrial noise	Area	6.5	6.5	6.5	
Chillers	Default industrial noise	Area	7.7	7.7	7.7	
Chillers	Default industrial noise	Area	7.7	7.7	7.7	
Chillers	Default industrial noise	Area	7.6	7.6	7.6	
Chillers	Default industrial noise	Area	7.7	7.7	7.7	
Chillers	Default industrial noise	Area	7.6	7.6	7.6	
Chillers	Default industrial noise	Area	6.4	6.4	6.4	
Chillers	Default industrial noise	Area	11.0	11.0	11.0	
Chillers	Default industrial noise	Area	11.0	11.0	11.0	
Chillers	Default industrial noise	Area	11.3	11.3	11.3	
Chillers	Default industrial noise	Area	11.8	11.8	11.8	
Chillers	Default industrial noise	Area	11.9	11.9	11.9	
Chillers	Default industrial noise	Area	11.5	11.5	11.5	
Chillers	Default industrial noise	Area	11.6	11.6	11.6	
Chillers	Default industrial noise	Area	11.6	11.6	11.6	
Chillers	Default industrial noise	Area	6.5	6.5	6.5	
Chillers	Default industrial noise	Area	6.3	6.3	6.3	
Chillers	Default industrial noise	Area	7.7	7.7	7.7	
Chillers	Default industrial noise	Area	7.6	7.6	7.6	
Chillers	Default industrial noise	Area	7.8	7.8	7.8	
Chillers	Default industrial noise	Area	8.2	8.2	8.2	
Chillers	Default industrial noise	Area	8.5	8.5	8.5	
Chillers	Default industrial noise	Area	7.3	7.3	7.3	
Chillers	Default industrial noise	Area	11.8	11.8	11.8	
Chillers	Default industrial noise	Area	11.8	11.8	11.8	
Chillers	Default industrial noise	Area	12.3	12.3	12.3	
Chillers	Default industrial noise	Area	12.4	12.4	12.4	
Chillers	Default industrial noise	Area	12.6	12.6	12.6	
Chillers	Default industrial noise	Area	12.3	12.3	12.3	
Chillers	Default industrial noise	Area	12.4	12.4	12.4	
Chillers	Default industrial noise	Area	12.4	12.4	12.4	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	7.5	7.5	7.5	
Chillers	Default industrial noise	Area	7.4	7.4	7.4	
Chillers	Default industrial noise	Area	8.9	8.9	8.9	
Chillers	Default industrial noise	Area	8.8	8.8	8.8	
Chillers	Default industrial noise	Area	9.1	9.1	9.1	
Chillers	Default industrial noise	Area	9.2	9.2	9.2	
Chillers	Default industrial noise	Area	9.5	9.5	9.5	
Chillers	Default industrial noise	Area	8.0	8.0	8.0	
Chillers	Default industrial noise	Area	12.6	12.6	12.6	
Chillers	Default industrial noise	Area	12.5	12.5	12.5	
Chillers	Default industrial noise	Area	12.9	12.9	12.9	
Chillers	Default industrial noise	Area	12.9	12.9	12.9	
Chillers	Default industrial noise	Area	12.9	12.9	12.9	
Chillers	Default industrial noise	Area	12.4	12.4	12.4	
Chillers	Default industrial noise	Area	12.4	12.4	12.4	
Chillers	Default industrial noise	Area	12.4	12.4	12.4	
Chillers	Default industrial noise	Area	8.2	8.2	8.2	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	9.5	9.5	9.5	
Chillers	Default industrial noise	Area	9.7	9.7	9.7	
Chillers	Default industrial noise	Area	9.6	9.6	9.6	
Chillers	Default industrial noise	Area	9.6	9.6	9.6	
Chillers	Default industrial noise	Area	9.4	9.4	9.4	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	12.4	12.4	12.4	
Chillers	Default industrial noise	Area	12.4	12.4	12.4	
Chillers	Default industrial noise	Area	12.8	12.8	12.8	
Chillers	Default industrial noise	Area	12.8	12.8	12.8	
Chillers	Default industrial noise	Area	12.8	12.8	12.8	
Chillers	Default industrial noise	Area	12.6	12.6	12.6	
Chillers	Default industrial noise	Area	12.7	12.7	12.7	
Chillers	Default industrial noise	Area	14.2	14.2	14.2	
Chillers	Default industrial noise	Area	8.2	8.2	8.2	
Chillers	Default industrial noise	Area	8.2	8.2	8.2	
Chillers	Default industrial noise	Area	9.4	9.4	9.4	
Chillers	Default industrial noise	Area	9.3	9.3	9.3	
Chillers	Default industrial noise	Area	9.4	9.4	9.4	
Chillers	Default industrial noise	Area	9.6	9.6	9.6	
Chillers	Default industrial noise	Area	9.8	9.8	9.8	
Chillers	Default industrial noise	Area	9.0	9.0	9.0	
Chillers	Default industrial noise	Area	15.7	15.7	15.7	
Chillers	Default industrial noise	Area	15.7	15.7	15.7	
Chillers	Default industrial noise	Area	15.8	15.8	15.8	
Chillers	Default industrial noise	Area	15.9	15.9	15.9	
Chillers	Default industrial noise	Area	15.9	15.9	15.9	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	16.0	16.0	16.0	
Chillers	Default industrial noise	Area	16.1	16.1	16.1	
Chillers	Default industrial noise	Area	16.1	16.1	16.1	
Chillers	Default industrial noise	Area	15.8	15.8	15.8	
Chillers	Default industrial noise	Area	15.9	15.9	15.9	
Chillers	Default industrial noise	Area	16.0	16.0	16.0	
Chillers	Default industrial noise	Area	16.1	16.1	16.1	
Chillers	Default industrial noise	Area	16.1	16.1	16.1	
Chillers	Default industrial noise	Area	16.2	16.2	16.2	
Chillers	Default industrial noise	Area	16.2	16.2	16.2	
Chillers	Default industrial noise	Area	16.3	16.3	16.3	
Chillers	Default industrial noise	Area	16.3	16.3	16.3	
Chillers	Default industrial noise	Area	16.4	16.4	16.4	
Chillers	Default industrial noise	Area	16.5	16.5	16.5	
Chillers	Default industrial noise	Area	16.6	16.6	16.6	
Chillers	Default industrial noise	Area	16.6	16.6	16.6	
Chillers	Default industrial noise	Area	16.7	16.7	16.7	
Chillers	Default industrial noise	Area	16.8	16.8	16.8	
Chillers	Default industrial noise	Area	16.8	16.8	16.8	
Chillers	Default industrial noise	Area	16.5	16.5	16.5	
Chillers	Default industrial noise	Area	16.6	16.6	16.6	
Chillers	Default industrial noise	Area	16.7	16.7	16.7	
Chillers	Default industrial noise	Area	16.8	16.8	16.8	
Chillers	Default industrial noise	Area	16.8	16.8	16.8	
Chillers	Default industrial noise	Area	16.9	16.9	16.9	
Chillers	Default industrial noise	Area	17.0	17.0	17.0	
Chillers	Default industrial noise	Area	17.0	17.0	17.0	
Chillers	Default industrial noise	Area	17.1	17.1	17.1	
Chillers	Default industrial noise	Area	17.1	17.1	17.1	
Chillers	Default industrial noise	Area	17.4	17.4	17.4	
Chillers	Default industrial noise	Area	17.5	17.5	17.5	
Chillers	Default industrial noise	Area	17.6	17.6	17.6	
Chillers	Default industrial noise	Area	17.7	17.7	17.7	
Chillers	Default industrial noise	Area	17.8	17.8	17.8	
Chillers	Default industrial noise	Area	17.9	17.9	17.9	
Chillers	Default industrial noise	Area	17.4	17.4	17.4	
Chillers	Default industrial noise	Area	17.4	17.4	17.4	
Chillers	Default industrial noise	Area	17.5	17.5	17.5	
Chillers	Default industrial noise	Area	17.6	17.6	17.6	
Chillers	Default industrial noise	Area	17.7	17.7	17.7	
Chillers	Default industrial noise	Area	17.8	17.8	17.8	
Chillers	Default industrial noise	Area	17.9	17.9	17.9	
Chillers	Default industrial noise	Area	18.0	18.0	18.0	
Chillers	Default industrial noise	Area	19.3	19.3	19.3	
Chillers	Default industrial noise	Area	19.7	19.7	19.7	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	19.8	19.8	19.8	
Chillers	Default industrial noise	Area	19.9	19.9	19.9	
Chillers	Default industrial noise	Area	20.0	20.0	20.0	
Chillers	Default industrial noise	Area	20.8	20.8	20.8	
Chillers	Default industrial noise	Area	21.7	21.7	21.7	
Chillers	Default industrial noise	Area	20.8	20.8	20.8	
Chillers	Default industrial noise	Area	18.6	18.6	18.6	
Chillers	Default industrial noise	Area	18.8	18.8	18.8	
Chillers	Default industrial noise	Area	19.0	19.0	19.0	
Chillers	Default industrial noise	Area	19.9	19.9	19.9	
Chillers	Default industrial noise	Area	20.2	20.2	20.2	
Chillers	Default industrial noise	Area	20.3	20.3	20.3	
Chillers	Default industrial noise	Area	20.3	20.3	20.3	
Chillers	Default industrial noise	Area	21.2	21.2	21.2	
Chillers	Default industrial noise	Area	21.0	21.0	21.0	
Chillers	Default industrial noise	Area	21.1	21.1	21.1	
Chillers	Default industrial noise	Area	21.2	21.2	21.2	
Chillers	Default industrial noise	Area	21.3	21.3	21.3	
Chillers	Default industrial noise	Area	21.3	21.3	21.3	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	21.5	21.5	21.5	
Chillers	Default industrial noise	Area	21.5	21.5	21.5	
Chillers	Default industrial noise	Area	21.3	21.3	21.3	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	21.5	21.5	21.5	
Chillers	Default industrial noise	Area	21.6	21.6	21.6	
Chillers	Default industrial noise	Area	21.6	21.6	21.6	
Chillers	Default industrial noise	Area	21.7	21.7	21.7	
Chillers	Default industrial noise	Area	21.7	21.7	21.7	
Chillers	Default industrial noise	Area	21.8	21.8	21.8	
Chillers	Default industrial noise	Area	13.9	13.9	13.9	
Chillers	Default industrial noise	Area	13.9	13.9	13.9	
Chillers	Default industrial noise	Area	14.3	14.3	14.3	
Chillers	Default industrial noise	Area	14.4	14.4	14.4	
Chillers	Default industrial noise	Area	14.3	14.3	14.3	
Chillers	Default industrial noise	Area	14.0	14.0	14.0	
Chillers	Default industrial noise	Area	14.0	14.0	14.0	
Chillers	Default industrial noise	Area	14.1	14.1	14.1	
Chillers	Default industrial noise	Area	10.9	10.9	10.9	
Chillers	Default industrial noise	Area	10.9	10.9	10.9	
Chillers	Default industrial noise	Area	11.7	11.7	11.7	
Chillers	Default industrial noise	Area	11.8	11.8	11.8	
Chillers	Default industrial noise	Area	11.7	11.7	11.7	
Chillers	Default industrial noise	Area	11.7	11.7	11.7	
Chillers	Default industrial noise	Area	11.7	11.7	11.7	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	10.8	10.8	10.8	
Chillers	Default industrial noise	Area	14.1	14.1	14.1	
Chillers	Default industrial noise	Area	14.2	14.2	14.2	
Chillers	Default industrial noise	Area	14.5	14.5	14.5	
Chillers	Default industrial noise	Area	14.6	14.6	14.6	
Chillers	Default industrial noise	Area	14.6	14.6	14.6	
Chillers	Default industrial noise	Area	14.3	14.3	14.3	
Chillers	Default industrial noise	Area	14.4	14.4	14.4	
Chillers	Default industrial noise	Area	14.4	14.4	14.4	
Chillers	Default industrial noise	Area	10.8	10.8	10.8	
Chillers	Default industrial noise	Area	10.8	10.8	10.8	
Chillers	Default industrial noise	Area	11.7	11.7	11.7	
Chillers	Default industrial noise	Area	11.8	11.8	11.8	
Chillers	Default industrial noise	Area	11.9	11.9	11.9	
Chillers	Default industrial noise	Area	11.9	11.9	11.9	
Chillers	Default industrial noise	Area	11.8	11.8	11.8	
Chillers	Default industrial noise	Area	10.6	10.6	10.6	
Chillers	Default industrial noise	Area	14.5	14.5	14.5	
Chillers	Default industrial noise	Area	14.5	14.5	14.5	
Chillers	Default industrial noise	Area	14.8	14.8	14.8	
Chillers	Default industrial noise	Area	14.8	14.8	14.8	
Chillers	Default industrial noise	Area	14.8	14.8	14.8	
Chillers	Default industrial noise	Area	14.5	14.5	14.5	
Chillers	Default industrial noise	Area	14.5	14.5	14.5	
Chillers	Default industrial noise	Area	14.6	14.6	14.6	
Chillers	Default industrial noise	Area	10.7	10.7	10.7	
Chillers	Default industrial noise	Area	10.8	10.8	10.8	
Chillers	Default industrial noise	Area	11.9	11.9	11.9	
Chillers	Default industrial noise	Area	11.8	11.8	11.8	
Chillers	Default industrial noise	Area	11.6	11.6	11.6	
Chillers	Default industrial noise	Area	11.5	11.5	11.5	
Chillers	Default industrial noise	Area	11.6	11.6	11.6	
Chillers	Default industrial noise	Area	10.5	10.5	10.5	
Chillers	Default industrial noise	Area	14.7	14.7	14.7	
Chillers	Default industrial noise	Area	14.7	14.7	14.7	
Chillers	Default industrial noise	Area	15.1	15.1	15.1	
Chillers	Default industrial noise	Area	15.2	15.2	15.2	
Chillers	Default industrial noise	Area	15.4	15.4	15.4	
Chillers	Default industrial noise	Area	15.1	15.1	15.1	
Chillers	Default industrial noise	Area	15.2	15.2	15.2	
Chillers	Default industrial noise	Area	15.3	15.3	15.3	
Chillers	Default industrial noise	Area	10.2	10.2	10.2	
Chillers	Default industrial noise	Area	10.1	10.1	10.1	
Chillers	Default industrial noise	Area	11.3	11.3	11.3	
Chillers	Default industrial noise	Area	11.4	11.4	11.4	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	11.5	11.5	11.5	
Chillers	Default industrial noise	Area	11.5	11.5	11.5	
Chillers	Default industrial noise	Area	11.7	11.7	11.7	
Chillers	Default industrial noise	Area	10.7	10.7	10.7	
Chillers	Default industrial noise	Area	15.6	15.6	15.6	
Chillers	Default industrial noise	Area	15.7	15.7	15.7	
Chillers	Default industrial noise	Area	16.3	16.3	16.3	
Chillers	Default industrial noise	Area	16.7	16.7	16.7	
Chillers	Default industrial noise	Area	17.2	17.2	17.2	
Chillers	Default industrial noise	Area	18.5	18.5	18.5	
Chillers	Default industrial noise	Area	22.4	22.4	22.4	
Chillers	Default industrial noise	Area	22.8	22.8	22.8	
Chillers	Default industrial noise	Area	10.9	10.9	10.9	
Chillers	Default industrial noise	Area	11.1	11.1	11.1	
Chillers	Default industrial noise	Area	12.2	12.2	12.2	
Chillers	Default industrial noise	Area	12.6	12.6	12.6	
Chillers	Default industrial noise	Area	12.7	12.7	12.7	
Chillers	Default industrial noise	Area	13.4	13.4	13.4	
Chillers	Default industrial noise	Area	14.4	14.4	14.4	
Chillers	Default industrial noise	Area	15.2	15.2	15.2	
Chillers	Default industrial noise	Area	19.8	19.8	19.8	
Chillers	Default industrial noise	Area	19.9	19.9	19.9	
Chillers	Default industrial noise	Area	20.0	20.0	20.0	
Chillers	Default industrial noise	Area	20.1	20.1	20.1	
Chillers	Default industrial noise	Area	20.2	20.2	20.2	
Chillers	Default industrial noise	Area	20.3	20.3	20.3	
Chillers	Default industrial noise	Area	20.4	20.4	20.4	
Chillers	Default industrial noise	Area	20.5	20.5	20.5	
Chillers	Default industrial noise	Area	19.9	19.9	19.9	
Chillers	Default industrial noise	Area	20.0	20.0	20.0	
Chillers	Default industrial noise	Area	20.1	20.1	20.1	
Chillers	Default industrial noise	Area	20.2	20.2	20.2	
Chillers	Default industrial noise	Area	20.3	20.3	20.3	
Chillers	Default industrial noise	Area	20.4	20.4	20.4	
Chillers	Default industrial noise	Area	20.5	20.5	20.5	
Chillers	Default industrial noise	Area	20.6	20.6	20.6	
Chillers	Default industrial noise	Area	20.8	20.8	20.8	
Chillers	Default industrial noise	Area	20.9	20.9	20.9	
Chillers	Default industrial noise	Area	21.0	21.0	21.0	
Chillers	Default industrial noise	Area	21.2	21.2	21.2	
Chillers	Default industrial noise	Area	21.3	21.3	21.3	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	21.5	21.5	21.5	
Chillers	Default industrial noise	Area	21.6	21.6	21.6	
Chillers	Default industrial noise	Area	21.0	21.0	21.0	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	21.1	21.1	21.1	
Chillers	Default industrial noise	Area	21.2	21.2	21.2	
Chillers	Default industrial noise	Area	21.3	21.3	21.3	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	21.5	21.5	21.5	
Chillers	Default industrial noise	Area	21.6	21.6	21.6	
Chillers	Default industrial noise	Area	21.7	21.7	21.7	
Chillers	Default industrial noise	Area	22.0	22.0	22.0	
Chillers	Default industrial noise	Area	22.1	22.1	22.1	
Chillers	Default industrial noise	Area	22.3	22.3	22.3	
Chillers	Default industrial noise	Area	22.4	22.4	22.4	
Chillers	Default industrial noise	Area	22.5	22.5	22.5	
Chillers	Default industrial noise	Area	22.6	22.6	22.6	
Chillers	Default industrial noise	Area	22.8	22.8	22.8	
Chillers	Default industrial noise	Area	22.8	22.8	22.8	
Chillers	Default industrial noise	Area	22.2	22.2	22.2	
Chillers	Default industrial noise	Area	22.3	22.3	22.3	
Chillers	Default industrial noise	Area	22.5	22.5	22.5	
Chillers	Default industrial noise	Area	22.6	22.6	22.6	
Chillers	Default industrial noise	Area	22.7	22.7	22.7	
Chillers	Default industrial noise	Area	22.8	22.8	22.8	
Chillers	Default industrial noise	Area	22.9	22.9	22.9	
Chillers	Default industrial noise	Area	23.0	23.0	23.0	
Chillers	Default industrial noise	Area	23.3	23.3	23.3	
Chillers	Default industrial noise	Area	23.5	23.5	23.5	
Chillers	Default industrial noise	Area	23.6	23.6	23.6	
Chillers	Default industrial noise	Area	23.8	23.8	23.8	
Chillers	Default industrial noise	Area	23.9	23.9	23.9	
Chillers	Default industrial noise	Area	24.0	24.0	24.0	
Chillers	Default industrial noise	Area	24.1	24.1	24.1	
Chillers	Default industrial noise	Area	24.2	24.2	24.2	
Chillers	Default industrial noise	Area	23.6	23.6	23.6	
Chillers	Default industrial noise	Area	23.7	23.7	23.7	
Chillers	Default industrial noise	Area	23.9	23.9	23.9	
Chillers	Default industrial noise	Area	24.0	24.0	24.0	
Chillers	Default industrial noise	Area	24.1	24.1	24.1	
Chillers	Default industrial noise	Area	24.2	24.2	24.2	
Chillers	Default industrial noise	Area	24.3	24.3	24.3	
Chillers	Default industrial noise	Area	24.5	24.5	24.5	
Chillers	Default industrial noise	Area	24.6	24.6	24.6	
Chillers	Default industrial noise	Area	24.7	24.7	24.7	
Chillers	Default industrial noise	Area	26.8	26.8	26.8	
Chillers	Default industrial noise	Area	26.9	26.9	26.9	
Chillers	Default industrial noise	Area	27.0	27.0	27.0	
Chillers	Default industrial noise	Area	27.2	27.2	27.2	

Baccara Gas Turbine
Contribution level - Exterior Noise

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	27.1	27.1	27.1	
Chillers	Default industrial noise	Area	26.8	26.8	26.8	
Chillers	Default industrial noise	Area	24.9	24.9	24.9	
Chillers	Default industrial noise	Area	25.0	25.0	25.0	
Chillers	Default industrial noise	Area	25.2	25.2	25.2	
Chillers	Default industrial noise	Area	25.3	25.3	25.3	
Chillers	Default industrial noise	Area	25.8	25.8	25.8	
Chillers	Default industrial noise	Area	25.6	25.6	25.6	
Chillers	Default industrial noise	Area	25.7	25.7	25.7	
Chillers	Default industrial noise	Area	25.9	25.9	25.9	
Substation	Default industrial noise	Area	22.9	22.9	22.9	
CT1	Default industrial noise	Area	14.5	14.5	14.5	
CT2	Default industrial noise	Area	14.7	14.7	14.7	
CT3	Default industrial noise	Area	15.2	15.2	15.2	
CT4	Default industrial noise	Area	15.4	15.4	15.4	
CT5	Default industrial noise	Area	15.9	15.9	15.9	
CT6	Default industrial noise	Area	16.2	16.2	16.2	
CT7	Default industrial noise	Area	16.7	16.7	16.7	
CT8	Default industrial noise	Area	17.0	17.0	17.0	
CT9	Default industrial noise	Area	17.6	17.6	17.6	
CT10	Default industrial noise	Area	17.9	17.9	17.9	
CT11	Default industrial noise	Area	18.6	18.6	18.6	
CT12	Default industrial noise	Area	19.1	19.1	19.1	
CT13	Default industrial noise	Area	19.4	19.4	19.4	
CT14	Default industrial noise	Area	20.0	20.0	20.0	
CT15	Default industrial noise	Area	20.5	20.5	20.5	
CT16	Default industrial noise	Area	21.2	21.2	21.2	
CT17	Default industrial noise	Area	21.4	21.4	21.4	
CT18	Default industrial noise	Area	22.3	22.3	22.3	
Receiver NM2 Fl F2 Leq,d 45.9 dB(A) Leq,e 45.9 dB(A) Leq,n 45.9 dB(A)						
Generator 1	Default industrial noise	Area	36.7	36.7	36.7	
Generator 4	Default industrial noise	Area	29.2	29.2	29.2	
Generator 3	Default industrial noise	Area	31.3	31.3	31.3	
Generator 2	Default industrial noise	Area	35.0	35.0	35.0	
Chillers	Default industrial noise	Area	11.8	11.8	11.8	
Chillers	Default industrial noise	Area	11.8	11.8	11.8	
Chillers	Default industrial noise	Area	12.2	12.2	12.2	
Chillers	Default industrial noise	Area	12.1	12.1	12.1	
Chillers	Default industrial noise	Area	12.2	12.2	12.2	
Chillers	Default industrial noise	Area	11.9	11.9	11.9	
Chillers	Default industrial noise	Area	12.0	12.0	12.0	
Chillers	Default industrial noise	Area	12.0	12.0	12.0	
Chillers	Default industrial noise	Area	6.5	6.5	6.5	
Chillers	Default industrial noise	Area	6.6	6.6	6.6	
Chillers	Default industrial noise	Area	7.8	7.8	7.8	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	7.7	7.7	7.7	
Chillers	Default industrial noise	Area	7.7	7.7	7.7	
Chillers	Default industrial noise	Area	7.8	7.8	7.8	
Chillers	Default industrial noise	Area	7.6	7.6	7.6	
Chillers	Default industrial noise	Area	6.4	6.4	6.4	
Chillers	Default industrial noise	Area	12.0	12.0	12.0	
Chillers	Default industrial noise	Area	12.0	12.0	12.0	
Chillers	Default industrial noise	Area	12.3	12.3	12.3	
Chillers	Default industrial noise	Area	12.8	12.8	12.8	
Chillers	Default industrial noise	Area	12.8	12.8	12.8	
Chillers	Default industrial noise	Area	12.5	12.5	12.5	
Chillers	Default industrial noise	Area	12.5	12.5	12.5	
Chillers	Default industrial noise	Area	12.5	12.5	12.5	
Chillers	Default industrial noise	Area	6.5	6.5	6.5	
Chillers	Default industrial noise	Area	6.3	6.3	6.3	
Chillers	Default industrial noise	Area	7.7	7.7	7.7	
Chillers	Default industrial noise	Area	7.6	7.6	7.6	
Chillers	Default industrial noise	Area	7.8	7.8	7.8	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	8.6	8.6	8.6	
Chillers	Default industrial noise	Area	7.3	7.3	7.3	
Chillers	Default industrial noise	Area	12.7	12.7	12.7	
Chillers	Default industrial noise	Area	12.8	12.8	12.8	
Chillers	Default industrial noise	Area	13.2	13.2	13.2	
Chillers	Default industrial noise	Area	13.3	13.3	13.3	
Chillers	Default industrial noise	Area	13.4	13.4	13.4	
Chillers	Default industrial noise	Area	13.2	13.2	13.2	
Chillers	Default industrial noise	Area	13.3	13.3	13.3	
Chillers	Default industrial noise	Area	13.4	13.4	13.4	
Chillers	Default industrial noise	Area	7.5	7.5	7.5	
Chillers	Default industrial noise	Area	7.4	7.4	7.4	
Chillers	Default industrial noise	Area	8.9	8.9	8.9	
Chillers	Default industrial noise	Area	8.8	8.8	8.8	
Chillers	Default industrial noise	Area	9.1	9.1	9.1	
Chillers	Default industrial noise	Area	9.2	9.2	9.2	
Chillers	Default industrial noise	Area	9.5	9.5	9.5	
Chillers	Default industrial noise	Area	8.0	8.0	8.0	
Chillers	Default industrial noise	Area	13.5	13.5	13.5	
Chillers	Default industrial noise	Area	13.5	13.5	13.5	
Chillers	Default industrial noise	Area	13.8	13.8	13.8	
Chillers	Default industrial noise	Area	13.8	13.8	13.8	
Chillers	Default industrial noise	Area	13.8	13.8	13.8	
Chillers	Default industrial noise	Area	13.4	13.4	13.4	
Chillers	Default industrial noise	Area	13.4	13.4	13.4	
Chillers	Default industrial noise	Area	13.4	13.4	13.4	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	8.2	8.2	8.2	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	9.6	9.6	9.6	
Chillers	Default industrial noise	Area	9.7	9.7	9.7	
Chillers	Default industrial noise	Area	9.6	9.6	9.6	
Chillers	Default industrial noise	Area	9.6	9.6	9.6	
Chillers	Default industrial noise	Area	9.4	9.4	9.4	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	13.5	13.5	13.5	
Chillers	Default industrial noise	Area	13.5	13.5	13.5	
Chillers	Default industrial noise	Area	13.8	13.8	13.8	
Chillers	Default industrial noise	Area	13.9	13.9	13.9	
Chillers	Default industrial noise	Area	14.0	14.0	14.0	
Chillers	Default industrial noise	Area	14.0	14.0	14.0	
Chillers	Default industrial noise	Area	14.5	14.5	14.5	
Chillers	Default industrial noise	Area	16.6	16.6	16.6	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	9.6	9.6	9.6	
Chillers	Default industrial noise	Area	9.5	9.5	9.5	
Chillers	Default industrial noise	Area	9.7	9.7	9.7	
Chillers	Default industrial noise	Area	10.0	10.0	10.0	
Chillers	Default industrial noise	Area	10.4	10.4	10.4	
Chillers	Default industrial noise	Area	10.1	10.1	10.1	
Chillers	Default industrial noise	Area	16.1	16.1	16.1	
Chillers	Default industrial noise	Area	16.1	16.1	16.1	
Chillers	Default industrial noise	Area	16.2	16.2	16.2	
Chillers	Default industrial noise	Area	16.3	16.3	16.3	
Chillers	Default industrial noise	Area	16.3	16.3	16.3	
Chillers	Default industrial noise	Area	16.4	16.4	16.4	
Chillers	Default industrial noise	Area	16.5	16.5	16.5	
Chillers	Default industrial noise	Area	16.5	16.5	16.5	
Chillers	Default industrial noise	Area	16.2	16.2	16.2	
Chillers	Default industrial noise	Area	16.3	16.3	16.3	
Chillers	Default industrial noise	Area	16.4	16.4	16.4	
Chillers	Default industrial noise	Area	16.5	16.5	16.5	
Chillers	Default industrial noise	Area	16.5	16.5	16.5	
Chillers	Default industrial noise	Area	16.6	16.6	16.6	
Chillers	Default industrial noise	Area	16.6	16.6	16.6	
Chillers	Default industrial noise	Area	16.7	16.7	16.7	
Chillers	Default industrial noise	Area	16.7	16.7	16.7	
Chillers	Default industrial noise	Area	16.8	16.8	16.8	
Chillers	Default industrial noise	Area	16.9	16.9	16.9	
Chillers	Default industrial noise	Area	17.0	17.0	17.0	
Chillers	Default industrial noise	Area	17.0	17.0	17.0	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	17.1	17.1	17.1	
Chillers	Default industrial noise	Area	17.2	17.2	17.2	
Chillers	Default industrial noise	Area	17.2	17.2	17.2	
Chillers	Default industrial noise	Area	16.9	16.9	16.9	
Chillers	Default industrial noise	Area	17.0	17.0	17.0	
Chillers	Default industrial noise	Area	17.1	17.1	17.1	
Chillers	Default industrial noise	Area	17.2	17.2	17.2	
Chillers	Default industrial noise	Area	17.2	17.2	17.2	
Chillers	Default industrial noise	Area	17.3	17.3	17.3	
Chillers	Default industrial noise	Area	17.3	17.3	17.3	
Chillers	Default industrial noise	Area	17.4	17.4	17.4	
Chillers	Default industrial noise	Area	17.4	17.4	17.4	
Chillers	Default industrial noise	Area	17.5	17.5	17.5	
Chillers	Default industrial noise	Area	17.7	17.7	17.7	
Chillers	Default industrial noise	Area	17.8	17.8	17.8	
Chillers	Default industrial noise	Area	17.9	17.9	17.9	
Chillers	Default industrial noise	Area	18.0	18.0	18.0	
Chillers	Default industrial noise	Area	18.1	18.1	18.1	
Chillers	Default industrial noise	Area	18.2	18.2	18.2	
Chillers	Default industrial noise	Area	17.7	17.7	17.7	
Chillers	Default industrial noise	Area	17.8	17.8	17.8	
Chillers	Default industrial noise	Area	17.9	17.9	17.9	
Chillers	Default industrial noise	Area	18.0	18.0	18.0	
Chillers	Default industrial noise	Area	18.1	18.1	18.1	
Chillers	Default industrial noise	Area	18.1	18.1	18.1	
Chillers	Default industrial noise	Area	18.2	18.2	18.2	
Chillers	Default industrial noise	Area	18.3	18.3	18.3	
Chillers	Default industrial noise	Area	19.5	19.5	19.5	
Chillers	Default industrial noise	Area	19.9	19.9	19.9	
Chillers	Default industrial noise	Area	20.0	20.0	20.0	
Chillers	Default industrial noise	Area	20.1	20.1	20.1	
Chillers	Default industrial noise	Area	20.1	20.1	20.1	
Chillers	Default industrial noise	Area	20.9	20.9	20.9	
Chillers	Default industrial noise	Area	21.8	21.8	21.8	
Chillers	Default industrial noise	Area	21.0	21.0	21.0	
Chillers	Default industrial noise	Area	18.8	18.8	18.8	
Chillers	Default industrial noise	Area	19.0	19.0	19.0	
Chillers	Default industrial noise	Area	19.3	19.3	19.3	
Chillers	Default industrial noise	Area	20.1	20.1	20.1	
Chillers	Default industrial noise	Area	20.4	20.4	20.4	
Chillers	Default industrial noise	Area	20.4	20.4	20.4	
Chillers	Default industrial noise	Area	20.5	20.5	20.5	
Chillers	Default industrial noise	Area	21.3	21.3	21.3	
Chillers	Default industrial noise	Area	21.2	21.2	21.2	
Chillers	Default industrial noise	Area	21.2	21.2	21.2	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	21.3	21.3	21.3	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	21.5	21.5	21.5	
Chillers	Default industrial noise	Area	21.5	21.5	21.5	
Chillers	Default industrial noise	Area	21.6	21.6	21.6	
Chillers	Default industrial noise	Area	21.6	21.6	21.6	
Chillers	Default industrial noise	Area	21.5	21.5	21.5	
Chillers	Default industrial noise	Area	21.5	21.5	21.5	
Chillers	Default industrial noise	Area	21.6	21.6	21.6	
Chillers	Default industrial noise	Area	21.7	21.7	21.7	
Chillers	Default industrial noise	Area	21.8	21.8	21.8	
Chillers	Default industrial noise	Area	21.8	21.8	21.8	
Chillers	Default industrial noise	Area	21.9	21.9	21.9	
Chillers	Default industrial noise	Area	22.1	22.1	22.1	
Chillers	Default industrial noise	Area	14.8	14.8	14.8	
Chillers	Default industrial noise	Area	14.8	14.8	14.8	
Chillers	Default industrial noise	Area	15.2	15.2	15.2	
Chillers	Default industrial noise	Area	15.2	15.2	15.2	
Chillers	Default industrial noise	Area	15.2	15.2	15.2	
Chillers	Default industrial noise	Area	15.0	15.0	15.0	
Chillers	Default industrial noise	Area	15.0	15.0	15.0	
Chillers	Default industrial noise	Area	15.0	15.0	15.0	
Chillers	Default industrial noise	Area	11.0	11.0	11.0	
Chillers	Default industrial noise	Area	10.9	10.9	10.9	
Chillers	Default industrial noise	Area	12.1	12.1	12.1	
Chillers	Default industrial noise	Area	12.2	12.2	12.2	
Chillers	Default industrial noise	Area	12.0	12.0	12.0	
Chillers	Default industrial noise	Area	11.9	11.9	11.9	
Chillers	Default industrial noise	Area	12.0	12.0	12.0	
Chillers	Default industrial noise	Area	10.9	10.9	10.9	
Chillers	Default industrial noise	Area	15.1	15.1	15.1	
Chillers	Default industrial noise	Area	15.1	15.1	15.1	
Chillers	Default industrial noise	Area	15.5	15.5	15.5	
Chillers	Default industrial noise	Area	15.5	15.5	15.5	
Chillers	Default industrial noise	Area	15.6	15.6	15.6	
Chillers	Default industrial noise	Area	15.3	15.3	15.3	
Chillers	Default industrial noise	Area	15.3	15.3	15.3	
Chillers	Default industrial noise	Area	15.4	15.4	15.4	
Chillers	Default industrial noise	Area	10.8	10.8	10.8	
Chillers	Default industrial noise	Area	10.9	10.9	10.9	
Chillers	Default industrial noise	Area	11.8	11.8	11.8	
Chillers	Default industrial noise	Area	11.9	11.9	11.9	
Chillers	Default industrial noise	Area	12.0	12.0	12.0	
Chillers	Default industrial noise	Area	12.0	12.0	12.0	
Chillers	Default industrial noise	Area	11.9	11.9	11.9	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	10.6	10.6	10.6	
Chillers	Default industrial noise	Area	15.5	15.5	15.5	
Chillers	Default industrial noise	Area	15.5	15.5	15.5	
Chillers	Default industrial noise	Area	15.8	15.8	15.8	
Chillers	Default industrial noise	Area	15.8	15.8	15.8	
Chillers	Default industrial noise	Area	15.8	15.8	15.8	
Chillers	Default industrial noise	Area	15.6	15.6	15.6	
Chillers	Default industrial noise	Area	15.6	15.6	15.6	
Chillers	Default industrial noise	Area	15.6	15.6	15.6	
Chillers	Default industrial noise	Area	10.7	10.7	10.7	
Chillers	Default industrial noise	Area	10.8	10.8	10.8	
Chillers	Default industrial noise	Area	11.9	11.9	11.9	
Chillers	Default industrial noise	Area	11.9	11.9	11.9	
Chillers	Default industrial noise	Area	11.7	11.7	11.7	
Chillers	Default industrial noise	Area	11.6	11.6	11.6	
Chillers	Default industrial noise	Area	11.6	11.6	11.6	
Chillers	Default industrial noise	Area	10.5	10.5	10.5	
Chillers	Default industrial noise	Area	15.7	15.7	15.7	
Chillers	Default industrial noise	Area	15.7	15.7	15.7	
Chillers	Default industrial noise	Area	16.2	16.2	16.2	
Chillers	Default industrial noise	Area	16.3	16.3	16.3	
Chillers	Default industrial noise	Area	16.4	16.4	16.4	
Chillers	Default industrial noise	Area	16.0	16.0	16.0	
Chillers	Default industrial noise	Area	16.2	16.2	16.2	
Chillers	Default industrial noise	Area	16.2	16.2	16.2	
Chillers	Default industrial noise	Area	10.3	10.3	10.3	
Chillers	Default industrial noise	Area	10.1	10.1	10.1	
Chillers	Default industrial noise	Area	11.3	11.3	11.3	
Chillers	Default industrial noise	Area	11.5	11.5	11.5	
Chillers	Default industrial noise	Area	11.5	11.5	11.5	
Chillers	Default industrial noise	Area	11.5	11.5	11.5	
Chillers	Default industrial noise	Area	11.7	11.7	11.7	
Chillers	Default industrial noise	Area	10.7	10.7	10.7	
Chillers	Default industrial noise	Area	16.3	16.3	16.3	
Chillers	Default industrial noise	Area	16.5	16.5	16.5	
Chillers	Default industrial noise	Area	17.2	17.2	17.2	
Chillers	Default industrial noise	Area	17.4	17.4	17.4	
Chillers	Default industrial noise	Area	17.9	17.9	17.9	
Chillers	Default industrial noise	Area	19.0	19.0	19.0	
Chillers	Default industrial noise	Area	22.5	22.5	22.5	
Chillers	Default industrial noise	Area	22.9	22.9	22.9	
Chillers	Default industrial noise	Area	10.8	10.8	10.8	
Chillers	Default industrial noise	Area	11.1	11.1	11.1	
Chillers	Default industrial noise	Area	12.2	12.2	12.2	
Chillers	Default industrial noise	Area	12.5	12.5	12.5	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	12.7	12.7	12.7	
Chillers	Default industrial noise	Area	13.3	13.3	13.3	
Chillers	Default industrial noise	Area	14.4	14.4	14.4	
Chillers	Default industrial noise	Area	15.2	15.2	15.2	
Chillers	Default industrial noise	Area	19.9	19.9	19.9	
Chillers	Default industrial noise	Area	20.0	20.0	20.0	
Chillers	Default industrial noise	Area	20.2	20.2	20.2	
Chillers	Default industrial noise	Area	20.3	20.3	20.3	
Chillers	Default industrial noise	Area	20.4	20.4	20.4	
Chillers	Default industrial noise	Area	20.5	20.5	20.5	
Chillers	Default industrial noise	Area	20.6	20.6	20.6	
Chillers	Default industrial noise	Area	20.6	20.6	20.6	
Chillers	Default industrial noise	Area	20.1	20.1	20.1	
Chillers	Default industrial noise	Area	20.2	20.2	20.2	
Chillers	Default industrial noise	Area	20.3	20.3	20.3	
Chillers	Default industrial noise	Area	20.4	20.4	20.4	
Chillers	Default industrial noise	Area	20.5	20.5	20.5	
Chillers	Default industrial noise	Area	20.6	20.6	20.6	
Chillers	Default industrial noise	Area	20.7	20.7	20.7	
Chillers	Default industrial noise	Area	20.8	20.8	20.8	
Chillers	Default industrial noise	Area	21.0	21.0	21.0	
Chillers	Default industrial noise	Area	21.1	21.1	21.1	
Chillers	Default industrial noise	Area	21.2	21.2	21.2	
Chillers	Default industrial noise	Area	21.3	21.3	21.3	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	21.5	21.5	21.5	
Chillers	Default industrial noise	Area	21.6	21.6	21.6	
Chillers	Default industrial noise	Area	21.7	21.7	21.7	
Chillers	Default industrial noise	Area	21.1	21.1	21.1	
Chillers	Default industrial noise	Area	21.2	21.2	21.2	
Chillers	Default industrial noise	Area	21.3	21.3	21.3	
Chillers	Default industrial noise	Area	21.5	21.5	21.5	
Chillers	Default industrial noise	Area	21.6	21.6	21.6	
Chillers	Default industrial noise	Area	21.6	21.6	21.6	
Chillers	Default industrial noise	Area	21.8	21.8	21.8	
Chillers	Default industrial noise	Area	21.9	21.9	21.9	
Chillers	Default industrial noise	Area	22.2	22.2	22.2	
Chillers	Default industrial noise	Area	22.3	22.3	22.3	
Chillers	Default industrial noise	Area	22.4	22.4	22.4	
Chillers	Default industrial noise	Area	22.5	22.5	22.5	
Chillers	Default industrial noise	Area	22.6	22.6	22.6	
Chillers	Default industrial noise	Area	22.8	22.8	22.8	
Chillers	Default industrial noise	Area	22.9	22.9	22.9	
Chillers	Default industrial noise	Area	23.0	23.0	23.0	
Chillers	Default industrial noise	Area	22.3	22.3	22.3	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	22.4	22.4	22.4	
Chillers	Default industrial noise	Area	22.6	22.6	22.6	
Chillers	Default industrial noise	Area	22.7	22.7	22.7	
Chillers	Default industrial noise	Area	22.8	22.8	22.8	
Chillers	Default industrial noise	Area	22.9	22.9	22.9	
Chillers	Default industrial noise	Area	23.0	23.0	23.0	
Chillers	Default industrial noise	Area	23.2	23.2	23.2	
Chillers	Default industrial noise	Area	23.5	23.5	23.5	
Chillers	Default industrial noise	Area	23.6	23.6	23.6	
Chillers	Default industrial noise	Area	23.7	23.7	23.7	
Chillers	Default industrial noise	Area	23.9	23.9	23.9	
Chillers	Default industrial noise	Area	24.0	24.0	24.0	
Chillers	Default industrial noise	Area	24.1	24.1	24.1	
Chillers	Default industrial noise	Area	24.2	24.2	24.2	
Chillers	Default industrial noise	Area	24.3	24.3	24.3	
Chillers	Default industrial noise	Area	23.7	23.7	23.7	
Chillers	Default industrial noise	Area	23.8	23.8	23.8	
Chillers	Default industrial noise	Area	24.0	24.0	24.0	
Chillers	Default industrial noise	Area	24.1	24.1	24.1	
Chillers	Default industrial noise	Area	24.2	24.2	24.2	
Chillers	Default industrial noise	Area	24.3	24.3	24.3	
Chillers	Default industrial noise	Area	24.4	24.4	24.4	
Chillers	Default industrial noise	Area	24.6	24.6	24.6	
Chillers	Default industrial noise	Area	24.7	24.7	24.7	
Chillers	Default industrial noise	Area	24.8	24.8	24.8	
Chillers	Default industrial noise	Area	26.9	26.9	26.9	
Chillers	Default industrial noise	Area	27.0	27.0	27.0	
Chillers	Default industrial noise	Area	27.2	27.2	27.2	
Chillers	Default industrial noise	Area	27.3	27.3	27.3	
Chillers	Default industrial noise	Area	27.3	27.3	27.3	
Chillers	Default industrial noise	Area	26.9	26.9	26.9	
Chillers	Default industrial noise	Area	25.0	25.0	25.0	
Chillers	Default industrial noise	Area	25.1	25.1	25.1	
Chillers	Default industrial noise	Area	25.3	25.3	25.3	
Chillers	Default industrial noise	Area	25.4	25.4	25.4	
Chillers	Default industrial noise	Area	26.0	26.0	26.0	
Chillers	Default industrial noise	Area	25.7	25.7	25.7	
Chillers	Default industrial noise	Area	25.8	25.8	25.8	
Chillers	Default industrial noise	Area	25.9	25.9	25.9	
Substation	Default industrial noise	Area	23.0	23.0	23.0	
CT1	Default industrial noise	Area	14.6	14.6	14.6	
CT2	Default industrial noise	Area	14.7	14.7	14.7	
CT3	Default industrial noise	Area	15.3	15.3	15.3	
CT4	Default industrial noise	Area	15.4	15.4	15.4	
CT5	Default industrial noise	Area	16.0	16.0	16.0	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
CT6	Default industrial noise	Area	16.3	16.3	16.3	
CT7	Default industrial noise	Area	16.8	16.8	16.8	
CT8	Default industrial noise	Area	17.1	17.1	17.1	
CT9	Default industrial noise	Area	17.7	17.7	17.7	
CT10	Default industrial noise	Area	18.0	18.0	18.0	
CT11	Default industrial noise	Area	18.7	18.7	18.7	
CT12	Default industrial noise	Area	19.2	19.2	19.2	
CT13	Default industrial noise	Area	19.6	19.6	19.6	
CT14	Default industrial noise	Area	20.1	20.1	20.1	
CT15	Default industrial noise	Area	20.6	20.6	20.6	
CT16	Default industrial noise	Area	21.3	21.3	21.3	
CT17	Default industrial noise	Area	21.6	21.6	21.6	
CT18	Default industrial noise	Area	22.4	22.4	22.4	
Receiver NM3 - North 144th Drive 10315 Fl G Leq,d 41.0 dB(A) Leq,e 41.0 dB(A) Leq,n 41.0 dB(A)						
Generator 1	Default industrial noise	Area	20.4	20.4	20.4	
Generator 4	Default industrial noise	Area	25.3	25.3	25.3	
Generator 3	Default industrial noise	Area	22.3	22.3	22.3	
Generator 2	Default industrial noise	Area	21.6	21.6	21.6	
Chillers	Default industrial noise	Area	17.2	17.2	17.2	
Chillers	Default industrial noise	Area	17.2	17.2	17.2	
Chillers	Default industrial noise	Area	18.3	18.3	18.3	
Chillers	Default industrial noise	Area	18.3	18.3	18.3	
Chillers	Default industrial noise	Area	17.4	17.4	17.4	
Chillers	Default industrial noise	Area	17.4	17.4	17.4	
Chillers	Default industrial noise	Area	17.5	17.5	17.5	
Chillers	Default industrial noise	Area	17.5	17.5	17.5	
Chillers	Default industrial noise	Area	16.9	16.9	16.9	
Chillers	Default industrial noise	Area	17.0	17.0	17.0	
Chillers	Default industrial noise	Area	17.0	17.0	17.0	
Chillers	Default industrial noise	Area	17.1	17.1	17.1	
Chillers	Default industrial noise	Area	17.1	17.1	17.1	
Chillers	Default industrial noise	Area	17.2	17.2	17.2	
Chillers	Default industrial noise	Area	17.2	17.2	17.2	
Chillers	Default industrial noise	Area	18.2	18.2	18.2	
Chillers	Default industrial noise	Area	17.6	17.6	17.6	
Chillers	Default industrial noise	Area	17.7	17.7	17.7	
Chillers	Default industrial noise	Area	17.8	17.8	17.8	
Chillers	Default industrial noise	Area	17.8	17.8	17.8	
Chillers	Default industrial noise	Area	17.8	17.8	17.8	
Chillers	Default industrial noise	Area	17.8	17.8	17.8	
Chillers	Default industrial noise	Area	17.9	17.9	17.9	
Chillers	Default industrial noise	Area	17.9	17.9	17.9	
Chillers	Default industrial noise	Area	18.3	18.3	18.3	
Chillers	Default industrial noise	Area	18.3	18.3	18.3	
Chillers	Default industrial noise	Area	17.5	17.5	17.5	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	17.5	17.5	17.5	
Chillers	Default industrial noise	Area	17.6	17.6	17.6	
Chillers	Default industrial noise	Area	17.6	17.6	17.6	
Chillers	Default industrial noise	Area	17.6	17.6	17.6	
Chillers	Default industrial noise	Area	17.6	17.6	17.6	
Chillers	Default industrial noise	Area	18.1	18.1	18.1	
Chillers	Default industrial noise	Area	18.1	18.1	18.1	
Chillers	Default industrial noise	Area	18.2	18.2	18.2	
Chillers	Default industrial noise	Area	18.2	18.2	18.2	
Chillers	Default industrial noise	Area	18.3	18.3	18.3	
Chillers	Default industrial noise	Area	18.2	18.2	18.2	
Chillers	Default industrial noise	Area	18.3	18.3	18.3	
Chillers	Default industrial noise	Area	18.3	18.3	18.3	
Chillers	Default industrial noise	Area	19.8	19.8	19.8	
Chillers	Default industrial noise	Area	19.8	19.8	19.8	
Chillers	Default industrial noise	Area	20.3	20.3	20.3	
Chillers	Default industrial noise	Area	20.3	20.3	20.3	
Chillers	Default industrial noise	Area	20.3	20.3	20.3	
Chillers	Default industrial noise	Area	20.0	20.0	20.0	
Chillers	Default industrial noise	Area	20.4	20.4	20.4	
Chillers	Default industrial noise	Area	20.4	20.4	20.4	
Chillers	Default industrial noise	Area	21.1	21.1	21.1	
Chillers	Default industrial noise	Area	21.2	21.2	21.2	
Chillers	Default industrial noise	Area	21.2	21.2	21.2	
Chillers	Default industrial noise	Area	21.2	21.2	21.2	
Chillers	Default industrial noise	Area	21.3	21.3	21.3	
Chillers	Default industrial noise	Area	21.2	21.2	21.2	
Chillers	Default industrial noise	Area	21.3	21.3	21.3	
Chillers	Default industrial noise	Area	21.3	21.3	21.3	
Chillers	Default industrial noise	Area	20.5	20.5	20.5	
Chillers	Default industrial noise	Area	20.6	20.6	20.6	
Chillers	Default industrial noise	Area	20.6	20.6	20.6	
Chillers	Default industrial noise	Area	20.6	20.6	20.6	
Chillers	Default industrial noise	Area	20.6	20.6	20.6	
Chillers	Default industrial noise	Area	21.3	21.3	21.3	
Chillers	Default industrial noise	Area	21.3	21.3	21.3	
Chillers	Default industrial noise	Area	21.3	21.3	21.3	
Chillers	Default industrial noise	Area	21.3	21.3	21.3	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	21.3	21.3	21.3	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	21.4	21.4	21.4	
Chillers	Default industrial noise	Area	6.4	6.4	6.4	
Chillers	Default industrial noise	Area	6.1	6.1	6.1	
Chillers	Default industrial noise	Area	7.1	7.1	7.1	
Chillers	Default industrial noise	Area	7.1	7.1	7.1	
Chillers	Default industrial noise	Area	7.3	7.3	7.3	
Chillers	Default industrial noise	Area	7.3	7.3	7.3	
Chillers	Default industrial noise	Area	7.2	7.2	7.2	
Chillers	Default industrial noise	Area	6.2	6.2	6.2	
Chillers	Default industrial noise	Area	10.9	10.9	10.9	
Chillers	Default industrial noise	Area	10.8	10.8	10.8	
Chillers	Default industrial noise	Area	11.1	11.1	11.1	
Chillers	Default industrial noise	Area	11.1	11.1	11.1	
Chillers	Default industrial noise	Area	11.1	11.1	11.1	
Chillers	Default industrial noise	Area	10.8	10.8	10.8	
Chillers	Default industrial noise	Area	10.9	10.9	10.9	
Chillers	Default industrial noise	Area	10.9	10.9	10.9	
Chillers	Default industrial noise	Area	6.2	6.2	6.2	
Chillers	Default industrial noise	Area	6.1	6.1	6.1	
Chillers	Default industrial noise	Area	7.5	7.5	7.5	
Chillers	Default industrial noise	Area	7.5	7.5	7.5	
Chillers	Default industrial noise	Area	7.5	7.5	7.5	
Chillers	Default industrial noise	Area	7.4	7.4	7.4	
Chillers	Default industrial noise	Area	7.4	7.4	7.4	
Chillers	Default industrial noise	Area	6.2	6.2	6.2	
Chillers	Default industrial noise	Area	11.0	11.0	11.0	
Chillers	Default industrial noise	Area	11.0	11.0	11.0	
Chillers	Default industrial noise	Area	11.4	11.4	11.4	
Chillers	Default industrial noise	Area	11.4	11.4	11.4	
Chillers	Default industrial noise	Area	11.3	11.3	11.3	
Chillers	Default industrial noise	Area	11.1	11.1	11.1	
Chillers	Default industrial noise	Area	11.0	11.0	11.0	
Chillers	Default industrial noise	Area	11.0	11.0	11.0	
Chillers	Default industrial noise	Area	6.2	6.2	6.2	
Chillers	Default industrial noise	Area	6.0	6.0	6.0	
Chillers	Default industrial noise	Area	7.4	7.4	7.4	
Chillers	Default industrial noise	Area	7.3	7.3	7.3	
Chillers	Default industrial noise	Area	7.5	7.5	7.5	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	7.5	7.5	7.5	
Chillers	Default industrial noise	Area	7.3	7.3	7.3	
Chillers	Default industrial noise	Area	6.3	6.3	6.3	
Chillers	Default industrial noise	Area	11.1	11.1	11.1	
Chillers	Default industrial noise	Area	11.1	11.1	11.1	
Chillers	Default industrial noise	Area	11.3	11.3	11.3	
Chillers	Default industrial noise	Area	11.4	11.4	11.4	
Chillers	Default industrial noise	Area	11.4	11.4	11.4	
Chillers	Default industrial noise	Area	11.1	11.1	11.1	
Chillers	Default industrial noise	Area	11.1	11.1	11.1	
Chillers	Default industrial noise	Area	11.1	11.1	11.1	
Chillers	Default industrial noise	Area	6.3	6.3	6.3	
Chillers	Default industrial noise	Area	6.5	6.5	6.5	
Chillers	Default industrial noise	Area	7.5	7.5	7.5	
Chillers	Default industrial noise	Area	7.5	7.5	7.5	
Chillers	Default industrial noise	Area	7.4	7.4	7.4	
Chillers	Default industrial noise	Area	7.5	7.5	7.5	
Chillers	Default industrial noise	Area	7.5	7.5	7.5	
Chillers	Default industrial noise	Area	6.5	6.5	6.5	
Chillers	Default industrial noise	Area	11.2	11.2	11.2	
Chillers	Default industrial noise	Area	11.2	11.2	11.2	
Chillers	Default industrial noise	Area	11.5	11.5	11.5	
Chillers	Default industrial noise	Area	11.5	11.5	11.5	
Chillers	Default industrial noise	Area	11.5	11.5	11.5	
Chillers	Default industrial noise	Area	11.3	11.3	11.3	
Chillers	Default industrial noise	Area	11.3	11.3	11.3	
Chillers	Default industrial noise	Area	11.3	11.3	11.3	
Chillers	Default industrial noise	Area	6.7	6.7	6.7	
Chillers	Default industrial noise	Area	6.7	6.7	6.7	
Chillers	Default industrial noise	Area	7.7	7.7	7.7	
Chillers	Default industrial noise	Area	7.8	7.8	7.8	
Chillers	Default industrial noise	Area	7.8	7.8	7.8	
Chillers	Default industrial noise	Area	7.7	7.7	7.7	
Chillers	Default industrial noise	Area	7.7	7.7	7.7	
Chillers	Default industrial noise	Area	6.8	6.8	6.8	
Chillers	Default industrial noise	Area	11.3	11.3	11.3	
Chillers	Default industrial noise	Area	11.3	11.3	11.3	
Chillers	Default industrial noise	Area	11.6	11.6	11.6	
Chillers	Default industrial noise	Area	11.6	11.6	11.6	
Chillers	Default industrial noise	Area	11.6	11.6	11.6	
Chillers	Default industrial noise	Area	11.3	11.3	11.3	
Chillers	Default industrial noise	Area	11.4	11.4	11.4	
Chillers	Default industrial noise	Area	11.4	11.4	11.4	
Chillers	Default industrial noise	Area	13.7	13.7	13.7	
Chillers	Default industrial noise	Area	13.7	13.7	13.7	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	13.8	13.8	13.8	
Chillers	Default industrial noise	Area	13.8	13.8	13.8	
Chillers	Default industrial noise	Area	13.8	13.8	13.8	
Chillers	Default industrial noise	Area	13.8	13.8	13.8	
Chillers	Default industrial noise	Area	13.9	13.9	13.9	
Chillers	Default industrial noise	Area	13.9	13.9	13.9	
Chillers	Default industrial noise	Area	13.5	13.5	13.5	
Chillers	Default industrial noise	Area	13.5	13.5	13.5	
Chillers	Default industrial noise	Area	13.6	13.6	13.6	
Chillers	Default industrial noise	Area	13.6	13.6	13.6	
Chillers	Default industrial noise	Area	13.6	13.6	13.6	
Chillers	Default industrial noise	Area	13.6	13.6	13.6	
Chillers	Default industrial noise	Area	13.7	13.7	13.7	
Chillers	Default industrial noise	Area	13.7	13.7	13.7	
Chillers	Default industrial noise	Area	14.0	14.0	14.0	
Chillers	Default industrial noise	Area	14.0	14.0	14.0	
Chillers	Default industrial noise	Area	14.0	14.0	14.0	
Chillers	Default industrial noise	Area	14.1	14.1	14.1	
Chillers	Default industrial noise	Area	14.1	14.1	14.1	
Chillers	Default industrial noise	Area	14.1	14.1	14.1	
Chillers	Default industrial noise	Area	14.1	14.1	14.1	
Chillers	Default industrial noise	Area	14.1	14.1	14.1	
Chillers	Default industrial noise	Area	13.7	13.7	13.7	
Chillers	Default industrial noise	Area	13.8	13.8	13.8	
Chillers	Default industrial noise	Area	13.8	13.8	13.8	
Chillers	Default industrial noise	Area	13.8	13.8	13.8	
Chillers	Default industrial noise	Area	14.5	14.5	14.5	
Chillers	Default industrial noise	Area	15.8	15.8	15.8	
Chillers	Default industrial noise	Area	15.9	15.9	15.9	
Chillers	Default industrial noise	Area	15.9	15.9	15.9	
Chillers	Default industrial noise	Area	14.2	14.2	14.2	
Chillers	Default industrial noise	Area	14.2	14.2	14.2	
Chillers	Default industrial noise	Area	14.3	14.3	14.3	
Chillers	Default industrial noise	Area	14.3	14.3	14.3	
Chillers	Default industrial noise	Area	14.3	14.3	14.3	
Chillers	Default industrial noise	Area	15.9	15.9	15.9	
Chillers	Default industrial noise	Area	15.9	15.9	15.9	
Chillers	Default industrial noise	Area	16.0	16.0	16.0	
Chillers	Default industrial noise	Area	15.9	15.9	15.9	
Chillers	Default industrial noise	Area	16.0	16.0	16.0	
Chillers	Default industrial noise	Area	16.0	16.0	16.0	
Chillers	Default industrial noise	Area	16.0	16.0	16.0	
Chillers	Default industrial noise	Area	16.0	16.0	16.0	
Chillers	Default industrial noise	Area	16.0	16.0	16.0	
Chillers	Default industrial noise	Area	16.0	16.0	16.0	

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)
Chillers	Default industrial noise	Area	16.1	16.1	16.1
Chillers	Default industrial noise	Area	16.0	16.0	16.0
Chillers	Default industrial noise	Area	16.0	16.0	16.0
Chillers	Default industrial noise	Area	16.1	16.1	16.1
Chillers	Default industrial noise	Area	16.1	16.1	16.1
Chillers	Default industrial noise	Area	16.1	16.1	16.1
Chillers	Default industrial noise	Area	16.1	16.1	16.1
Chillers	Default industrial noise	Area	16.1	16.1	16.1
Chillers	Default industrial noise	Area	16.1	16.1	16.1
Chillers	Default industrial noise	Area	16.1	16.1	16.1
Chillers	Default industrial noise	Area	16.1	16.1	16.1
Chillers	Default industrial noise	Area	16.1	16.1	16.1
Chillers	Default industrial noise	Area	16.2	16.2	16.2
Chillers	Default industrial noise	Area	16.2	16.2	16.2
Chillers	Default industrial noise	Area	16.2	16.2	16.2
Chillers	Default industrial noise	Area	16.2	16.2	16.2
Chillers	Default industrial noise	Area	16.2	16.2	16.2
Chillers	Default industrial noise	Area	16.1	16.1	16.1
Chillers	Default industrial noise	Area	16.1	16.1	16.1
Chillers	Default industrial noise	Area	16.2	16.2	16.2
Chillers	Default industrial noise	Area	16.2	16.2	16.2
Chillers	Default industrial noise	Area	16.2	16.2	16.2
Chillers	Default industrial noise	Area	16.2	16.2	16.2
Chillers	Default industrial noise	Area	16.2	16.2	16.2
Chillers	Default industrial noise	Area	16.2	16.2	16.2
Chillers	Default industrial noise	Area	16.2	16.2	16.2
Chillers	Default industrial noise	Area	16.2	16.2	16.2
Chillers	Default industrial noise	Area	16.2	16.2	16.2
Chillers	Default industrial noise	Area	16.2	16.2	16.2
Chillers	Default industrial noise	Area	16.2	16.2	16.2
Chillers	Default industrial noise	Area	16.2	16.2	16.2
Chillers	Default industrial noise	Area	16.3	16.3	16.3
Chillers	Default industrial noise	Area	16.2	16.2	16.2
Chillers	Default industrial noise	Area	4.1	4.1	4.1
Chillers	Default industrial noise	Area	4.0	4.0	4.0
Chillers	Default industrial noise	Area	5.3	5.3	5.3
Chillers	Default industrial noise	Area	5.1	5.1	5.1
Chillers	Default industrial noise	Area	5.1	5.1	5.1
Chillers	Default industrial noise	Area	5.1	5.1	5.1
Chillers	Default industrial noise	Area	5.1	5.1	5.1
Chillers	Default industrial noise	Area	4.0	4.0	4.0
Chillers	Default industrial noise	Area	8.5	8.5	8.5
Chillers	Default industrial noise	Area	8.5	8.5	8.5
Chillers	Default industrial noise	Area	8.8	8.8	8.8
Chillers	Default industrial noise	Area	8.8	8.8	8.8

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	8.8	8.8	8.8	
Chillers	Default industrial noise	Area	8.5	8.5	8.5	
Chillers	Default industrial noise	Area	8.5	8.5	8.5	
Chillers	Default industrial noise	Area	8.5	8.5	8.5	
Chillers	Default industrial noise	Area	3.7	3.7	3.7	
Chillers	Default industrial noise	Area	3.9	3.9	3.9	
Chillers	Default industrial noise	Area	4.9	4.9	4.9	
Chillers	Default industrial noise	Area	4.8	4.8	4.8	
Chillers	Default industrial noise	Area	4.9	4.9	4.9	
Chillers	Default industrial noise	Area	5.0	5.0	5.0	
Chillers	Default industrial noise	Area	4.9	4.9	4.9	
Chillers	Default industrial noise	Area	4.1	4.1	4.1	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	8.7	8.7	8.7	
Chillers	Default industrial noise	Area	8.8	8.8	8.8	
Chillers	Default industrial noise	Area	8.7	8.7	8.7	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	8.5	8.5	8.5	
Chillers	Default industrial noise	Area	4.0	4.0	4.0	
Chillers	Default industrial noise	Area	4.1	4.1	4.1	
Chillers	Default industrial noise	Area	5.1	5.1	5.1	
Chillers	Default industrial noise	Area	5.0	5.0	5.0	
Chillers	Default industrial noise	Area	5.1	5.1	5.1	
Chillers	Default industrial noise	Area	5.1	5.1	5.1	
Chillers	Default industrial noise	Area	5.1	5.1	5.1	
Chillers	Default industrial noise	Area	3.9	3.9	3.9	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	8.7	8.7	8.7	
Chillers	Default industrial noise	Area	8.7	8.7	8.7	
Chillers	Default industrial noise	Area	8.7	8.7	8.7	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	3.9	3.9	3.9	
Chillers	Default industrial noise	Area	3.9	3.9	3.9	
Chillers	Default industrial noise	Area	5.0	5.0	5.0	
Chillers	Default industrial noise	Area	5.0	5.0	5.0	
Chillers	Default industrial noise	Area	4.8	4.8	4.8	
Chillers	Default industrial noise	Area	4.7	4.7	4.7	
Chillers	Default industrial noise	Area	4.9	4.9	4.9	
Chillers	Default industrial noise	Area	3.9	3.9	3.9	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	

Baccara Gas Turbine
Contribution level - Exterior Noise

Source	Source group	Source ty	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	8.8	8.8	8.8	
Chillers	Default industrial noise	Area	8.7	8.7	8.7	
Chillers	Default industrial noise	Area	8.7	8.7	8.7	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	3.9	3.9	3.9	
Chillers	Default industrial noise	Area	3.8	3.8	3.8	
Chillers	Default industrial noise	Area	4.9	4.9	4.9	
Chillers	Default industrial noise	Area	4.8	4.8	4.8	
Chillers	Default industrial noise	Area	4.9	4.9	4.9	
Chillers	Default industrial noise	Area	5.0	5.0	5.0	
Chillers	Default industrial noise	Area	5.0	5.0	5.0	
Chillers	Default industrial noise	Area	4.5	4.5	4.5	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	8.7	8.7	8.7	
Chillers	Default industrial noise	Area	8.6	8.6	8.6	
Chillers	Default industrial noise	Area	8.7	8.7	8.7	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	8.4	8.4	8.4	
Chillers	Default industrial noise	Area	8.5	8.5	8.5	
Substation	Default industrial noise	Area	24.3	24.3	24.3	
CT1	Default industrial noise	Area	12.5	12.5	12.5	
CT2	Default industrial noise	Area	12.4	12.4	12.4	
CT3	Default industrial noise	Area	11.9	11.9	11.9	
CT4	Default industrial noise	Area	11.8	11.8	11.8	
CT5	Default industrial noise	Area	11.3	11.3	11.3	
CT6	Default industrial noise	Area	11.3	11.3	11.3	
CT7	Default industrial noise	Area	10.8	10.8	10.8	
CT8	Default industrial noise	Area	10.8	10.8	10.8	
CT9	Default industrial noise	Area	10.2	10.2	10.2	
CT10	Default industrial noise	Area	10.2	10.2	10.2	
CT11	Default industrial noise	Area	9.7	9.7	9.7	
CT12	Default industrial noise	Area	9.6	9.6	9.6	
CT13	Default industrial noise	Area	9.2	9.2	9.2	
CT14	Default industrial noise	Area	9.2	9.2	9.2	
CT15	Default industrial noise	Area	8.7	8.7	8.7	
CT16	Default industrial noise	Area	8.7	8.7	8.7	
CT17	Default industrial noise	Area	8.3	8.3	8.3	
CT18	Default industrial noise	Area	8.3	8.3	8.3	