Sound Levels at Greater Sage-grouse Leks in the Pinedale Anticline Project Area, WY, April, 2013–2015

May 13, 2016

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Summary
The Bureau of Land Management's Pinedale Anticline Project Area Supplement Environmental Impact Statement developed a "Wildlife Monitoring and Mitigation Matrix" that identifies specific species to be monitored as well as criteria to be measured and changes that will be monitored. Greater sage-grouse was identified as a species to be monitored, and one criterion for this species "Noise Levels."

The objective of this project was to monitor sound levels at 19 greater sage-grouse leks in the PAPA area south of Pinedale, WY. This is the third year monitoring sound levels at 19 leks in the PAPA.

A total of 4371 hours of acoustic data were collected at 19 leks in the PAPA from 2013-2015 (999 hours 2013, 1092 in 2014, 2280 in 2015). For all years, the median hourly L_{50} dBA for all leks was 26.0 dBA (range 17.5-36.9 dBA). Mean annual variability at leks was 3.9 dBA (range 1.3-9.9 dBA). Sound levels varied little among years except in situations where gas field activity changed significantly. Sound levels at leks were directly related to the distance to the nearest pad with gas field activity.

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Introduction

Greater sage-grouse (*Centrocercus urophasianus*) use elaborate audio and visual display behaviors to attract and select mates, and depend on audio communication between females and chicks during brood rearing. A potential threat to greater sage-grouse is anthropogenic noise associated with human activity, including noise from oil and gas development and production (Holloran 2005, BLM 2008, Patricelli et al. 2013).

The Bureau of Land Management's Pinedale Anticline Project Area Supplement Environmental Impact Statement (BLM 2008) developed a "Wildlife Monitoring and Mitigation Matrix" that identified specific species to be monitored as well as criteria to be measured and changes that will be monitored. Greater sage-grouse was identified as a species to be monitored, and one criterion for this species "Noise Levels."

This is the third year monitoring sound levels at 19 leks in the PAPA.

Objective

The objective of this project was to measure sound levels at 19 leks in the Pinedale Anticline Project Area (PAPA) during the lekking period.

Study Area

The study area was south of Pinedale, WY, in the Pinedale Anticline Project Area. The 19 leks studied were in the Mesa, Duke's Triangle, and Yellowpoint complexes.

Methods

Measurement Protocol

We followed "Procedures for Outdoor Measurement of Sound Pressure Level" (ANSI 1994) and acoustic measurement protocols developed for the Pinedale Anticline Project Office by Blickley and Patricelli (2012), "Noise monitoring recommendations for Greater Sage Grouse habitat in Wyoming." ANSI procedures recommend microphone heights of 1.2 m to 1.8 m but these were developed to assess noise impacts to humans. ANSI standards also state: "Other heights may be used if they prove to be more practicable or if they are specified in other pertinent standards" (ANSI 1994, Section 7.3.2.4). Several authors recommend that in wildlife acoustic studies microphones be placed such that sound level measurements accurately reflect sound stimulus to which the target animal is exposed (Pater et al. 2009; Grubb et al. 1998, Delaney et al. 2009, Delaney et al. 2011; Blickley and Patricelli 2013). The approximate ear height of greater sage-grouse is 0.3 m (12"); therefore, microphones were placed 0.3 m above the ground. Standardizing microphone height at 0.3 m for acoustic studies relative to greater sage-grouse is consistent with flexibility and guidance provided by ANSI (1994, Section 7.3.2.4).

Leks in the PAPA are situated in a variety of terrain situations, including valley floors, hillsides, and ridges. Most leks are open areas surrounded by sage vegetation. Equipment was placed at the perimeter of the lek, in sage vegetation typical of that surrounding the lek and not visible to grouse (Figure 1). Locations were selected to minimize potential influence on grouse behavior while capturing sound levels that grouse experience. The average distance from the center of the lek to the microphone in 2015 was 62 m.

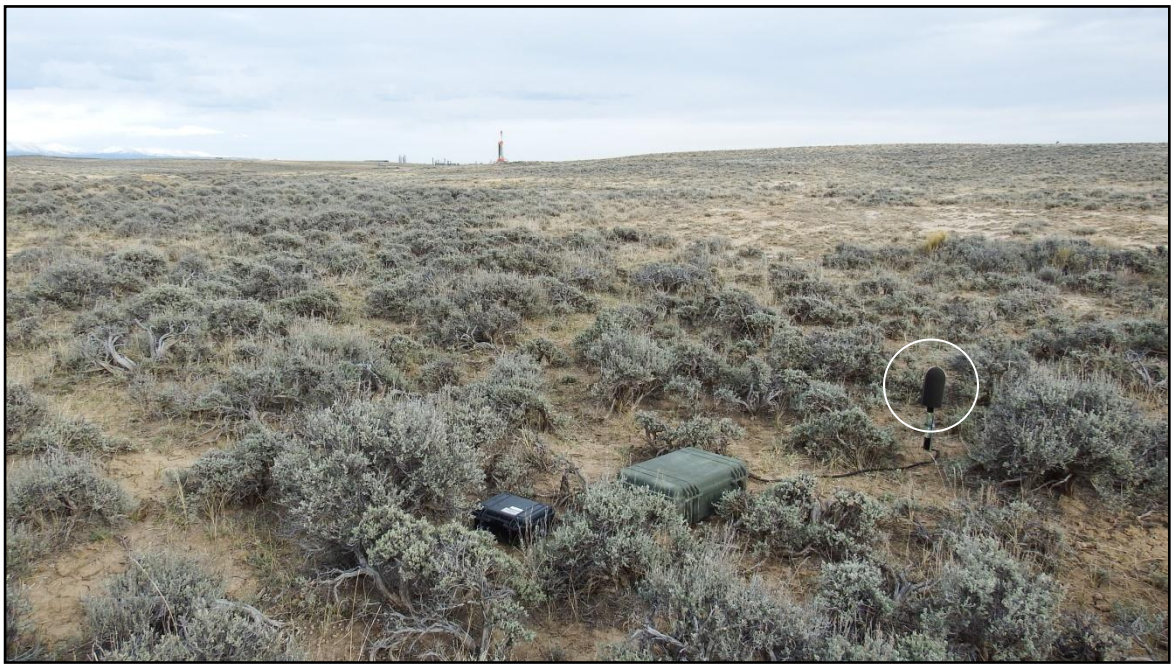

Figure 1. Typical equipment deployment near lek, showing case (sound level meter, digital recorder, battery) and microphone with foam windscreen and bird spike (in circle) at 0.3 m above ground. Lek is open area in background.

Instrumentation

The project used Larson-Davis 831 sound level meters with PCB 377B20 microphones, Larson-Davis PRM831 preamplifiers, and Larson-Davis EPS2106 Environmental Shrouds (foam windscreen and bird spike). All acoustic equipment used for data collection (sound level meters, microphones, and preamplifiers) met or exceeded ANSI S1.4-1983 Type 1 standards. One-third octave band analyzers and dBA analyzers met ANSI S1.11-2004 and ANSI S1.42-2001, respectively. All acoustic equipment and field calibrators were calibrated to meet ANSI S1.40-2006 prior to deployment. All systems and calibrators were factory calibrated as recommended by the manufacturer, and all systems were field calibrated at the beginning and end of each measurement period at each location using a field calibrator that met ANSI S1.40-1984 standards. All system components (SLM, digital recorder, and anemometer) were synchronized with GPS time, and differences at the end of the measurement period noted. We used a Bruel and Kjaer (B&K) Acoustic Calibrator Type 4231 for field calibration.

We also collected continuous digital recordings at all measurement locations (MP3, 128 kbps). We used Roland R05 digital recorders, and used the microphone output from the sound level meters for input to the R05 recorder. Recordings were used to review unusual sound events and to determine sound sources and the percent time that various sound sources were audible.

Sound level meters were set to collect 1-second dBA, dBF, and dBC, as well as unweighted one-third octave band data, 12.5-20,000 Hz. We expected sound levels at some locations to be very low (<15 dBA) in some areas, so sound level meters were set to "low-range" with a gain of +20 dB. These settings ensured meters would collect data at the lowest measurement limit for these systems (approximately 13.5 dBA).

Data Analysis

For every hour (3600 seconds of data), L_{min}, L_{max}, L_{eq}, L_{10}, L_{50}, and L_{90} were calculated. L_{min} and L_{max} were the minimum and maximum levels for that hour. L_{eq} was the energy average (a logarithmic average) of that hour. L_{10}, L_{50}, and L_{90} were levels exceeded 10%, 50%, and 90% of the time during that hour. All of our data sets were for multi-day periods, and summary hourly metrics for each site were calculated as follows. L_{min} and L_{max} were the minimum and maximum levels of all 0800 hours, all 0900 hours, all 1000 hours, etc., during the measurement period. Summary hourly and summary site metrics (L_{eq}, L_{10}, L_{50}, and L_{90}) for each hour of day (0800, 0900, 1000, etc.), were calculated using the median L_{eq}, L_{10}, L_{50}, and L_{90} of all 0800 hours, all 0900 hours, all 1000 hours, etc.

For each site, summary metrics for two time periods were calculated, all hours (0000-2400) and lekking hours (1800-0800). The time period 1800-0800 is specified in the Wyoming Governor's Executive Order 2015-4 relative to greater sage-grouse and noise levels (Mead 2015).

Measurement Locations

We collected acoustic data at 19 greater sage-grouse leks in the PAPA in April 2013-2015 (Table 1). These leks were in the Mesa (9), Duke's Triangle (3), and Yellowpoint (7) complexes. Sound level meters were placed at the perimeter of each lek, and averaged 62 m from the center point of the lek in 2015 (lek center and boundary defined by WGFD). Exact measurement locations are not provided in this report due to security concerns regarding lek locations.

Measurement Schedule

Wyoming Governor's Executive Order 2011-5 (Mead 2011) stipulates that sound levels shall be measured "during the initiation of breeding (March 1 – May 15)," so all measurements were made in the month of April during the years 2013-2015. Our goal was to collect a minimum of 48 hours at each lek in each year in order to account for variability in sound levels due to natural causes (meteorological conditions, birds singing near the equipment, etc.). Very short measurement periods of only a few hours could significantly over- or under-estimate actual long-term sound levels. In 2015, we collected ≥7 days of data at leks (n=11) where grouse were observed in 2014 in order to review variability over time at these leks.

More detailed Methods and Definitions are provided in 2013 and 2014 reports (Ambrose and Florian 2014, Ambrose et al. 2015)

Results

Data Collection

Acoustic data were collected at 19 greater sage-grouse leks in the PAPA in April 2013-2015. A total of 4371 hours of acoustic data were collected (999 hours 2013, 1092 in 2014, and 2280 hours in 2015) (Table 1).

Sound Levels

The median L_{50} dBA for all leks for the years 2013-2015 was 26.0 dBA (range 17.5-36.9). The median L_{50} dBA for lekking hours (1800-0800) was 25.8 dBA (range 16.0-38.5). Sound levels at leks varied according to the distance and type of gas field activity. There was little difference between L_{50} dBA for all hours (0000-2400) compared to lekking hours (1800-0800), due primarily to gas field sounds being generally continuous. L_{50} dBA site summary metrics for two time periods (0000-2400 and 1800-0800) for PAPA leks, April 2013-2015, are shown in Tables 2-3. Hourly dBA metrics for each lek for 2013-2015 are presented in Appendices A.

Table 1. Hours of acoustic data collected at each lek by year, PAPA, April 2013-2015.

Site Num.	Lek Name	2013	2014	2015
PAPA001	Big Fred	47	43	48
PAPA002	Little Fred	47	45	25
PAPA003	Lower Sand Springs	50	48	193
PAPA004	Two Buttes	75	46	169
PAPA005	Mesa Spring	75	68	68
PAPA006	Lovatt Draw Res.	59	42	48
PAPA007	Shelter Cabin Res.	49	43	188
PAPA008	The Rocks	50	98	48
PAPA009	South Rocks	50	61	191
PAPA010	Stud Horse Butte	49	98	48
PAPA011	Little Saddle	47	18	167
PAPA012	Alkali Draw	46	68	189
PAPA013	Sand Draw	46	68	96
PAPA014	Lovatt West	75	43	64
PAPA015	Cat	49	44	50
PAPA016	Tyler Draw North	46	108	167
PAPA017	Oil Fork Road	46	59	194
PAPA018	Mesa Road 3	47	46	164
PAPA019	Bloom Res. Sat.	46	46	163
Total Hours		999	1092	2280

Table 2. Median L_{50} dBA, 0000-2400, at 19 PAPA leks, for April 2013, 2014, and 2015, and median at each lek for all hours, all years.

		L50 dBA, 0000-2400				
Lek Num.	Lek Name	2013	2014	2015	Max. Diff.	Median All Hrs.*
PAPA001	Big Fred	36.9	27.0	30.4	9.9	31.0
PAPA002	Little Fred	28.4	23.6	27.7	4.8	26.1
PAPA003	Lower Sand Springs	28.4	28.5	29.6	1.3	29.2
PAPA004	Two Buttes	26.4	24.5	21.8	4.6	23.5
PAPA005	Mesa Spring	30.0	24.9	27.0	5.1	28.3
PAPA006	Lovatt Draw Res.	32.0	30.9	28.6	3.4	30.2
PAPA007	Shelter Cabin Res.	26.0	27.0	29.7	3.7	28.3
PAPA008	The Rocks	26.2	25.4	30.1	4.7	27.2
PAPA009	South Rocks	26.2	25.6	28.5	2.9	27.5
PAPA010	Stud Horse Butte	27.3	30.4	25.9	4.5	28.7
PAPA011	Little Saddle	22.3	18.4	21.3	4.0	21.6
PAPA012	Alkali Draw	23.3	18.4	23.0	4.9	22.6
PAPA013	Sand Draw	27.3	23.8	28.6	4.8	27.0
PAPA014	Lovatt West	29.6	29.2	27.7	1.9	29.0
PAPA015	Cat	17.5	20.1	20.2	2.7	19.1
PAPA016	Tyler Draw North	21.8	22.9	21.1	1.8	21.6
PAPA017	Oil Fork Road	24.9	28.0	26.0	3.2	26.0
PAPA018	Mesa Road 3	24.1	20.7	21.2	3.5	21.5
PAPA019	Bloom Res. Sat.	22.0	18.6	19.3	3.4	19.7

* Median of all hours, all years

Table 3. Median L_{50} dBA, 1800-0800, at 19 PAPA leks, for April 2013, 2014, and 2015, and median at each lek for all hours, all years.

		L50 dBA, 1800-0800				
Lek Num.	Lek Name	2013	2014	2015	Max. Diff.	Median All Hrs.*
PAPA001	Big Fred	38.5	26.2	32.2	12.3	32.3
PAPA002	Little Fred	28.9	23.8	30.5	6.7	26.7
PAPA003	Lower Sand Springs	28.9	29.5	30.6	1.7	30.2
PAPA004	Two Buttes	26.1	23.1	21.9	4.2	23.1
PAPA005	Mesa Spring	29.9	25.1	25.8	4.8	27.8
PAPA006	Lovatt Draw Res.	32.6	31.5	29.0	3.6	30.5
PAPA007	Shelter Cabin Res.	24.1	27.1	30.0	5.9	28.7
PAPA008	The Rocks	24.5	24.2	30.8	6.6	25.8
PAPA009	South Rocks	25.3	25.7	28.3	3.0	27.5
PAPA010	Stud Horse Butte	26.7	29.8	27.6	3.2	28.7
PAPA011	Little Saddle	21.9	17.7	20.5	4.3	20.5
PAPA012	Alkali Draw	22.2	18.1	22.7	4.7	22.3
PAPA013	Sand Draw	25.9	26.0	29.0	3.1	27.0
PAPA014	Lovatt West	30.1	30.0	29.4	0.8	29.8
PAPA015	Cat	16.0	18.0	17.7	2.0	17.1
PAPA016	Tyler Draw North	20.5	21.1	20.7	0.6	20.8
PAPA017	Oil Fork Road	25.3	31.1	27.8	5.8	28.0
PAPA018	Mesa Road 3	25.7	16.9	21.1	8.8	21.1
PAPA019	Bloom Res. Sat.	23.0	16.1	18.9	6.9	19.1

* Median of all hours, all years

Discussion

Sound Levels at PAPA Leks, 2013-2015

Sound levels at each lek in the PAPA were generally similar for all years, except when nearby gas field operations changed significantly. The mean difference in L_{50} dBA from 2013-2015 for all hours was 3.9 dBA (range 1.3-9.9). The maximum difference (9.9 dBA) was due to a drill rig being near a lek (Big Fred) in 2013, but not in 2014 and 2015.

Sound Levels and Distance to Pad

L_{50} dBA and distance to pad were highly correlated (median L_{50} dBA, all years: R^2 = 0.708, $P \leq 0.001$). Although sound levels at each pad varied due to the type of activity at that pad, and attenuation rates at each lek varied due to terrain and other variables, in general, the closer the lek was to a pad with some type of activity, the higher the L_{50} dBA (Figure 2).

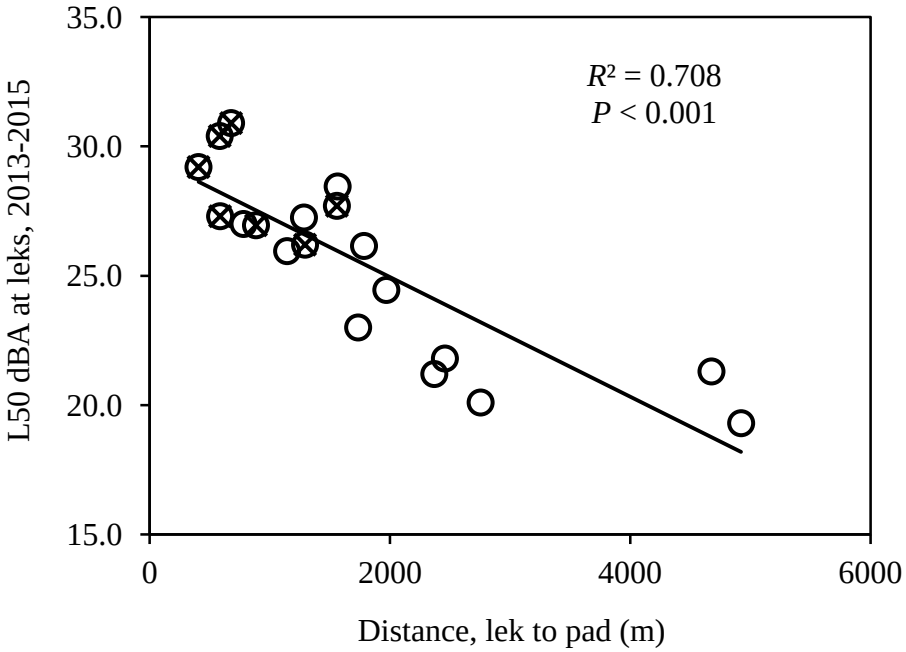

Figure 2. Mean L_{50} dBA at leks relative to distance to pad with some type of gas field activity, PAPA, 2013-2015 (circle with x indicates no grouse at lek).

Sound Levels at Mowed Areas

In 2015, areas near three existing leks (Little Fred, Lower Sand Springs Draw, and Oil Road Fork) were mowed in an attempt to create new lek areas. These new lek areas were created because gas field activities were planned near the current leks, and this was an effort to move grouse away from existing leks and approaching activity. Sound level measurements were conducted at two of these mowed areas, near Little Fred and Oil Road Fork leks. Sound levels were not substantially different at the Little Fred mowed area (Little Fred 2) (1.5 dBA higher at the mowed area), while at the Oil Road Fork area, sound levels were substantially lower at the mowed area (Oil Road Fork 2) (7 dBA less).

We suspect these differences in L_{50} dBA were due to distances to nearest pad. The Oil Road Fork mowed area was approximately twice as far from the nearest pad as the Oil Road Fork lek and one would expect a reduction of about 6 dBA at the mowed area (measured levels were 7 dBA different). The Little Fred mowed area, while farther from the pad nearest the Little Fred lek, was not substantially farther from two other active pads in the area, and thus sound levels were similar).

	L_{50} dBA (2015)
PAPA002 Little Fred	27.7 dBA
PAPA022 Little Fred 2 (1100 m north of Little Fred lek)	29.2 dBA
PAPA017 Oil Road Fork	26.0 dBA
PAPA021 Oil Road Fork 2 (1600 m NNW of Oil Road Fork lek)	19.0 dBA

Acknowledgements
Several individuals assisted us during this study, including Therese Hartman (WGFD), Dean Clause (WGFD), and Theresa Gulbrandson (BLM). We appreciate their help.

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Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA001	05-Apr-13	16	42.2	45.4	40.3	36.9	33.5	53.0
PAPA001	05-Apr-13	17	39.6	41.8	38.6	36.0	33.0	51.4
PAPA001	05-Apr-13	18	41.1	43.1	39.3	36.6	32.2	62.1
PAPA001	05-Apr-13	19	39.0	40.5	37.9	35.3	31.2	56.5
PAPA001	05-Apr-13	20	42.7	42.8	40.2	38.1	34.7	65.7
PAPA001	05-Apr-13	21	42.9	44.1	41.9	39.6	36.6	60.7
PAPA001	05-Apr-13	22	43.7	45.3	42.7	40.9	38.4	59.6
PAPA001	05-Apr-13	23	46.1	48.9	45.2	41.0	34.8	58.0
PAPA001	06-Apr-13	0	45.6	46.9	43.8	37.9	33.0	67.1
PAPA001	06-Apr-13	1	43.5	46.8	40.9	38.1	36.5	56.4
PAPA001	06-Apr-13	2	42.0	44.4	40.0	38.0	36.1	60.7
PAPA001	06-Apr-13	3	38.4	38.3	36.5	34.8	33.0	63.2
PAPA001	06-Apr-13	4	42.5	44.8	41.2	37.6	35.7	60.4
PAPA001	06-Apr-13	5	42.5	45.8	40.5	39.2	37.8	60.4
PAPA001	06-Apr-13	6	38.6	39.3	37.7	36.5	35.3	54.8
PAPA001	06-Apr-13	7	35.0	37.8	33.7	29.7	27.3	45.1
PAPA001	06-Apr-13	8	33.8	35.6	32.9	31.4	29.7	45.4
PAPA001	06-Apr-13	9	34.0	35.2	33.6	32.5	31.1	45.2
PAPA001	06-Apr-13	10	35.0	36.4	34.4	32.7	29.9	45.9
PAPA001	06-Apr-13	11	34.2	36.3	33.7	30.5	27.4	45.8
PAPA001	06-Apr-13	12	32.6	34.5	31.5	28.7	26.1	45.6
PAPA001	06-Apr-13	13	36.6	39.4	35.1	32.1	28.6	49.2
PAPA001	06-Apr-13	14	35.1	37.7	33.4	29.2	26.3	50.6
PAPA001	06-Apr-13	15	34.8	36.1	33.9	32.0	29.4	48.6
PAPA001	06-Apr-13	16	33.9	36.3	33.1	30.6	26.2	46.4
PAPA001	06-Apr-13	17	34.0	35.8	33.3	31.3	28.6	46.0
PAPA001	06-Apr-13	18	33.9	35.3	33.5	32.1	30.6	44.9
PAPA001	06-Apr-13	19	40.0	41.2	36.8	34.1	30.4	61.8
PAPA001	06-Apr-13	20	39.2	41.0	37.6	36.1	34.7	55.1
PAPA001	06-Apr-13	21	38.3	39.4	36.9	34.9	33.0	55.2
PAPA001	06-Apr-13	22	40.3	41.8	39.2	37.6	34.8	56.1
PAPA001	06-Apr-13	23	40.1	41.7	38.3	36.3	33.8	58.2
PAPA001	07-Apr-13	0	39.6	41.0	38.6	35.2	33.4	57.5
PAPA001	07-Apr-13	1	40.8	41.1	38.4	36.2	31.6	60.6
PAPA001	07-Apr-13	2	39.9	42.7	36.4	33.5	31.7	60.0
PAPA001	07-Apr-13	3	39.4	40.3	37.6	34.7	30.8	57.3
PAPA001	07-Apr-13	4	41.0	44.0	39.1	36.6	34.6	55.7
PAPA001	07-Apr-13	5	39.7	42.8	37.9	35.3	32.6	56.0
PAPA001	07-Apr-13	6	41.7	44.6	40.4	35.9	32.7	56.0
PAPA001	07-Apr-13	7	32.5	35.2	31.4	29.0	27.1	41.0
PAPA001	07-Apr-13	8	32.9	34.1	32.1	30.6	28.5	48.6
PAPA001	07-Apr-13	9	32.3	34.0	31.5	29.1	26.2	45.4
PAPA001	07-Apr-13	10	29.5	31.9	27.9	24.4	22.1	45.8
PAPA001	07-Apr-13	11	33.9	34.5	28.0	25.2	23.1	53.7
PAPA001	07-Apr-13	12	34.1	36.5	33.1	29.8	26.6	45.9

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA001	07-Apr-13	13	34.2	35.8	33.3	31.2	28.4	47.8
PAPA001	07-Apr-13	14	36.9	37.9	33.1	29.4	25.8	55.2
PAPA001	12-Apr-14	13	26.9	29.4	25.2	23.6	22.3	41.6
PAPA001	12-Apr-14	14	27.0	29.2	26.1	23.8	22.0	39.2
PAPA001	12-Apr-14	15	35.1	37.6	33.1	29.8	25.9	52.3
PAPA001	12-Apr-14	16	33.9	35.9	33.1	30.9	28.2	46.7
PAPA001	12-Apr-14	17	31.8	33.7	31.5	29.2	26.4	42.6
PAPA001	12-Apr-14	18	30.6	32.7	29.9	27.2	24.3	45.2
PAPA001	12-Apr-14	19	30.8	32.6	30.1	27.5	25.1	45.5
PAPA001	12-Apr-14	20	31.2	33.0	30.8	28.6	25.7	38.0
PAPA001	12-Apr-14	21	33.6	35.8	33.0	30.7	27.6	39.9
PAPA001	12-Apr-14	22	32.6	34.5	32.4	28.6	25.1	38.2
PAPA001	12-Apr-14	23	29.7	30.4	27.5	25.6	23.6	47.8
PAPA001	13-Apr-14	0	27.4	29.6	26.3	24.9	23.4	35.9
PAPA001	13-Apr-14	1	27.0	28.2	26.5	25.4	24.0	37.9
PAPA001	13-Apr-14	2	27.5	29.3	27.0	25.7	24.2	33.0
PAPA001	13-Apr-14	3	28.1	30.1	27.1	25.4	23.7	41.4
PAPA001	13-Apr-14	4	30.3	32.6	27.9	26.2	24.5	49.4
PAPA001	13-Apr-14	5	28.6	30.5	27.9	26.3	24.7	38.0
PAPA001	13-Apr-14	6	27.6	29.2	27.0	25.0	23.4	41.0
PAPA001	13-Apr-14	7	28.4	30.2	27.5	25.3	23.1	42.7
PAPA001	13-Apr-14	8	33.0	35.5	32.1	28.7	25.4	43.2
PAPA001	13-Apr-14	9	31.7	34.3	31.0	27.7	24.0	40.8
PAPA001	13-Apr-14	10	33.1	36.2	31.0	27.0	22.7	44.1
PAPA001	13-Apr-14	11	29.6	32.1	28.7	25.2	21.9	40.4
PAPA001	13-Apr-14	12	30.7	31.9	27.7	24.8	21.6	55.6
PAPA001	13-Apr-14	13	30.1	32.5	28.2	25.4	22.4	53.2
PAPA001	13-Apr-14	14	34.3	34.1	29.8	25.8	22.6	54.7
PAPA001	13-Apr-14	15	30.2	32.3	28.0	24.0	20.6	47.1
PAPA001	13-Apr-14	16	27.9	30.7	27.0	23.4	20.7	34.9
PAPA001	13-Apr-14	17	26.3	29.2	25.0	22.4	20.7	41.4
PAPA001	13-Apr-14	18	25.5	27.3	24.0	22.1	20.7	37.7
PAPA001	13-Apr-14	19	30.4	27.7	24.0	22.6	21.4	54.2
PAPA001	13-Apr-14	20	27.3	27.2	23.6	21.8	20.7	47.8
PAPA001	13-Apr-14	21	27.3	26.6	22.9	21.6	20.5	46.7
PAPA001	13-Apr-14	22	29.6	26.8	23.6	22.3	21.2	52.4
PAPA001	13-Apr-14	23	25.5	26.8	25.1	23.7	22.2	35.4
PAPA001	14-Apr-14	0	31.3	26.8	24.9	23.4	22.0	51.8
PAPA001	14-Apr-14	1	26.3	27.8	25.8	24.3	22.9	37.8
PAPA001	14-Apr-14	2	28.3	28.2	26.0	24.3	23.0	47.3
PAPA001	14-Apr-14	3	27.3	28.1	26.1	24.2	23.0	44.6
PAPA001	14-Apr-14	4	25.7	27.5	25.6	23.3	21.1	29.3
PAPA001	14-Apr-14	5	24.9	26.6	24.6	22.8	21.0	30.9
PAPA001	14-Apr-14	6	24.8	26.7	24.1	22.4	20.9	34.1
PAPA001	14-Apr-14	7	24.3	26.2	23.7	21.8	20.6	33.0
PAPA001	11-Apr-15	18	37.5	41.2	34.3	28.2	23.7	52.7

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA001	11-Apr-15	19	34.5	37.5	32.1	28.4	24.2	48.8
PAPA001	11-Apr-15	20	36.7	39.0	34.9	32.1	29.0	51.5
PAPA001	11-Apr-15	21	30.4	32.8	29.5	27.4	25.5	40.8
PAPA001	11-Apr-15	22	34.3	37.2	33.1	30.2	27.4	42.5
PAPA001	11-Apr-15	23	31.5	34.8	29.9	26.9	25.2	40.6
PAPA001	12-Apr-15	0	33.0	34.9	32.5	30.8	27.9	41.7
PAPA001	12-Apr-15	1	30.8	33.1	30.0	27.7	25.4	39.5
PAPA001	12-Apr-15	2	31.3	33.3	30.8	28.5	26.0	38.3
PAPA001	12-Apr-15	3	28.9	31.1	27.8	25.6	23.8	39.5
PAPA001	12-Apr-15	4	31.5	33.2	30.7	29.0	26.6	45.7
PAPA001	12-Apr-15	5	31.7	33.7	31.1	28.5	25.8	42.1
PAPA001	12-Apr-15	6	31.0	33.6	29.9	27.5	24.5	40.5
PAPA001	12-Apr-15	7	36.3	33.9	30.9	28.6	24.6	61.3
PAPA001	12-Apr-15	8	33.3	32.7	26.5	24.4	22.0	55.8
PAPA001	12-Apr-15	9	36.6	37.6	30.8	26.1	22.5	57.9
PAPA001	12-Apr-15	10	36.1	36.6	28.6	24.3	21.8	63.4
PAPA001	12-Apr-15	11	29.4	31.3	25.8	23.3	21.7	56.9
PAPA001	12-Apr-15	12	33.3	32.5	25.8	23.6	20.6	61.3
PAPA001	12-Apr-15	13	29.0	31.8	25.8	23.4	21.3	48.8
PAPA001	12-Apr-15	14	33.0	34.3	26.4	23.5	21.8	55.9
PAPA001	12-Apr-15	15	34.9	38.5	30.9	25.4	22.3	49.1
PAPA001	12-Apr-15	16	34.8	38.3	30.5	25.2	22.2	54.0
PAPA001	12-Apr-15	17	32.1	35.4	28.7	24.7	21.8	47.4
PAPA001	12-Apr-15	18	31.0	34.6	27.4	23.8	21.1	46.4
PAPA001	12-Apr-15	19	29.0	31.9	27.4	24.3	21.4	43.3
PAPA001	12-Apr-15	20	31.4	33.9	30.3	28.0	25.8	40.8
PAPA001	12-Apr-15	21	31.2	33.6	30.7	28.1	24.9	37.2
PAPA001	12-Apr-15	22	33.0	34.8	32.6	30.9	28.8	40.3
PAPA001	12-Apr-15	23	34.6	36.2	34.4	32.5	30.5	38.9
PAPA001	13-Apr-15	0	32.4	33.8	32.2	30.8	29.4	35.2
PAPA001	13-Apr-15	1	44.7	35.5	33.8	32.0	30.0	70.5
PAPA001	13-Apr-15	2	41.2	36.7	35.1	33.3	31.2	67.5
PAPA001	13-Apr-15	3	34.8	36.4	34.6	32.7	31.3	38.5
PAPA001	13-Apr-15	4	35.9	37.2	35.7	33.9	32.3	43.1
PAPA001	13-Apr-15	5	37.7	40.3	36.5	34.7	31.7	47.6
PAPA001	13-Apr-15	6	35.9	37.7	35.3	33.7	31.9	44.6
PAPA001	13-Apr-15	7	40.4	38.7	35.9	34.0	32.1	61.0
PAPA001	13-Apr-15	8	42.9	37.6	34.6	30.6	26.9	73.0
PAPA001	13-Apr-15	9	31.0	30.2	26.9	24.5	23.0	60.9
PAPA001	13-Apr-15	10	26.3	26.2	24.2	23.0	21.3	45.0
PAPA001	13-Apr-15	11	41.8	28.6	24.2	22.7	21.3	62.2
PAPA001	13-Apr-15	12	32.5	30.5	26.9	24.7	21.8	54.1
PAPA001	13-Apr-15	13	38.4	29.4	26.5	24.3	21.6	62.7
PAPA001	13-Apr-15	14	37.2	30.5	25.5	23.4	21.4	60.6
PAPA001	13-Apr-15	15	28.2	29.9	26.7	24.3	22.0	45.4
PAPA001	13-Apr-15	16	35.7	33.9	27.6	24.6	22.2	60.1

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA001	13-Apr-15	17	29.3	32.2	27.3	23.7	20.4	42.5
PAPA002	05-Apr-13	13	32.9	35.9	27.8	24.3	21.9	48.6
PAPA002	05-Apr-13	14	31.7	34.1	29.4	26.6	23.4	48.4
PAPA002	05-Apr-13	15	41.2	45.3	36.8	25.2	22.4	56.8
PAPA002	05-Apr-13	16	45.0	48.5	42.4	36.3	27.9	60.2
PAPA002	05-Apr-13	17	41.2	45.0	38.0	31.7	26.2	56.9
PAPA002	05-Apr-13	18	42.1	46.0	39.1	31.5	25.5	55.6
PAPA002	05-Apr-13	19	33.3	37.5	28.2	22.7	20.3	47.6
PAPA002	05-Apr-13	20	28.2	29.2	24.7	22.8	20.9	45.2
PAPA002	05-Apr-13	21	25.5	26.3	24.3	22.4	21.1	43.2
PAPA002	05-Apr-13	22	27.1	29.2	24.7	23.4	21.9	41.7
PAPA002	05-Apr-13	23	32.5	36.2	29.7	25.9	23.7	47.4
PAPA002	06-Apr-13	0	33.8	37.2	31.8	28.3	25.9	47.7
PAPA002	06-Apr-13	1	30.0	32.0	27.4	25.2	22.4	44.8
PAPA002	06-Apr-13	2	32.9	36.4	31.5	26.3	24.8	44.1
PAPA002	06-Apr-13	3	29.1	29.6	27.4	26.0	24.3	48.2
PAPA002	06-Apr-13	4	32.3	34.9	30.6	27.4	25.6	46.6
PAPA002	06-Apr-13	5	36.7	39.4	35.6	31.4	28.1	50.3
PAPA002	06-Apr-13	6	33.5	35.1	32.5	30.2	27.9	44.6
PAPA002	06-Apr-13	7	34.1	35.8	32.8	30.6	28.8	49.4
PAPA002	06-Apr-13	8	35.0	37.2	33.2	30.4	26.6	55.7
PAPA002	06-Apr-13	9	36.7	39.1	34.8	31.8	28.4	57.0
PAPA002	06-Apr-13	10	31.8	35.0	28.4	25.0	21.2	46.6
PAPA002	06-Apr-13	11	25.7	25.7	22.4	20.9	19.5	46.0
PAPA002	06-Apr-13	12	25.7	27.4	23.5	21.7	20.1	39.6
PAPA002	06-Apr-13	13	32.5	35.8	26.2	22.1	20.1	47.6
PAPA002	06-Apr-13	14	32.3	35.1	30.0	24.9	21.9	49.2
PAPA002	06-Apr-13	15	30.6	33.6	25.3	22.5	20.6	48.5
PAPA002	06-Apr-13	16	29.9	29.7	25.1	21.8	19.5	58.3
PAPA002	06-Apr-13	17	29.5	31.2	25.0	22.1	19.6	48.6
PAPA002	06-Apr-13	18	27.7	29.6	25.8	21.3	19.1	46.2
PAPA002	06-Apr-13	19	33.8	36.0	28.8	21.7	18.8	51.3
PAPA002	06-Apr-13	20	29.0	30.1	26.8	24.3	23.2	51.4
PAPA002	06-Apr-13	21	25.6	27.4	23.7	20.4	19.0	46.4
PAPA002	06-Apr-13	22	24.8	26.9	23.4	20.4	19.2	40.5
PAPA002	06-Apr-13	23	26.3	28.2	23.9	21.6	20.5	45.3
PAPA002	07-Apr-13	0	24.5	25.5	23.4	21.9	20.6	40.8
PAPA002	07-Apr-13	1	28.7	30.0	26.3	24.6	23.5	49.3
PAPA002	07-Apr-13	2	31.0	32.6	29.4	25.7	23.9	52.1
PAPA002	07-Apr-13	3	32.8	32.4	30.1	28.3	26.5	55.9
PAPA002	07-Apr-13	4	30.5	31.4	29.0	27.3	25.6	48.4
PAPA002	07-Apr-13	5	31.1	31.8	29.5	27.8	25.9	48.5
PAPA002	07-Apr-13	6	31.2	33.1	29.7	27.9	26.0	46.3
PAPA002	07-Apr-13	7	33.5	36.1	31.8	27.2	24.8	48.4
PAPA002	07-Apr-13	8	34.4	36.4	31.5	28.0	24.6	51.8
PAPA002	07-Apr-13	9	29.0	31.0	28.2	25.6	24.3	40.1

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA002	07-Apr-13	10	28.5	30.7	27.2	24.9	22.7	40.2
PAPA002	07-Apr-13	11	31.1	31.1	27.7	25.9	24.0	52.9
PAPA002	12-Apr-14	12	33.4	36.2	24.3	22.6	21.6	53.2
PAPA002	12-Apr-14	13	29.8	32.8	25.6	23.5	22.1	45.8
PAPA002	12-Apr-14	14	27.0	29.2	24.6	23.0	22.0	43.2
PAPA002	12-Apr-14	15	40.0	44.4	35.4	26.9	23.4	53.8
PAPA002	12-Apr-14	16	37.6	41.5	33.9	26.9	22.1	52.2
PAPA002	12-Apr-14	17	28.3	31.5	24.5	22.5	21.7	46.6
PAPA002	12-Apr-14	18	24.3	26.3	22.5	21.4	20.7	40.4
PAPA002	12-Apr-14	19	25.4	26.4	22.2	21.5	20.8	41.3
PAPA002	12-Apr-14	20	25.9	25.8	24.5	23.4	22.4	45.5
PAPA002	12-Apr-14	21	25.7	26.9	23.9	22.7	21.8	38.1
PAPA002	12-Apr-14	22	24.8	26.2	24.5	23.2	22.0	29.7
PAPA002	12-Apr-14	23	31.7	33.9	29.6	26.4	23.6	47.8
PAPA002	13-Apr-14	0	30.2	32.0	29.6	27.2	24.3	47.3
PAPA002	13-Apr-14	1	31.5	33.6	30.2	27.0	25.0	45.0
PAPA002	13-Apr-14	2	27.2	29.1	26.2	24.6	23.6	37.6
PAPA002	13-Apr-14	3	32.4	35.2	27.3	25.1	23.6	50.7
PAPA002	13-Apr-14	4	33.7	36.5	31.0	27.9	25.3	51.1
PAPA002	13-Apr-14	5	30.5	33.0	29.0	27.1	24.9	45.8
PAPA002	13-Apr-14	6	26.6	28.8	25.4	23.1	21.7	40.8
PAPA002	13-Apr-14	7	24.4	25.2	23.3	22.2	20.9	45.0
PAPA002	13-Apr-14	8	25.3	26.6	23.3	22.1	21.0	40.8
PAPA002	13-Apr-14	9	25.8	27.5	23.9	21.7	20.3	40.1
PAPA002	13-Apr-14	10	29.4	31.4	23.4	21.0	20.1	45.6
PAPA002	13-Apr-14	11	32.8	29.9	23.6	21.2	20.5	62.6
PAPA002	13-Apr-14	12	29.3	28.5	22.4	21.5	20.7	50.9
PAPA002	13-Apr-14	13	28.1	29.4	22.7	21.4	20.6	46.2
PAPA002	13-Apr-14	14	33.0	28.2	22.3	21.1	20.4	56.7
PAPA002	13-Apr-14	15	25.1	24.7	21.6	20.8	20.3	47.5
PAPA002	13-Apr-14	16	22.9	24.8	21.7	21.0	20.6	33.1
PAPA002	13-Apr-14	17	22.4	23.3	21.6	20.9	20.5	37.2
PAPA002	13-Apr-14	18	26.7	29.9	22.9	21.0	20.4	41.8
PAPA002	13-Apr-14	19	30.9	30.8	25.0	22.6	20.6	51.0
PAPA002	13-Apr-14	20	26.8	26.8	21.8	20.5	19.9	46.1
PAPA002	13-Apr-14	21	28.2	31.2	23.3	20.5	19.9	48.4
PAPA002	13-Apr-14	22	27.1	27.6	23.2	21.8	20.8	47.5
PAPA002	13-Apr-14	23	24.4	24.9	23.5	22.5	21.6	38.4
PAPA002	14-Apr-14	0	32.8	26.1	24.2	23.2	22.3	58.8
PAPA002	14-Apr-14	1	24.4	25.5	23.7	22.8	21.9	35.8
PAPA002	14-Apr-14	2	26.3	24.8	23.5	22.5	21.7	44.8
PAPA002	14-Apr-14	3	25.3	25.6	23.9	22.8	21.8	42.8
PAPA002	14-Apr-14	4	23.0	24.5	22.6	21.6	21.0	29.8
PAPA002	14-Apr-14	5	21.6	22.1	21.6	21.1	20.7	23.4
PAPA002	14-Apr-14	6	22.4	23.2	22.2	21.0	20.7	39.4
PAPA002	14-Apr-14	7	21.6	22.0	21.4	21.1	20.8	28.4

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA002	14-Apr-14	8	22.7	23.7	22.1	21.5	21.0	38.0
PAPA002	12-Apr-15	17	35.1	38.6	30.6	25.0	21.4	50.3
PAPA002	12-Apr-15	18	31.7	35.0	29.1	25.1	20.8	44.9
PAPA002	12-Apr-15	19	34.1	30.2	26.6	23.6	20.5	63.9
PAPA002	12-Apr-15	20	28.8	31.2	27.9	25.3	22.3	39.0
PAPA002	12-Apr-15	21	32.2	35.5	30.7	26.0	23.4	46.8
PAPA002	12-Apr-15	22	31.4	33.8	30.7	27.5	24.2	39.4
PAPA002	12-Apr-15	23	27.2	29.0	26.1	24.8	23.3	37.3
PAPA002	13-Apr-15	0	24.9	26.0	24.7	23.5	22.2	31.6
PAPA002	13-Apr-15	1	25.8	27.8	25.1	23.3	21.8	31.3
PAPA002	13-Apr-15	2	31.5	33.3	31.1	29.0	25.7	36.5
PAPA002	13-Apr-15	3	31.3	34.0	30.3	27.9	26.2	41.8
PAPA002	13-Apr-15	4	33.2	35.0	32.9	30.2	27.1	40.0
PAPA002	13-Apr-15	5	32.1	34.2	31.4	29.2	26.3	43.4
PAPA002	13-Apr-15	6	33.0	34.6	31.8	30.0	27.8	44.9
PAPA002	13-Apr-15	7	33.6	36.2	32.2	30.1	28.1	52.1
PAPA002	13-Apr-15	8	37.7	38.1	32.5	28.0	24.2	58.7
PAPA002	13-Apr-15	9	27.3	28.3	24.2	21.8	20.0	48.3
PAPA002	13-Apr-15	10	30.2	24.8	22.7	21.5	20.0	60.1
PAPA002	13-Apr-15	11	30.3	24.2	22.4	21.2	19.6	59.0
PAPA002	13-Apr-15	12	25.3	26.8	22.1	20.4	18.8	44.6
PAPA002	13-Apr-15	13	28.5	25.7	22.0	20.4	19.0	53.3
PAPA002	13-Apr-15	14	25.8	27.2	23.3	21.2	18.9	44.2
PAPA002	13-Apr-15	15	27.3	28.9	24.0	21.8	19.5	52.6
PAPA002	13-Apr-15	16	33.3	33.6	26.5	22.1	19.8	56.9
PAPA002	13-Apr-15	17	30.9	34.2	27.7	23.8	20.3	45.4
PAPA003	05-Apr-13	14	30.9	32.9	28.9	24.9	21.5	48.6
PAPA003	05-Apr-13	15	35.0	38.9	31.8	24.7	22.3	47.8
PAPA003	05-Apr-13	16	38.2	41.8	35.9	30.6	25.8	50.0
PAPA003	05-Apr-13	17	37.5	41.0	34.8	29.9	25.3	51.9
PAPA003	05-Apr-13	18	37.7	40.9	33.8	28.8	24.7	53.5
PAPA003	05-Apr-13	19	29.8	33.4	26.5	24.0	20.9	43.8
PAPA003	05-Apr-13	20	30.3	30.4	27.4	25.3	22.7	51.4
PAPA003	05-Apr-13	21	28.2	29.1	26.6	24.5	22.6	46.9
PAPA003	05-Apr-13	22	28.3	29.4	26.8	24.8	23.1	43.3
PAPA003	05-Apr-13	23	34.5	37.0	31.8	27.8	25.5	46.6
PAPA003	06-Apr-13	0	37.0	40.8	33.6	29.3	27.3	49.0
PAPA003	06-Apr-13	1	31.5	32.9	30.6	27.5	24.8	49.3
PAPA003	06-Apr-13	2	33.9	36.5	32.3	29.3	26.7	47.8
PAPA003	06-Apr-13	3	30.4	30.8	28.6	27.1	26.1	50.1
PAPA003	06-Apr-13	4	35.0	37.9	34.3	27.9	26.1	49.6
PAPA003	06-Apr-13	5	40.0	42.9	38.7	35.3	31.7	51.7
PAPA003	06-Apr-13	6	35.2	37.0	34.3	33.1	31.4	49.6
PAPA003	06-Apr-13	7	35.9	37.7	34.7	31.1	28.3	52.9
PAPA003	06-Apr-13	8	38.6	39.6	36.3	33.6	31.5	59.1
PAPA003	06-Apr-13	9	36.9	40.1	35.1	31.1	28.0	53.0

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA003	06-Apr-13	10	30.1	31.6	28.1	24.0	20.0	50.5
PAPA003	06-Apr-13	11	25.4	26.0	23.1	21.1	19.4	44.6
PAPA003	06-Apr-13	12	26.5	28.7	24.0	21.5	19.9	42.7
PAPA003	06-Apr-13	13	30.5	33.1	26.8	23.0	20.5	49.4
PAPA003	06-Apr-13	14	31.5	34.4	28.9	26.0	23.2	48.5
PAPA003	06-Apr-13	15	29.3	31.4	25.1	23.0	21.0	48.8
PAPA003	06-Apr-13	16	27.5	29.4	25.1	21.7	19.4	52.7
PAPA003	06-Apr-13	17	27.4	29.9	24.4	21.4	18.8	48.4
PAPA003	06-Apr-13	18	29.0	30.9	27.2	22.4	19.4	47.6
PAPA003	06-Apr-13	19	34.2	35.7	30.1	21.6	18.5	54.5
PAPA003	06-Apr-13	20	30.7	32.7	28.8	26.1	24.1	45.8
PAPA003	06-Apr-13	21	25.9	26.8	23.6	21.7	20.0	46.7
PAPA003	06-Apr-13	22	25.7	28.0	24.1	19.4	17.4	42.8
PAPA003	06-Apr-13	23	27.7	28.4	24.7	22.4	20.3	52.3
PAPA003	07-Apr-13	0	27.5	29.2	25.6	23.7	21.5	48.6
PAPA003	07-Apr-13	1	29.2	30.1	27.4	23.9	21.9	51.3
PAPA003	07-Apr-13	2	31.1	33.7	29.2	24.3	22.5	46.8
PAPA003	07-Apr-13	3	30.3	31.1	27.5	25.0	23.8	52.2
PAPA003	07-Apr-13	4	30.8	30.9	28.9	27.1	25.0	48.9
PAPA003	07-Apr-13	5	28.9	29.7	27.9	26.3	24.9	48.2
PAPA003	07-Apr-13	6	31.7	32.4	30.2	28.6	26.9	50.5
PAPA003	07-Apr-13	7	35.4	37.8	33.4	29.5	26.5	54.3
PAPA003	07-Apr-13	8	34.5	36.9	32.7	30.2	28.1	50.5
PAPA003	07-Apr-13	9	32.5	35.4	32.1	23.7	22.2	47.1
PAPA003	07-Apr-13	10	25.0	27.0	24.3	21.4	18.6	37.1
PAPA003	07-Apr-13	11	31.7	33.3	28.0	25.7	23.3	47.8
PAPA003	07-Apr-13	12	30.8	34.2	25.6	22.7	20.8	48.7
PAPA003	07-Apr-13	13	26.7	27.9	23.4	21.1	19.2	44.4
PAPA003	07-Apr-13	14	28.7	32.4	24.3	20.9	19.2	43.7
PAPA003	07-Apr-13	15	35.2	36.6	26.8	23.9	20.3	52.2
PAPA003	16-Apr-14	13	34.2	36.5	29.4	25.6	22.2	59.8
PAPA003	16-Apr-14	14	32.4	35.9	29.0	24.9	22.3	49.2
PAPA003	16-Apr-14	15	33.2	34.9	27.6	24.7	22.1	53.0
PAPA003	16-Apr-14	16	30.4	33.5	27.3	24.0	20.7	47.3
PAPA003	16-Apr-14	17	30.2	32.9	27.4	24.4	21.3	46.9
PAPA003	16-Apr-14	18	31.9	31.3	26.1	23.1	19.5	56.3
PAPA003	16-Apr-14	19	28.7	30.7	26.3	23.1	19.2	47.3
PAPA003	16-Apr-14	20	30.0	30.8	29.3	27.8	25.6	48.3
PAPA003	16-Apr-14	21	30.6	31.6	29.6	28.4	27.0	46.1
PAPA003	16-Apr-14	22	35.7	37.5	34.7	31.2	28.0	50.8
PAPA003	16-Apr-14	23	32.4	34.6	31.6	28.9	26.5	48.2
PAPA003	17-Apr-14	0	30.3	31.6	28.9	27.4	25.9	49.5
PAPA003	17-Apr-14	1	31.6	33.8	30.5	27.2	25.3	48.7
PAPA003	17-Apr-14	2	33.4	34.7	32.6	30.9	29.0	51.3
PAPA003	17-Apr-14	3	32.5	35.3	31.5	29.8	28.3	40.6
PAPA003	17-Apr-14	4	35.0	36.6	34.6	33.0	30.3	44.5

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA003	17-Apr-14	5	35.2	37.1	34.8	32.5	30.8	47.0
PAPA003	17-Apr-14	6	34.3	36.3	33.6	31.6	30.1	42.6
PAPA003	17-Apr-14	7	34.1	35.8	33.8	31.7	29.5	40.3
PAPA003	17-Apr-14	8	31.5	33.6	30.7	28.0	25.5	45.9
PAPA003	17-Apr-14	9	29.2	31.3	27.2	23.5	20.2	43.3
PAPA003	17-Apr-14	10	24.8	26.1	23.3	21.8	20.1	42.2
PAPA003	17-Apr-14	11	25.7	27.7	24.9	23.1	21.8	39.2
PAPA003	17-Apr-14	12	29.2	28.5	25.6	23.3	20.4	52.5
PAPA003	17-Apr-14	13	29.7	30.1	25.6	23.6	21.6	47.9
PAPA003	17-Apr-14	14	30.9	28.9	24.7	22.5	20.7	53.6
PAPA003	17-Apr-14	15	28.3	27.6	24.0	22.3	20.0	51.1
PAPA003	17-Apr-14	16	29.2	29.1	24.9	22.4	20.6	49.7
PAPA003	17-Apr-14	17	27.6	29.3	25.4	23.2	20.9	44.2
PAPA003	17-Apr-14	18	24.6	26.5	23.2	21.0	19.0	37.5
PAPA003	17-Apr-14	19	26.0	27.2	24.0	21.0	19.3	40.2
PAPA003	17-Apr-14	20	28.8	30.5	27.4	25.1	22.9	43.9
PAPA003	17-Apr-14	21	29.8	31.7	28.7	23.0	20.6	43.2
PAPA003	17-Apr-14	22	28.1	31.5	26.5	21.3	19.7	36.0
PAPA003	17-Apr-14	23	32.6	34.0	32.3	30.9	28.6	36.9
PAPA003	18-Apr-14	0	33.0	34.8	32.7	30.6	27.1	37.2
PAPA003	18-Apr-14	1	30.3	34.5	26.9	24.7	22.2	43.9
PAPA003	18-Apr-14	2	26.6	29.8	25.0	22.0	20.4	34.1
PAPA003	18-Apr-14	3	27.2	28.2	25.0	23.4	22.2	43.1
PAPA003	18-Apr-14	4	28.4	30.0	27.1	25.0	21.8	40.6
PAPA003	18-Apr-14	5	29.1	31.8	28.0	25.4	22.8	37.4
PAPA003	18-Apr-14	6	33.0	35.3	32.6	29.6	26.5	40.9
PAPA003	18-Apr-14	7	32.3	33.5	31.9	30.6	29.1	43.9
PAPA003	18-Apr-14	8	31.1	33.0	30.5	28.4	26.1	44.0
PAPA003	18-Apr-14	9	29.2	31.0	28.6	26.6	23.9	40.6
PAPA003	18-Apr-14	10	31.3	34.1	28.3	25.9	22.6	47.2
PAPA003	18-Apr-14	11	42.1	45.8	36.4	29.3	24.2	58.1
PAPA003	18-Apr-14	12	42.4	46.1	38.2	32.7	27.3	62.1
PAPA003	03-Apr-15	14	24.1	26.7	21.7	19.8	18.4	38.4
PAPA003	03-Apr-15	15	25.0	27.6	21.2	19.2	17.8	42.2
PAPA003	03-Apr-15	16	26.3	27.4	21.2	19.3	17.4	46.1
PAPA003	03-Apr-15	17	26.1	25.2	20.6	18.7	17.3	55.3
PAPA003	03-Apr-15	18	24.5	27.0	21.5	19.0	17.6	44.5
PAPA003	03-Apr-15	19	24.3	25.8	22.9	21.3	17.9	38.8
PAPA003	03-Apr-15	20	27.5	29.5	26.9	21.9	19.9	42.0
PAPA003	03-Apr-15	21	25.4	27.4	24.4	22.6	20.9	38.5
PAPA003	03-Apr-15	22	24.5	25.8	24.4	22.9	21.3	30.6
PAPA003	03-Apr-15	23	26.0	27.5	25.7	24.3	22.9	32.4
PAPA003	04-Apr-15	0	27.6	29.2	27.6	24.8	23.3	32.7
PAPA003	04-Apr-15	1	30.1	32.8	29.1	27.3	25.8	36.1
PAPA003	04-Apr-15	2	29.9	32.4	29.0	26.3	23.4	37.2
PAPA003	04-Apr-15	3	27.6	29.2	27.3	25.9	24.4	31.3

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA003	04-Apr-15	4	26.9	28.3	26.5	25.3	24.1	36.4
PAPA003	04-Apr-15	5	31.5	34.7	30.4	26.6	24.4	40.7
PAPA003	04-Apr-15	6	28.3	30.4	28.0	23.8	21.1	40.4
PAPA003	04-Apr-15	7	28.2	31.4	26.4	22.9	21.0	41.7
PAPA003	04-Apr-15	8	34.3	29.5	24.3	19.7	17.7	60.5
PAPA003	04-Apr-15	9	24.8	21.5	18.6	17.6	16.8	44.7
PAPA003	04-Apr-15	10	32.0	24.2	19.9	18.3	17.0	56.3
PAPA003	04-Apr-15	11	25.5	22.7	20.3	18.9	17.7	50.9
PAPA003	04-Apr-15	12	26.8	25.4	21.5	19.9	18.4	47.1
PAPA003	04-Apr-15	13	28.7	27.0	21.0	19.6	18.4	53.1
PAPA003	04-Apr-15	14	29.0	32.6	24.6	20.7	18.9	47.6
PAPA003	04-Apr-15	15	39.7	43.6	34.6	27.0	22.5	55.3
PAPA003	04-Apr-15	16	44.4	48.1	40.5	32.7	26.8	59.5
PAPA003	04-Apr-15	17	44.5	48.1	41.2	34.9	28.2	61.5
PAPA003	04-Apr-15	18	42.3	46.1	38.7	32.8	26.5	55.4
PAPA003	04-Apr-15	19	36.9	40.2	32.6	29.6	25.9	52.9
PAPA003	04-Apr-15	20	31.8	34.9	30.7	26.9	24.8	38.8
PAPA003	04-Apr-15	21	35.7	38.3	34.7	30.9	27.9	45.0
PAPA003	04-Apr-15	22	35.0	37.0	34.5	32.0	29.3	42.4
PAPA003	04-Apr-15	23	35.0	37.5	34.1	31.0	29.2	42.1
PAPA003	05-Apr-15	0	34.7	37.8	33.2	30.2	28.0	41.2
PAPA003	05-Apr-15	1	33.3	38.1	30.7	26.4	23.2	42.2
PAPA003	05-Apr-15	2	30.8	33.9	29.3	27.5	25.1	38.3
PAPA003	05-Apr-15	3	33.7	36.3	32.9	30.2	27.1	40.9
PAPA003	05-Apr-15	4	30.5	33.5	29.1	27.2	25.2	39.9
PAPA003	05-Apr-15	5	31.5	33.7	31.1	28.5	25.4	38.1
PAPA003	05-Apr-15	6	32.5	34.3	32.0	30.4	28.1	46.2
PAPA003	05-Apr-15	7	34.0	36.9	32.7	30.6	28.0	41.1
PAPA003	05-Apr-15	8	30.8	32.2	29.6	27.6	23.9	52.6
PAPA003	05-Apr-15	9	31.2	28.2	25.3	23.6	21.1	53.5
PAPA003	05-Apr-15	10	29.2	31.6	27.3	24.6	21.7	44.4
PAPA003	05-Apr-15	11	30.5	33.0	28.8	25.7	21.3	44.1
PAPA003	05-Apr-15	12	33.9	36.4	30.6	27.1	22.6	52.8
PAPA003	05-Apr-15	13	40.3	44.0	36.4	30.9	26.7	54.6
PAPA003	05-Apr-15	14	39.6	43.2	35.2	29.3	23.3	57.6
PAPA003	05-Apr-15	15	42.7	46.4	38.5	31.4	25.3	57.8
PAPA003	05-Apr-15	16	44.0	47.9	39.5	32.7	26.2	60.9
PAPA003	05-Apr-15	17	42.8	46.4	38.8	32.8	26.9	59.6
PAPA003	05-Apr-15	18	35.3	38.3	31.9	27.2	24.1	53.7
PAPA003	05-Apr-15	19	29.6	32.7	28.1	24.1	22.1	45.7
PAPA003	05-Apr-15	20	25.1	26.4	25.0	23.3	21.6	29.2
PAPA003	05-Apr-15	21	26.4	28.1	26.0	24.7	23.2	32.4
PAPA003	05-Apr-15	22	30.0	33.0	28.6	24.8	21.0	38.0
PAPA003	05-Apr-15	23	30.9	34.9	28.2	22.0	19.7	38.9
PAPA003	06-Apr-15	0	33.3	36.7	31.7	26.6	23.5	41.7
PAPA003	06-Apr-15	1	31.2	35.1	29.1	24.9	22.0	38.7

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA003	06-Apr-15	2	40.7	43.9	39.1	35.3	32.4	54.5
PAPA003	06-Apr-15	3	40.0	42.7	39.0	36.0	29.8	51.0
PAPA003	06-Apr-15	4	35.9	38.1	34.9	32.8	30.2	45.3
PAPA003	06-Apr-15	5	37.3	40.0	36.3	33.1	30.2	45.8
PAPA003	06-Apr-15	6	32.4	34.6	31.6	29.6	27.5	39.5
PAPA003	06-Apr-15	7	37.8	40.5	36.9	32.2	28.8	47.9
PAPA003	06-Apr-15	8	37.8	40.7	36.8	31.9	28.6	47.0
PAPA003	06-Apr-15	9	31.7	33.9	29.8	27.6	25.6	53.3
PAPA003	06-Apr-15	10	33.9	31.2	27.6	25.9	23.9	60.7
PAPA003	06-Apr-15	11	36.7	39.9	33.1	28.6	25.4	52.7
PAPA003	06-Apr-15	12	43.3	47.2	39.1	32.5	27.3	60.2
PAPA003	06-Apr-15	13	42.7	46.4	38.4	32.3	26.6	59.5
PAPA003	06-Apr-15	14	46.0	50.1	41.3	34.5	27.9	62.3
PAPA003	06-Apr-15	15	44.0	47.7	40.2	34.4	28.7	60.4
PAPA003	06-Apr-15	16	42.0	45.8	38.0	32.0	26.8	56.5
PAPA003	06-Apr-15	17	46.0	50.0	42.4	35.3	29.5	59.5
PAPA003	06-Apr-15	18	42.7	46.4	38.2	31.9	26.5	59.1
PAPA003	06-Apr-15	19	37.9	41.3	34.3	29.1	24.5	53.6
PAPA003	06-Apr-15	20	37.0	40.6	33.8	29.7	26.3	50.5
PAPA003	06-Apr-15	21	30.9	32.5	30.3	28.7	26.2	44.6
PAPA003	06-Apr-15	22	29.4	31.0	29.1	27.2	25.4	37.7
PAPA003	06-Apr-15	23	28.4	29.8	28.0	26.7	25.0	36.4
PAPA003	07-Apr-15	0	29.8	31.6	29.5	27.1	25.5	38.2
PAPA003	07-Apr-15	1	33.2	34.9	32.5	30.8	27.5	42.5
PAPA003	07-Apr-15	2	31.9	33.8	31.7	29.0	27.1	37.3
PAPA003	07-Apr-15	3	33.5	35.1	33.1	31.6	29.7	37.7
PAPA003	07-Apr-15	4	32.7	34.3	32.4	30.3	28.1	38.2
PAPA003	07-Apr-15	5	32.7	34.3	32.4	30.5	28.9	39.4
PAPA003	07-Apr-15	6	31.9	33.6	31.5	29.3	27.3	48.7
PAPA003	07-Apr-15	7	33.3	35.0	32.8	30.8	28.5	45.4
PAPA003	07-Apr-15	8	32.1	32.9	30.8	26.8	23.9	51.8
PAPA003	07-Apr-15	9	28.3	28.2	24.3	19.9	18.5	51.8
PAPA003	07-Apr-15	10	32.9	33.6	29.4	22.5	19.0	61.1
PAPA003	07-Apr-15	11	29.8	31.9	29.2	26.1	23.9	39.2
PAPA003	07-Apr-15	12	30.1	32.3	29.2	27.2	24.3	40.3
PAPA003	07-Apr-15	13	34.1	28.9	26.3	24.7	23.2	68.6
PAPA003	07-Apr-15	14	29.3	31.4	28.3	26.3	24.3	45.7
PAPA003	07-Apr-15	15	27.0	29.1	26.3	24.3	22.0	36.0
PAPA003	07-Apr-15	16	29.6	30.7	26.2	23.0	21.0	51.8
PAPA003	07-Apr-15	17	42.9	45.5	32.2	28.8	25.9	62.7
PAPA003	07-Apr-15	18	27.5	29.9	26.4	24.0	21.8	38.6
PAPA003	07-Apr-15	19	27.0	29.2	24.7	22.8	21.3	42.9
PAPA003	07-Apr-15	20	27.9	30.3	27.0	24.1	21.6	39.1
PAPA003	07-Apr-15	21	24.2	24.2	22.8	21.1	19.8	41.3
PAPA003	07-Apr-15	22	29.5	34.2	24.9	20.3	18.8	39.3
PAPA003	07-Apr-15	23	34.7	38.5	32.9	25.0	21.3	43.6

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA003	08-Apr-15	0	26.4	29.9	24.1	20.3	18.2	41.0
PAPA003	08-Apr-15	1	27.1	29.5	24.5	21.9	19.0	39.8
PAPA003	08-Apr-15	2	30.9	33.0	30.0	27.8	25.5	42.5
PAPA003	08-Apr-15	3	32.4	35.9	30.2	23.7	21.6	44.5
PAPA003	08-Apr-15	4	29.6	32.5	28.5	25.5	22.6	37.7
PAPA003	08-Apr-15	5	24.2	26.3	23.5	21.6	18.9	34.6
PAPA003	08-Apr-15	6	27.3	29.8	26.2	23.1	19.6	38.1
PAPA003	08-Apr-15	7	25.7	28.2	24.4	22.7	20.0	35.6
PAPA003	08-Apr-15	8	27.2	29.5	26.2	24.2	22.8	39.0
PAPA003	08-Apr-15	9	29.2	32.0	27.1	24.7	22.0	46.5
PAPA003	08-Apr-15	10	31.3	34.1	29.3	26.2	23.2	45.5
PAPA003	08-Apr-15	11	27.1	29.2	26.2	24.7	23.2	36.5
PAPA003	08-Apr-15	12	31.2	33.6	29.8	27.4	24.4	42.0
PAPA003	08-Apr-15	13	31.8	33.6	30.2	27.5	24.5	49.8
PAPA003	08-Apr-15	14	32.4	33.4	30.3	26.9	24.8	47.2
PAPA003	08-Apr-15	15	32.1	33.9	31.7	29.4	27.0	39.2
PAPA003	08-Apr-15	16	34.4	36.3	33.3	31.0	28.9	57.1
PAPA003	08-Apr-15	17	34.0	36.1	33.4	31.1	28.7	42.3
PAPA003	08-Apr-15	18	31.8	33.4	29.2	24.8	21.0	49.9
PAPA003	08-Apr-15	19	32.3	34.5	31.5	28.8	26.9	42.1
PAPA003	08-Apr-15	20	30.5	32.7	29.6	27.2	24.2	42.2
PAPA003	08-Apr-15	21	30.2	33.1	29.1	26.3	22.8	38.9
PAPA003	08-Apr-15	22	29.6	31.8	29.5	25.8	23.4	34.4
PAPA003	08-Apr-15	23	30.7	32.7	29.6	27.5	25.9	46.7
PAPA003	09-Apr-15	0	31.2	32.1	30.4	28.4	25.2	45.1
PAPA003	09-Apr-15	1	42.2	47.4	38.3	30.1	27.5	53.8
PAPA003	09-Apr-15	2	36.1	38.7	35.3	31.2	28.6	45.2
PAPA003	09-Apr-15	3	41.0	44.4	39.5	34.6	32.0	48.5
PAPA003	09-Apr-15	4	36.9	41.2	27.4	22.3	19.0	48.5
PAPA003	09-Apr-15	5	37.6	40.7	36.9	25.5	21.6	44.5
PAPA003	09-Apr-15	6	35.6	37.9	34.9	31.8	29.3	43.3
PAPA003	09-Apr-15	7	33.5	36.1	32.9	29.4	27.9	39.6
PAPA003	09-Apr-15	8	28.7	30.9	27.7	26.1	24.0	39.2
PAPA003	09-Apr-15	9	31.4	29.9	26.3	24.1	22.1	53.6
PAPA003	09-Apr-15	10	28.5	30.2	27.2	25.2	23.4	49.1
PAPA003	09-Apr-15	11	26.2	27.2	25.3	23.7	21.6	46.0
PAPA003	09-Apr-15	12	25.0	26.7	23.9	22.3	21.1	38.2
PAPA003	09-Apr-15	13	30.5	26.2	23.8	22.7	21.6	62.5
PAPA003	09-Apr-15	14	31.0	29.0	26.0	23.0	20.6	54.0
PAPA003	09-Apr-15	15	27.7	29.5	26.4	24.6	22.7	40.6
PAPA003	09-Apr-15	16	28.7	31.4	28.0	23.6	21.9	39.2
PAPA003	09-Apr-15	17	28.2	30.0	25.8	23.2	21.6	43.0
PAPA003	09-Apr-15	18	28.9	30.8	27.3	25.1	23.3	43.9
PAPA003	09-Apr-15	19	26.6	27.7	23.8	20.0	18.1	44.2
PAPA003	09-Apr-15	20	25.8	27.3	24.6	21.8	19.4	38.3
PAPA003	09-Apr-15	21	22.7	24.4	22.2	20.4	18.8	29.9

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA003	09-Apr-15	22	31.4	36.0	29.6	23.5	20.6	41.4
PAPA003	09-Apr-15	23	37.2	39.0	36.8	34.4	32.2	43.8
PAPA003	10-Apr-15	0	34.6	37.4	33.0	30.3	27.6	42.9
PAPA003	10-Apr-15	1	31.6	34.2	31.2	27.1	25.4	37.1
PAPA003	10-Apr-15	2	35.6	40.6	31.1	26.3	24.3	45.7
PAPA003	10-Apr-15	3	37.7	41.2	35.2	29.6	26.7	47.7
PAPA003	10-Apr-15	4	43.2	47.0	41.2	38.1	34.7	50.2
PAPA003	10-Apr-15	5	37.8	40.5	37.1	34.0	31.9	46.5
PAPA003	10-Apr-15	6	35.9	37.0	34.4	32.3	31.0	63.5
PAPA003	10-Apr-15	7	36.9	38.6	36.5	34.4	31.2	45.4
PAPA003	10-Apr-15	8	34.4	37.4	32.6	30.2	27.9	48.9
PAPA003	10-Apr-15	9	31.9	33.4	31.3	29.9	28.2	40.1
PAPA003	10-Apr-15	10	29.2	31.6	28.5	24.9	23.1	38.2
PAPA003	10-Apr-15	11	27.6	29.5	26.2	24.0	22.3	50.8
PAPA003	10-Apr-15	12	30.3	31.7	28.8	26.6	24.6	46.3
PAPA003	10-Apr-15	13	28.0	30.0	27.1	25.4	23.4	39.8
PAPA003	10-Apr-15	14	32.4	31.7	28.6	26.4	23.1	53.3
PAPA003	10-Apr-15	15	27.4	28.4	26.0	23.9	22.2	52.2
PAPA003	10-Apr-15	16	30.0	32.4	29.3	25.7	22.7	43.3
PAPA003	10-Apr-15	17	28.0	29.9	27.3	25.5	23.5	37.6
PAPA003	10-Apr-15	18	25.0	26.7	24.6	22.9	20.7	33.2
PAPA003	10-Apr-15	19	25.3	27.5	22.2	19.1	17.6	40.7
PAPA003	10-Apr-15	20	28.8	31.9	26.9	23.8	21.6	41.8
PAPA003	10-Apr-15	21	27.2	29.5	26.5	24.5	23.1	33.1
PAPA003	10-Apr-15	22	28.5	31.2	27.5	25.5	24.0	35.6
PAPA003	10-Apr-15	23	35.9	38.8	34.8	29.2	25.9	43.7
PAPA003	11-Apr-15	0	38.9	41.6	38.2	34.9	32.9	45.0
PAPA003	11-Apr-15	1	39.7	42.0	39.1	36.7	34.7	44.6
PAPA003	11-Apr-15	2	35.9	39.1	34.6	31.0	27.5	45.8
PAPA003	11-Apr-15	3	37.4	40.5	36.5	30.5	27.6	46.6
PAPA003	11-Apr-15	4	38.9	42.0	37.5	33.2	27.9	47.4
PAPA003	11-Apr-15	5	36.8	39.2	36.0	33.4	32.2	52.9
PAPA003	11-Apr-15	6	39.8	41.8	39.8	35.9	33.2	44.2
PAPA003	11-Apr-15	7	40.1	43.4	37.8	35.8	33.6	47.3
PAPA003	11-Apr-15	8	36.8	39.6	35.3	31.2	27.5	55.5
PAPA003	11-Apr-15	9	29.6	30.8	28.2	26.1	24.1	49.0
PAPA003	11-Apr-15	10	27.3	29.0	26.8	25.0	23.4	43.4
PAPA003	11-Apr-15	11	27.5	29.2	26.4	24.5	22.6	50.9
PAPA003	11-Apr-15	12	37.4	37.8	30.7	26.3	23.3	62.3
PAPA003	11-Apr-15	13	39.9	43.5	35.9	30.0	24.7	56.9
PAPA003	11-Apr-15	14	42.6	46.6	38.4	31.6	25.9	56.2
PAPA004	18-Apr-13	10	21.5	23.4	20.7	18.9	17.2	32.9
PAPA004	18-Apr-13	11	28.3	31.7	23.6	18.7	16.3	47.9
PAPA004	18-Apr-13	12	31.5	35.0	27.8	22.6	19.8	49.2
PAPA004	18-Apr-13	13	33.6	37.5	29.0	22.4	19.4	50.9
PAPA004	18-Apr-13	14	35.0	38.7	31.4	25.4	21.9	49.4

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA004	18-Apr-13	15	37.8	41.3	34.1	27.7	23.8	52.7
PAPA004	18-Apr-13	16	39.2	42.8	36.2	30.0	24.0	52.8
PAPA004	18-Apr-13	17	37.9	41.2	35.1	29.5	24.4	53.3
PAPA004	18-Apr-13	18	38.9	42.6	36.0	30.6	23.6	52.8
PAPA004	18-Apr-13	19	40.9	44.4	38.0	32.1	26.1	55.4
PAPA004	18-Apr-13	20	40.3	43.4	36.6	31.1	26.1	61.5
PAPA004	18-Apr-13	21	28.3	31.3	24.7	22.3	20.8	43.7
PAPA004	18-Apr-13	22	27.3	29.6	24.2	21.1	18.9	43.2
PAPA004	18-Apr-13	23	26.4	28.7	24.7	21.9	18.4	41.7
PAPA004	19-Apr-13	0	25.7	27.0	24.9	23.7	22.2	39.7
PAPA004	19-Apr-13	1	22.6	24.9	21.7	18.7	16.5	31.4
PAPA004	19-Apr-13	2	21.4	23.8	20.6	17.4	16.1	29.0
PAPA004	19-Apr-13	3	18.3	21.7	16.2	15.2	14.8	28.2
PAPA004	19-Apr-13	4	19.2	23.3	16.6	15.5	15.0	27.4
PAPA004	19-Apr-13	5	26.9	28.6	26.0	23.9	21.2	40.8
PAPA004	19-Apr-13	6	27.8	29.7	27.2	23.7	19.7	42.4
PAPA004	19-Apr-13	7	27.6	29.9	27.2	23.8	20.0	35.7
PAPA004	19-Apr-13	8	30.3	28.5	22.6	19.8	18.3	52.4
PAPA004	19-Apr-13	9	23.9	23.2	20.1	18.8	17.3	43.6
PAPA004	19-Apr-13	10	21.7	22.9	20.6	19.4	18.2	34.5
PAPA004	19-Apr-13	11	23.7	24.5	21.2	19.9	18.3	39.8
PAPA004	19-Apr-13	12	29.2	32.5	26.5	22.7	20.3	47.7
PAPA004	19-Apr-13	13	31.8	34.9	28.0	23.1	19.2	51.3
PAPA004	19-Apr-13	14	29.0	32.1	26.2	22.1	19.7	44.9
PAPA004	19-Apr-13	15	31.9	33.8	27.2	22.5	19.0	51.9
PAPA004	19-Apr-13	16	30.4	33.6	27.0	22.5	19.1	47.0
PAPA004	19-Apr-13	17	29.4	32.3	25.2	21.2	18.5	47.6
PAPA004	19-Apr-13	18	23.5	25.5	20.7	18.2	16.6	38.7
PAPA004	19-Apr-13	19	23.2	24.0	20.4	18.1	16.4	42.6
PAPA004	19-Apr-13	20	22.2	23.5	20.4	17.7	16.4	39.0
PAPA004	19-Apr-13	21	19.6	21.8	17.5	16.0	15.3	36.1
PAPA004	19-Apr-13	22	26.1	25.8	15.7	15.0	14.6	50.7
PAPA004	19-Apr-13	23	20.1	22.8	18.9	16.0	15.1	30.4
PAPA004	20-Apr-13	0	26.6	30.6	23.6	20.1	18.0	41.0
PAPA004	20-Apr-13	1	24.2	26.2	23.8	21.2	19.6	34.1
PAPA004	20-Apr-13	2	28.8	31.2	27.8	25.3	23.3	36.3
PAPA004	20-Apr-13	3	27.0	29.3	26.7	23.1	21.2	31.9
PAPA004	20-Apr-13	4	26.6	29.4	25.5	22.2	19.5	33.9
PAPA004	20-Apr-13	5	32.8	30.0	27.5	23.0	20.4	57.1
PAPA004	20-Apr-13	6	25.7	27.2	25.4	23.5	20.9	31.1
PAPA004	20-Apr-13	7	27.1	29.5	26.1	23.0	20.9	42.5
PAPA004	20-Apr-13	8	29.9	31.1	22.4	18.3	16.8	48.8
PAPA004	20-Apr-13	9	27.2	30.6	24.1	19.6	17.6	42.2
PAPA004	20-Apr-13	10	30.9	34.7	27.1	21.4	18.5	48.6
PAPA004	20-Apr-13	11	34.4	38.2	31.1	23.9	18.9	51.2
PAPA004	20-Apr-13	12	34.7	38.1	32.0	25.5	21.5	47.2

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA004	20-Apr-13	13	32.3	35.9	29.5	24.3	20.1	44.7
PAPA004	20-Apr-13	14	35.2	38.0	31.4	26.4	22.1	54.9
PAPA004	20-Apr-13	15	36.8	40.6	33.5	27.7	23.4	50.7
PAPA004	20-Apr-13	16	36.0	39.5	32.7	26.3	22.5	52.7
PAPA004	20-Apr-13	17	41.7	45.1	34.5	28.4	23.1	58.7
PAPA004	20-Apr-13	18	37.4	41.0	33.5	27.7	24.3	52.7
PAPA004	20-Apr-13	19	31.7	35.1	28.8	25.2	22.5	44.5
PAPA004	20-Apr-13	20	28.9	30.5	28.1	26.1	23.9	42.4
PAPA004	20-Apr-13	21	28.6	31.4	26.4	24.0	21.6	43.5
PAPA004	20-Apr-13	22	28.0	30.2	27.2	24.8	22.6	38.1
PAPA004	20-Apr-13	23	32.3	36.1	29.4	25.3	22.7	44.4
PAPA004	21-Apr-13	0	30.7	33.7	29.5	25.7	22.7	41.1
PAPA004	21-Apr-13	1	33.2	36.2	32.5	25.3	22.0	48.5
PAPA004	21-Apr-13	2	28.0	30.3	26.8	24.5	21.9	39.8
PAPA004	21-Apr-13	3	33.0	36.0	30.7	26.0	23.1	49.6
PAPA004	21-Apr-13	4	30.3	33.0	29.3	26.1	23.4	43.6
PAPA004	21-Apr-13	5	27.1	30.0	25.3	21.3	18.3	44.6
PAPA004	21-Apr-13	6	33.3	38.1	27.4	23.1	17.0	43.1
PAPA004	21-Apr-13	7	29.2	33.2	26.0	22.4	20.2	44.0
PAPA004	21-Apr-13	8	25.9	26.9	24.0	22.0	19.8	44.1
PAPA004	21-Apr-13	9	24.5	26.8	22.7	19.9	18.8	41.1
PAPA004	21-Apr-13	10	26.0	25.5	21.7	19.7	18.0	52.1
PAPA004	21-Apr-13	11	24.8	27.7	23.4	20.8	19.4	34.0
PAPA004	21-Apr-13	12	27.0	29.5	25.6	23.2	21.8	41.9
PAPA004	15-Apr-14	11	38.6	23.6	21.1	20.0	19.0	62.1
PAPA004	15-Apr-14	12	25.3	27.4	21.0	19.6	18.5	44.1
PAPA004	15-Apr-14	13	34.6	26.3	22.7	21.4	20.3	56.0
PAPA004	15-Apr-14	14	37.7	41.5	33.7	25.2	20.7	53.8
PAPA004	15-Apr-14	15	41.4	44.9	38.9	32.9	26.5	56.9
PAPA004	15-Apr-14	16	42.1	46.1	36.3	28.1	23.3	57.4
PAPA004	15-Apr-14	17	39.7	43.3	36.6	30.4	25.8	55.9
PAPA004	15-Apr-14	18	32.8	36.1	30.4	25.7	21.8	45.6
PAPA004	15-Apr-14	19	37.7	41.2	33.0	27.8	23.0	54.5
PAPA004	15-Apr-14	20	43.2	47.4	37.0	31.4	27.8	59.3
PAPA004	15-Apr-14	21	36.3	39.7	31.4	22.7	19.8	52.8
PAPA004	15-Apr-14	22	25.0	27.4	23.4	21.3	19.9	37.9
PAPA004	15-Apr-14	23	25.4	27.9	23.3	20.9	18.8	40.9
PAPA004	16-Apr-14	0	23.5	26.1	21.5	19.5	17.0	37.6
PAPA004	16-Apr-14	1	24.2	27.2	21.2	18.4	17.1	39.8
PAPA004	16-Apr-14	2	23.3	25.4	22.5	20.3	18.8	35.8
PAPA004	16-Apr-14	3	25.3	28.2	23.5	20.7	18.9	39.2
PAPA004	16-Apr-14	4	24.1	27.0	22.0	19.0	17.3	38.6
PAPA004	16-Apr-14	5	20.9	23.4	19.8	17.2	15.6	31.9
PAPA004	16-Apr-14	6	22.0	24.0	20.6	18.5	16.9	34.4
PAPA004	16-Apr-14	7	23.7	24.2	20.7	18.9	17.1	38.9
PAPA004	16-Apr-14	8	43.5	31.9	24.8	22.2	19.6	70.5

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA004	16-Apr-14	9	40.0	29.6	21.2	18.9	17.7	64.9
PAPA004	16-Apr-14	10	28.9	31.0	22.4	18.4	16.6	51.4
PAPA004	16-Apr-14	11	29.2	33.1	26.0	20.8	17.1	42.3
PAPA004	16-Apr-14	12	30.0	33.6	26.7	20.7	17.8	45.4
PAPA004	16-Apr-14	13	34.1	37.7	31.4	25.3	19.7	47.3
PAPA004	16-Apr-14	14	32.3	35.9	29.0	23.2	19.7	47.0
PAPA004	16-Apr-14	15	30.8	34.4	26.8	21.7	19.1	46.5
PAPA004	16-Apr-14	16	30.7	34.2	27.7	22.0	18.7	44.6
PAPA004	16-Apr-14	17	30.1	33.7	26.6	21.6	18.7	44.3
PAPA004	16-Apr-14	18	29.4	32.8	24.8	19.8	17.4	47.5
PAPA004	16-Apr-14	19	26.1	27.4	19.6	17.6	16.6	46.2
PAPA004	16-Apr-14	20	22.4	22.7	19.6	17.9	16.4	36.5
PAPA004	16-Apr-14	21	24.1	24.4	20.9	18.4	17.5	39.1
PAPA004	16-Apr-14	22	22.9	23.7	19.3	16.4	15.1	37.2
PAPA004	16-Apr-14	23	17.9	18.7	17.0	16.2	15.6	28.9
PAPA004	17-Apr-14	0	23.2	26.0	22.8	17.7	16.5	30.0
PAPA004	17-Apr-14	1	21.6	23.6	20.9	19.1	17.9	29.0
PAPA004	17-Apr-14	2	25.7	27.9	25.3	20.9	18.8	34.7
PAPA004	17-Apr-14	3	25.5	28.0	24.1	22.1	20.9	35.1
PAPA004	17-Apr-14	4	30.6	32.2	29.2	25.5	22.6	43.6
PAPA004	17-Apr-14	5	31.2	33.1	30.7	28.6	26.8	37.0
PAPA004	17-Apr-14	6	33.3	33.0	30.3	28.2	26.7	55.9
PAPA004	17-Apr-14	7	31.6	33.8	29.7	27.9	25.8	43.9
PAPA004	17-Apr-14	8	31.5	32.8	30.0	27.7	26.1	52.1
PAPA004	03-Apr-15	15	24.3	25.8	18.3	17.1	16.2	42.7
PAPA004	03-Apr-15	16	23.3	24.9	18.9	16.5	15.7	48.9
PAPA004	03-Apr-15	17	20.6	24.4	17.2	16.1	15.5	34.2
PAPA004	03-Apr-15	18	20.5	22.1	17.4	15.7	15.1	37.2
PAPA004	03-Apr-15	19	19.4	19.9	16.1	15.0	14.6	37.9
PAPA004	03-Apr-15	20	21.8	22.2	17.4	16.1	15.4	40.7
PAPA004	03-Apr-15	21	17.5	18.9	15.7	15.0	14.5	29.4
PAPA004	03-Apr-15	22	20.0	20.0	15.5	14.7	14.4	38.8
PAPA004	03-Apr-15	23	15.8	16.7	15.2	14.5	14.2	25.1
PAPA004	04-Apr-15	0	16.4	17.9	15.1	14.6	14.3	25.9
PAPA004	04-Apr-15	1	19.4	22.2	18.0	16.3	15.6	29.7
PAPA004	04-Apr-15	2	19.5	21.4	19.3	17.0	16.2	24.0
PAPA004	04-Apr-15	3	20.3	21.6	19.8	18.6	17.2	27.9
PAPA004	04-Apr-15	4	23.0	24.3	22.8	21.0	19.6	31.3
PAPA004	04-Apr-15	5	25.5	27.7	25.2	21.8	20.4	31.6
PAPA004	04-Apr-15	6	28.2	29.9	27.0	24.8	22.1	44.1
PAPA004	04-Apr-15	7	35.4	30.6	27.1	24.0	20.9	56.0
PAPA004	04-Apr-15	8	51.3	56.5	30.9	21.7	18.4	63.9
PAPA004	04-Apr-15	9	40.3	29.9	24.2	21.7	19.8	60.7
PAPA004	04-Apr-15	10	34.1	30.6	20.3	17.6	16.6	56.2
PAPA004	04-Apr-15	11	37.7	25.5	19.1	17.8	16.6	66.5
PAPA004	04-Apr-15	12	38.5	24.1	18.0	16.6	15.8	70.9

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA004	04-Apr-15	13	32.7	23.4	18.3	17.1	16.4	53.8
PAPA004	04-Apr-15	14	23.9	24.8	18.9	17.2	16.3	41.3
PAPA004	04-Apr-15	15	33.1	36.8	28.6	21.0	17.9	50.9
PAPA004	04-Apr-15	16	35.0	36.7	28.4	21.9	18.5	61.7
PAPA004	04-Apr-15	17	33.4	36.8	29.6	23.7	20.0	48.7
PAPA004	04-Apr-15	18	35.5	39.1	32.1	25.2	19.3	49.6
PAPA004	04-Apr-15	19	28.0	31.2	23.7	20.8	18.8	45.0
PAPA004	04-Apr-15	20	23.9	24.8	22.3	20.1	19.0	40.2
PAPA004	04-Apr-15	21	23.0	24.2	21.7	19.9	18.5	36.0
PAPA004	04-Apr-15	22	21.6	24.4	20.0	18.3	17.4	32.7
PAPA004	04-Apr-15	23	25.0	26.9	24.5	22.9	20.1	32.6
PAPA004	05-Apr-15	0	21.2	22.9	20.2	18.6	17.2	33.3
PAPA004	05-Apr-15	1	22.3	23.8	22.1	19.9	18.8	29.1
PAPA004	05-Apr-15	2	23.5	25.5	22.9	21.3	19.7	29.9
PAPA004	05-Apr-15	3	26.7	28.3	26.3	24.7	21.5	42.6
PAPA004	05-Apr-15	4	27.7	29.1	27.6	25.2	23.4	34.1
PAPA004	05-Apr-15	5	28.3	29.6	28.1	26.7	24.7	34.8
PAPA004	05-Apr-15	6	28.7	30.4	28.3	26.7	24.8	37.3
PAPA004	05-Apr-15	7	29.4	31.3	28.7	26.0	23.4	41.8
PAPA004	05-Apr-15	8	31.2	32.2	29.7	27.5	25.0	54.1
PAPA004	05-Apr-15	9	30.8	32.3	28.6	26.5	24.0	46.5
PAPA004	05-Apr-15	10	26.5	28.6	25.4	22.3	18.6	37.1
PAPA004	05-Apr-15	11	25.2	26.5	19.8	17.4	16.5	49.7
PAPA004	05-Apr-15	12	25.1	28.0	21.6	18.6	17.3	42.7
PAPA004	05-Apr-15	13	34.2	37.3	28.6	20.7	17.5	55.7
PAPA004	05-Apr-15	14	34.8	38.5	31.1	24.1	19.1	49.2
PAPA004	05-Apr-15	15	37.5	41.4	33.5	26.1	20.7	52.8
PAPA004	05-Apr-15	16	39.0	42.5	35.2	28.4	22.0	58.1
PAPA004	05-Apr-15	17	34.5	38.2	30.8	25.0	20.7	50.8
PAPA004	05-Apr-15	18	29.4	32.9	25.7	20.8	18.1	43.9
PAPA004	05-Apr-15	19	23.0	24.9	19.7	18.3	17.1	47.6
PAPA004	05-Apr-15	20	18.8	19.9	17.9	17.1	16.3	34.4
PAPA004	05-Apr-15	21	20.5	20.3	17.6	16.4	15.1	35.0
PAPA004	05-Apr-15	22	21.4	20.3	17.5	16.0	15.4	37.0
PAPA004	05-Apr-15	23	22.1	24.1	21.5	20.2	18.6	27.4
PAPA004	06-Apr-15	0	24.8	25.8	23.6	21.9	19.6	40.8
PAPA004	06-Apr-15	1	27.4	29.5	26.9	24.2	21.0	35.5
PAPA004	06-Apr-15	2	29.6	31.5	29.2	27.3	24.8	34.7
PAPA004	06-Apr-15	3	30.1	32.1	29.9	27.2	25.1	35.4
PAPA004	06-Apr-15	4	28.5	29.6	28.3	27.2	26.1	32.0
PAPA004	06-Apr-15	5	28.5	30.0	28.0	26.9	25.7	37.2
PAPA004	06-Apr-15	6	34.1	32.1	29.0	27.7	26.1	59.2
PAPA004	06-Apr-15	7	28.4	29.3	27.9	26.6	24.9	48.1
PAPA004	06-Apr-15	8	29.8	31.8	28.5	26.8	25.3	51.0
PAPA004	06-Apr-15	9	40.0	34.5	31.3	27.0	23.0	65.8
PAPA004	06-Apr-15	10	23.6	26.2	21.0	18.3	17.0	40.8

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA004	06-Apr-15	11	26.7	30.1	22.0	18.1	17.0	43.0
PAPA004	06-Apr-15	12	28.8	31.2	23.3	19.2	17.6	53.4
PAPA004	06-Apr-15	13	29.7	33.7	25.0	19.5	17.5	46.3
PAPA004	06-Apr-15	14	32.6	35.2	27.5	21.7	18.9	52.6
PAPA004	06-Apr-15	15	32.2	35.7	28.6	22.9	19.3	49.2
PAPA004	06-Apr-15	16	37.3	41.3	33.5	25.8	20.6	55.3
PAPA004	06-Apr-15	17	36.0	39.6	33.0	27.1	22.0	51.7
PAPA004	06-Apr-15	18	36.5	39.7	33.6	27.5	20.6	52.6
PAPA004	06-Apr-15	19	34.3	37.6	31.8	27.7	23.1	47.0
PAPA004	06-Apr-15	20	38.1	41.5	35.8	31.3	27.5	51.2
PAPA004	06-Apr-15	21	29.5	31.8	26.1	20.1	18.2	47.4
PAPA004	06-Apr-15	22	22.6	25.2	20.8	18.7	17.5	34.0
PAPA004	06-Apr-15	23	21.9	25.0	19.0	16.7	15.7	38.6
PAPA004	07-Apr-15	0	19.1	20.9	17.9	16.0	15.1	35.0
PAPA004	07-Apr-15	1	19.0	20.6	18.1	17.0	16.1	32.5
PAPA004	07-Apr-15	2	18.9	20.4	18.0	16.4	15.6	35.1
PAPA004	07-Apr-15	3	20.2	22.0	19.7	17.8	16.3	28.8
PAPA004	07-Apr-15	4	22.5	23.8	20.9	19.3	18.0	39.6
PAPA004	07-Apr-15	5	23.7	26.0	22.6	20.5	18.4	34.9
PAPA004	07-Apr-15	6	25.7	27.7	25.3	21.3	18.6	35.7
PAPA004	07-Apr-15	7	27.0	28.8	25.5	22.3	20.5	39.7
PAPA004	07-Apr-15	8	40.1	36.1	28.5	26.1	23.0	58.5
PAPA004	07-Apr-15	9	29.0	30.9	27.7	25.8	23.5	43.0
PAPA004	07-Apr-15	10	26.5	29.4	22.5	18.4	16.1	41.3
PAPA004	07-Apr-15	11	25.8	26.3	23.0	21.1	18.9	41.6
PAPA004	07-Apr-15	12	35.2	33.8	30.3	25.6	22.8	56.7
PAPA004	07-Apr-15	13	23.6	26.4	20.3	18.9	17.9	44.0
PAPA004	07-Apr-15	14	27.9	31.2	19.8	18.2	17.3	50.4
PAPA004	07-Apr-15	15	23.5	24.1	18.8	17.6	16.9	46.2
PAPA004	07-Apr-15	16	28.0	28.5	18.8	17.2	16.3	50.8
PAPA004	07-Apr-15	17	34.0	37.9	29.3	24.5	21.0	50.3
PAPA004	07-Apr-15	18	29.9	32.3	28.6	25.1	22.8	40.7
PAPA004	07-Apr-15	19	28.4	28.2	22.0	18.7	17.0	49.3
PAPA004	07-Apr-15	20	26.0	23.8	20.4	19.1	17.5	48.3
PAPA004	07-Apr-15	21	25.7	23.3	19.3	17.7	16.6	47.6
PAPA004	07-Apr-15	22	19.9	22.9	18.4	17.0	16.1	30.3
PAPA004	07-Apr-15	23	24.4	27.7	22.7	19.1	17.3	35.0
PAPA004	08-Apr-15	0	25.6	26.2	21.6	19.6	17.1	46.8
PAPA004	08-Apr-15	1	24.5	28.0	22.3	19.2	17.9	35.9
PAPA004	08-Apr-15	2	25.3	30.2	20.1	17.5	16.4	35.3
PAPA004	08-Apr-15	3	27.2	29.2	26.7	24.6	22.0	33.6
PAPA004	08-Apr-15	4	26.7	30.0	24.7	20.5	17.9	38.0
PAPA004	08-Apr-15	5	23.2	25.9	21.8	19.8	17.5	33.9
PAPA004	08-Apr-15	6	25.7	27.7	23.7	21.2	18.9	47.8
PAPA004	08-Apr-15	7	25.1	27.6	23.4	20.7	18.1	37.7
PAPA004	08-Apr-15	8	24.3	27.4	21.7	19.0	17.2	38.8

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA004	08-Apr-15	9	26.6	26.2	20.6	16.9	15.6	54.1
PAPA004	08-Apr-15	10	29.5	31.2	19.3	16.2	15.4	51.2
PAPA004	08-Apr-15	11	23.6	21.4	16.1	15.6	15.3	50.0
PAPA004	08-Apr-15	12	26.8	23.1	16.6	16.0	15.4	50.0
PAPA004	08-Apr-15	13	27.0	29.5	24.2	21.3	17.9	42.3
PAPA004	08-Apr-15	14	20.6	23.2	19.1	16.6	15.7	32.9
PAPA004	08-Apr-15	15	24.1	25.4	19.0	16.9	16.0	44.8
PAPA004	08-Apr-15	16	29.2	30.0	23.6	18.6	16.3	50.5
PAPA004	08-Apr-15	17	29.1	32.7	24.6	20.2	17.5	45.7
PAPA004	08-Apr-15	18	27.0	29.3	25.6	23.4	21.2	39.1
PAPA004	08-Apr-15	19	28.0	31.2	24.9	20.1	17.1	42.8
PAPA004	08-Apr-15	20	26.8	28.8	23.5	21.0	17.4	42.6
PAPA004	08-Apr-15	21	25.4	27.7	22.7	18.2	16.0	41.8
PAPA004	08-Apr-15	22	19.0	20.7	17.9	16.8	15.8	29.5
PAPA004	08-Apr-15	23	20.3	22.4	17.0	15.7	14.9	36.5
PAPA004	09-Apr-15	0	20.0	21.6	15.7	15.2	14.8	37.6
PAPA004	09-Apr-15	1	25.4	25.4	19.9	18.2	17.1	48.0
PAPA004	09-Apr-15	2	21.7	23.7	21.0	18.4	17.0	28.1
PAPA004	09-Apr-15	3	22.3	24.0	21.8	20.3	19.1	32.8
PAPA004	09-Apr-15	4	24.1	26.5	23.4	20.0	18.7	30.9
PAPA004	09-Apr-15	5	23.8	25.9	22.6	20.2	18.4	36.3
PAPA004	09-Apr-15	6	25.1	27.8	23.8	20.9	18.5	37.6
PAPA004	09-Apr-15	7	26.3	27.0	22.2	20.2	18.6	44.5
PAPA004	09-Apr-15	8	26.4	28.2	22.1	20.4	19.0	41.8
PAPA004	09-Apr-15	9	26.4	28.8	16.6	15.1	14.8	53.1
PAPA004	09-Apr-15	10	24.7	16.5	15.3	14.9	14.7	54.3
PAPA004	09-Apr-15	11	27.1	30.5	17.2	16.0	15.1	48.0
PAPA004	09-Apr-15	12	21.9	22.3	17.9	16.7	16.0	41.6
PAPA004	09-Apr-15	13	26.1	25.6	18.2	16.8	16.0	46.5
PAPA004	09-Apr-15	14	48.2	26.8	17.5	16.2	15.7	75.9
PAPA004	09-Apr-15	15	30.2	28.4	18.4	16.4	15.9	58.3
PAPA004	09-Apr-15	16	24.8	27.1	18.3	15.7	15.3	45.9
PAPA004	09-Apr-15	17	24.7	27.2	22.9	16.7	15.7	39.6
PAPA004	09-Apr-15	18	20.6	22.4	20.0	18.2	16.7	32.5
PAPA004	09-Apr-15	19	20.9	22.9	18.8	15.0	14.7	42.2
PAPA004	09-Apr-15	20	23.5	23.3	20.8	18.5	16.8	45.7
PAPA004	09-Apr-15	21	20.0	21.5	19.4	18.0	17.0	29.6
PAPA004	09-Apr-15	22	23.2	26.0	19.6	17.9	16.9	37.5
PAPA004	09-Apr-15	23	20.6	21.6	18.3	16.9	15.9	32.6
PAPA004	10-Apr-15	0	18.0	19.9	17.4	16.0	15.3	23.5
PAPA004	10-Apr-15	1	17.8	20.1	17.0	16.0	15.2	23.7
PAPA004	10-Apr-15	2	21.3	22.8	21.3	18.1	16.7	28.6
PAPA004	10-Apr-15	3	22.1	22.9	20.5	19.1	18.0	40.7
PAPA004	10-Apr-15	4	20.6	22.3	20.1	18.1	16.8	29.6
PAPA004	10-Apr-15	5	21.8	23.9	20.8	19.5	17.8	30.5
PAPA004	10-Apr-15	6	25.9	27.8	25.0	22.3	20.0	41.4

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA004	10-Apr-15	7	31.3	31.4	25.6	23.2	20.9	47.7
PAPA004	10-Apr-15	8	26.3	28.3	25.3	23.4	21.5	36.2
PAPA004	10-Apr-15	9	26.7	29.3	25.3	22.7	20.5	39.0
PAPA004	10-Apr-15	10	21.3	23.2	18.7	16.0	15.5	44.3
PAPA004	10-Apr-15	11	21.3	24.3	17.3	16.6	16.2	39.4
PAPA004	10-Apr-15	12	30.6	33.3	21.6	17.6	16.2	48.7
PAPA004	10-Apr-15	13	23.7	24.5	18.6	17.3	16.3	45.0
PAPA004	10-Apr-15	14	28.1	28.6	19.8	17.7	16.9	54.6
PAPA004	10-Apr-15	15	22.7	25.6	19.3	17.5	16.5	37.9
PAPA005	18-Apr-13	11	26.1	29.7	22.2	19.3	17.2	41.4
PAPA005	18-Apr-13	12	34.3	36.8	29.8	24.3	20.1	59.8
PAPA005	18-Apr-13	13	35.1	38.9	31.6	25.0	21.4	49.0
PAPA005	18-Apr-13	14	37.4	41.0	34.5	28.4	22.8	52.0
PAPA005	18-Apr-13	15	40.0	43.9	36.0	28.9	22.3	54.4
PAPA005	18-Apr-13	16	42.3	45.9	39.5	33.4	27.2	57.1
PAPA005	18-Apr-13	17	41.9	45.4	39.4	33.7	28.4	54.7
PAPA005	18-Apr-13	18	42.2	45.8	40.0	34.4	27.2	53.4
PAPA005	18-Apr-13	19	41.1	44.7	38.7	33.0	28.2	52.5
PAPA005	18-Apr-13	20	37.5	40.8	34.7	30.8	27.7	51.0
PAPA005	18-Apr-13	21	31.2	33.0	30.3	28.6	26.5	41.5
PAPA005	18-Apr-13	22	31.0	32.1	29.9	28.4	26.6	45.8
PAPA005	18-Apr-13	23	30.9	32.4	30.6	28.8	27.0	37.1
PAPA005	19-Apr-13	0	32.4	34.4	31.8	30.0	28.2	40.4
PAPA005	19-Apr-13	1	28.3	30.9	27.6	24.1	22.1	35.5
PAPA005	19-Apr-13	2	24.8	26.3	24.5	23.0	21.4	28.9
PAPA005	19-Apr-13	3	25.2	27.7	24.7	21.3	19.7	31.1
PAPA005	19-Apr-13	4	21.9	23.5	21.5	19.9	18.3	26.5
PAPA005	19-Apr-13	5	30.5	32.1	29.3	27.5	25.0	45.7
PAPA005	19-Apr-13	6	28.0	31.2	26.4	24.9	23.4	38.9
PAPA005	19-Apr-13	7	29.9	32.8	28.3	24.3	22.5	41.0
PAPA005	19-Apr-13	8	32.4	33.9	30.0	26.5	23.5	50.9
PAPA005	19-Apr-13	9	26.0	26.7	23.6	21.7	20.1	45.7
PAPA005	19-Apr-13	10	25.6	26.8	23.8	22.2	20.5	50.8
PAPA005	19-Apr-13	11	28.4	30.0	25.1	23.0	21.0	50.8
PAPA005	19-Apr-13	12	35.4	34.6	28.8	25.8	23.2	62.2
PAPA005	19-Apr-13	13	35.3	38.7	31.1	26.0	22.5	51.9
PAPA005	19-Apr-13	14	36.4	36.7	30.2	26.0	23.5	63.6
PAPA005	19-Apr-13	15	42.9	37.5	30.5	26.3	23.1	66.6
PAPA005	19-Apr-13	16	33.1	36.2	30.1	26.3	23.6	54.1
PAPA005	19-Apr-13	17	30.0	32.9	28.1	24.7	21.6	44.7
PAPA005	19-Apr-13	18	28.5	30.9	26.6	23.8	21.2	43.0
PAPA005	19-Apr-13	19	28.0	29.7	26.5	24.5	22.5	42.6
PAPA005	19-Apr-13	20	30.4	32.8	29.4	26.1	22.9	40.1
PAPA005	19-Apr-13	21	24.6	27.7	23.5	20.2	18.3	34.5
PAPA005	19-Apr-13	22	27.8	26.3	20.4	19.1	18.1	50.3
PAPA005	19-Apr-13	23	24.3	27.1	23.2	18.6	17.4	33.9

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA005	20-Apr-13	0	28.5	30.6	27.7	25.0	22.2	39.2
PAPA005	20-Apr-13	1	26.4	28.9	25.1	23.2	21.7	37.8
PAPA005	20-Apr-13	2	30.9	34.4	29.3	26.7	22.2	40.2
PAPA005	20-Apr-13	3	30.1	32.5	29.2	26.8	25.3	37.1
PAPA005	20-Apr-13	4	30.7	33.2	29.8	27.5	25.4	36.9
PAPA005	20-Apr-13	5	30.1	32.4	29.2	27.2	25.0	38.0
PAPA005	20-Apr-13	6	31.9	32.8	29.3	27.1	25.0	45.3
PAPA005	20-Apr-13	7	27.4	29.4	27.0	23.8	21.1	38.2
PAPA005	20-Apr-13	8	31.7	33.7	27.4	22.7	20.4	48.1
PAPA005	20-Apr-13	9	30.6	34.1	27.7	23.7	20.7	42.7
PAPA005	20-Apr-13	10	32.6	36.6	28.8	25.0	22.4	46.4
PAPA005	20-Apr-13	11	36.1	39.8	32.8	26.6	22.2	51.6
PAPA005	20-Apr-13	12	36.5	40.2	33.3	28.7	24.8	51.4
PAPA005	20-Apr-13	13	35.4	38.5	32.7	28.8	24.9	48.7
PAPA005	20-Apr-13	14	39.4	42.3	34.9	29.4	25.6	56.1
PAPA005	20-Apr-13	15	38.8	42.5	35.6	29.5	24.6	54.2
PAPA005	20-Apr-13	16	39.5	42.8	36.9	31.6	26.4	54.2
PAPA005	20-Apr-13	17	44.9	48.3	40.0	34.4	29.3	60.2
PAPA005	20-Apr-13	18	41.0	44.5	37.9	32.9	27.8	54.5
PAPA005	20-Apr-13	19	35.5	38.9	32.8	29.4	26.1	50.4
PAPA005	20-Apr-13	20	36.7	39.7	35.1	28.6	26.5	48.6
PAPA005	20-Apr-13	21	34.7	37.7	33.2	30.5	27.9	43.8
PAPA005	20-Apr-13	22	34.1	37.0	32.8	29.3	26.3	44.6
PAPA005	20-Apr-13	23	40.2	43.4	38.1	34.7	31.7	53.7
PAPA005	21-Apr-13	0	41.6	45.0	39.7	33.9	29.7	53.6
PAPA005	21-Apr-13	1	38.3	41.1	36.1	33.3	30.5	50.5
PAPA005	21-Apr-13	2	36.7	40.0	35.3	31.1	27.9	45.3
PAPA005	21-Apr-13	3	38.2	40.8	37.1	32.6	29.4	47.1
PAPA005	21-Apr-13	4	35.3	37.1	34.7	32.7	30.2	46.4
PAPA005	21-Apr-13	5	32.4	35.9	30.7	26.1	22.9	41.6
PAPA005	21-Apr-13	6	36.7	40.2	35.2	25.0	21.8	45.5
PAPA005	21-Apr-13	7	36.1	39.0	35.3	30.5	27.1	44.0
PAPA005	21-Apr-13	8	31.5	34.7	29.2	26.9	24.6	40.6
PAPA005	21-Apr-13	9	30.2	33.6	28.3	24.9	22.4	41.0
PAPA005	21-Apr-13	10	28.6	30.8	27.5	24.7	22.5	51.9
PAPA005	21-Apr-13	11	28.1	30.1	27.2	24.6	22.7	46.7
PAPA005	21-Apr-13	12	31.4	33.9	30.0	27.6	25.3	44.8
PAPA005	21-Apr-13	13	35.8	36.7	31.1	27.9	24.3	56.8
PAPA005	17-Apr-14	11	24.1	25.8	22.3	20.8	19.6	37.8
PAPA005	17-Apr-14	12	34.8	30.9	22.2	20.8	19.8	55.6
PAPA005	17-Apr-14	13	31.3	29.2	23.4	21.3	20.1	55.7
PAPA005	17-Apr-14	14	28.0	29.0	22.9	21.1	19.7	46.0
PAPA005	17-Apr-14	15	30.7	25.6	21.8	20.8	19.7	57.0
PAPA005	17-Apr-14	16	36.1	29.3	22.4	20.1	18.4	61.7
PAPA005	17-Apr-14	17	29.8	29.4	22.3	20.0	18.3	47.4
PAPA005	17-Apr-14	18	32.9	30.9	21.3	19.7	18.1	53.1

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA005	17-Apr-14	19	31.4	34.2	22.7	19.5	18.1	52.1
PAPA005	17-Apr-14	20	35.4	37.4	22.1	20.3	18.9	52.4
PAPA005	17-Apr-14	21	26.5	25.8	21.7	20.2	18.9	42.4
PAPA005	17-Apr-14	22	25.7	28.0	24.8	22.3	20.9	32.2
PAPA005	17-Apr-14	23	30.6	33.0	29.8	26.8	24.6	38.2
PAPA005	18-Apr-14	0	30.2	33.0	29.4	26.8	24.3	36.2
PAPA005	18-Apr-14	1	29.1	30.9	28.6	27.2	24.8	36.2
PAPA005	18-Apr-14	2	31.3	33.4	30.7	28.9	26.9	37.4
PAPA005	18-Apr-14	3	32.6	34.1	32.4	30.8	28.9	39.8
PAPA005	18-Apr-14	4	33.5	35.9	32.1	30.0	27.7	43.9
PAPA005	18-Apr-14	5	35.0	35.8	32.2	30.1	28.2	49.2
PAPA005	18-Apr-14	6	32.5	34.1	31.6	30.0	28.1	45.7
PAPA005	18-Apr-14	7	36.6	38.2	36.4	34.7	31.6	43.8
PAPA005	18-Apr-14	8	35.0	37.0	34.5	31.5	29.5	44.0
PAPA005	18-Apr-14	9	37.1	38.7	36.0	33.5	30.4	53.6
PAPA005	18-Apr-14	10	32.4	33.7	30.2	26.9	24.1	49.1
PAPA005	18-Apr-14	11	35.5	37.2	31.8	28.5	25.1	57.6
PAPA005	18-Apr-14	12	40.0	43.8	35.8	29.8	26.4	57.0
PAPA005	18-Apr-14	13	44.4	48.0	42.1	36.3	32.2	56.4
PAPA005	18-Apr-14	14	35.3	38.7	32.6	28.6	24.5	53.1
PAPA005	18-Apr-14	15	30.7	33.4	28.4	26.0	22.8	45.4
PAPA005	18-Apr-14	16	35.5	39.7	26.8	23.7	21.7	53.3
PAPA005	18-Apr-14	17	26.4	27.8	24.5	22.6	21.0	40.7
PAPA005	18-Apr-14	18	30.3	27.2	23.0	21.3	18.8	49.9
PAPA005	18-Apr-14	19	22.4	23.2	21.3	19.7	17.7	39.5
PAPA005	18-Apr-14	20	34.1	30.7	22.3	20.6	18.7	52.1
PAPA005	18-Apr-14	21	25.1	27.1	24.3	22.7	20.2	32.7
PAPA005	18-Apr-14	22	30.9	35.1	26.2	23.9	21.9	38.3
PAPA005	18-Apr-14	23	29.7	33.1	27.9	25.4	23.5	37.9
PAPA005	19-Apr-14	0	25.1	27.0	24.7	23.0	21.3	32.1
PAPA005	19-Apr-14	1	25.2	27.0	23.3	21.6	20.1	35.3
PAPA005	19-Apr-14	2	23.7	25.1	23.4	21.6	18.9	30.2
PAPA005	19-Apr-14	3	25.1	27.4	24.6	21.8	19.9	32.0
PAPA005	19-Apr-14	4	22.4	23.8	22.2	20.7	18.9	29.1
PAPA005	19-Apr-14	5	29.2	32.5	25.0	21.8	19.9	43.2
PAPA005	19-Apr-14	6	27.9	30.1	26.8	24.1	21.3	39.5
PAPA005	19-Apr-14	7	30.4	31.8	29.5	27.1	23.7	42.5
PAPA005	19-Apr-14	8	35.8	37.2	32.0	25.2	21.3	55.4
PAPA005	19-Apr-14	9	25.3	26.1	23.3	21.5	19.1	42.5
PAPA005	19-Apr-14	10	40.0	27.6	22.0	20.1	18.4	66.5
PAPA005	19-Apr-14	11	23.5	25.0	22.6	21.4	19.5	40.5
PAPA005	19-Apr-14	12	26.3	26.6	23.5	22.2	20.7	50.5
PAPA005	19-Apr-14	13	26.1	28.7	23.9	22.1	20.7	43.4
PAPA005	19-Apr-14	14	33.1	30.1	23.6	22.0	20.7	62.8
PAPA005	19-Apr-14	15	32.5	35.6	27.2	22.8	20.6	49.0
PAPA005	19-Apr-14	16	30.3	33.8	27.3	23.1	20.6	46.0

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA005	19-Apr-14	17	29.0	31.6	24.8	21.4	19.2	46.8
PAPA005	19-Apr-14	18	24.6	27.1	22.8	20.9	19.1	38.1
PAPA005	19-Apr-14	19	32.1	24.3	21.2	19.7	18.3	55.2
PAPA005	19-Apr-14	20	34.0	36.6	21.0	19.5	18.0	56.3
PAPA005	19-Apr-14	21	21.3	22.4	20.9	19.4	17.7	31.2
PAPA005	19-Apr-14	22	22.9	24.6	22.4	20.8	18.9	32.5
PAPA005	19-Apr-14	23	26.0	28.4	25.1	23.5	20.6	34.1
PAPA005	20-Apr-14	0	28.3	30.6	27.8	25.2	22.3	33.5
PAPA005	20-Apr-14	1	31.8	34.7	30.6	27.8	24.3	39.1
PAPA005	20-Apr-14	2	34.9	36.6	34.6	32.8	30.9	40.6
PAPA005	20-Apr-14	3	33.4	35.8	32.9	29.2	26.3	40.3
PAPA005	20-Apr-14	4	32.3	34.7	31.1	29.4	27.8	42.3
PAPA005	20-Apr-14	5	34.8	37.8	32.3	30.6	28.3	48.1
PAPA005	20-Apr-14	6	34.7	36.3	34.0	32.7	30.9	48.2
PAPA005	10-Apr-15	16	23.1	24.7	19.9	18.3	17.2	39.4
PAPA005	10-Apr-15	17	27.3	24.9	20.5	18.5	16.9	50.1
PAPA005	10-Apr-15	18	23.1	26.5	19.2	17.6	15.6	38.5
PAPA005	10-Apr-15	19	26.2	30.0	19.8	17.4	15.6	41.2
PAPA005	10-Apr-15	20	26.1	27.5	17.8	16.1	14.6	46.5
PAPA005	10-Apr-15	21	17.9	19.3	16.8	15.8	14.8	28.1
PAPA005	10-Apr-15	22	22.9	26.8	20.4	18.2	16.7	29.9
PAPA005	10-Apr-15	23	20.9	22.1	20.7	19.4	17.4	26.1
PAPA005	11-Apr-15	0	27.2	31.2	24.8	22.0	19.1	35.5
PAPA005	11-Apr-15	1	27.9	31.8	25.4	23.3	20.9	36.9
PAPA005	11-Apr-15	2	27.8	29.6	27.5	25.3	22.3	32.5
PAPA005	11-Apr-15	3	32.4	34.6	32.0	29.1	26.8	36.6
PAPA005	11-Apr-15	4	34.1	35.5	34.0	32.1	30.1	37.6
PAPA005	11-Apr-15	5	34.3	35.3	33.8	32.7	31.3	51.0
PAPA005	11-Apr-15	6	41.6	40.2	36.4	33.8	30.7	61.2
PAPA005	11-Apr-15	7	36.4	37.4	35.0	32.6	30.9	60.1
PAPA005	11-Apr-15	8	32.5	34.6	31.6	29.3	26.5	49.1
PAPA005	11-Apr-15	9	42.4	36.6	27.7	25.3	23.8	67.6
PAPA005	11-Apr-15	10	27.4	29.5	25.6	23.8	21.8	41.4
PAPA005	11-Apr-15	11	25.4	27.0	22.6	20.9	19.1	48.9
PAPA005	11-Apr-15	12	51.7	39.2	28.1	22.8	19.9	74.6
PAPA005	11-Apr-15	13	38.7	42.5	34.6	27.1	21.9	53.6
PAPA005	11-Apr-15	14	40.2	43.8	36.1	29.2	22.6	55.3
PAPA005	11-Apr-15	15	41.8	45.7	37.0	29.5	23.2	58.5
PAPA005	11-Apr-15	16	42.0	45.4	37.2	29.7	24.4	64.3
PAPA005	11-Apr-15	17	37.8	41.3	32.4	26.3	21.9	60.0
PAPA005	11-Apr-15	18	38.3	41.9	35.4	30.1	25.0	51.4
PAPA005	11-Apr-15	19	33.7	37.4	30.4	27.3	25.0	46.5
PAPA005	11-Apr-15	20	34.5	37.1	33.1	29.4	25.3	47.1
PAPA005	11-Apr-15	21	35.7	38.5	35.1	29.0	25.6	44.0
PAPA005	11-Apr-15	22	30.1	33.3	29.1	22.8	20.5	40.4
PAPA005	11-Apr-15	23	24.3	25.2	22.6	21.1	19.4	41.9

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA005	12-Apr-15	0	28.1	30.8	27.0	23.2	21.3	41.1
PAPA005	12-Apr-15	1	29.8	32.4	29.2	25.6	23.6	36.3
PAPA005	12-Apr-15	2	27.5	29.5	26.1	24.3	22.7	47.5
PAPA005	12-Apr-15	3	27.0	29.2	25.2	23.5	21.3	41.9
PAPA005	12-Apr-15	4	29.5	32.0	27.7	25.4	23.7	41.5
PAPA005	12-Apr-15	5	37.4	41.3	34.0	27.5	24.5	53.4
PAPA005	12-Apr-15	6	31.9	35.4	29.5	23.9	19.6	46.6
PAPA005	12-Apr-15	7	34.4	36.2	28.7	23.7	21.6	53.1
PAPA005	12-Apr-15	8	28.6	31.3	23.7	19.7	17.5	45.5
PAPA005	12-Apr-15	9	33.1	36.9	29.2	23.4	20.2	47.9
PAPA005	12-Apr-15	10	36.1	39.3	32.1	24.7	19.4	54.3
PAPA005	12-Apr-15	11	30.5	34.1	25.1	20.6	18.5	49.1
PAPA005	12-Apr-15	12	32.5	36.3	26.9	21.2	19.1	48.5
PAPA005	12-Apr-15	13	34.4	37.8	27.8	21.5	18.9	53.4
PAPA005	12-Apr-15	14	40.0	42.9	34.4	26.0	21.0	64.4
PAPA005	12-Apr-15	15	41.0	44.9	38.0	31.2	23.7	54.2
PAPA005	12-Apr-15	16	36.9	40.9	32.1	25.1	20.2	50.7
PAPA005	12-Apr-15	17	33.8	37.0	29.2	23.9	19.3	50.0
PAPA005	12-Apr-15	18	30.3	33.8	26.7	21.7	19.0	47.7
PAPA005	12-Apr-15	19	23.3	25.8	21.2	19.6	16.6	38.5
PAPA005	12-Apr-15	20	25.8	27.4	22.2	19.8	18.1	44.3
PAPA005	12-Apr-15	21	23.8	24.9	22.6	20.0	18.3	38.3
PAPA005	12-Apr-15	22	19.4	20.6	19.1	17.9	16.6	26.8
PAPA005	12-Apr-15	23	21.5	23.8	18.7	17.8	16.0	38.4
PAPA005	13-Apr-15	0	17.0	18.1	17.0	15.5	14.9	22.2
PAPA005	13-Apr-15	1	18.5	20.4	18.0	16.6	15.7	31.3
PAPA005	13-Apr-15	2	21.4	22.6	21.2	19.8	18.1	29.4
PAPA005	13-Apr-15	3	21.0	22.5	20.7	19.2	18.1	25.5
PAPA005	13-Apr-15	4	20.9	21.9	20.5	19.5	18.1	35.9
PAPA005	13-Apr-15	5	28.7	32.2	22.9	20.2	17.7	45.2
PAPA005	13-Apr-15	6	31.1	34.3	29.4	24.2	18.9	44.0
PAPA005	13-Apr-15	7	33.5	37.7	29.0	24.7	21.8	48.5
PAPA005	13-Apr-15	8	26.5	28.8	22.4	19.2	17.8	54.5
PAPA005	13-Apr-15	9	25.3	27.2	23.8	21.1	18.4	39.0
PAPA005	13-Apr-15	10	54.4	41.1	21.2	19.2	17.5	77.6
PAPA005	13-Apr-15	11	22.4	24.3	20.7	19.0	17.7	37.7
PAPA006	18-Apr-13	11	29.5	31.9	28.6	26.0	23.2	43.4
PAPA006	18-Apr-13	12	34.8	35.2	31.0	28.1	24.5	60.6
PAPA006	18-Apr-13	13	33.3	36.1	31.7	29.0	26.4	46.1
PAPA006	18-Apr-13	14	34.6	37.3	33.0	30.4	27.5	46.7
PAPA006	18-Apr-13	15	37.6	41.1	35.3	31.7	28.7	50.4
PAPA006	18-Apr-13	16	39.3	41.7	36.2	32.3	29.2	55.4
PAPA006	18-Apr-13	17	36.6	39.5	34.8	30.7	27.2	49.1
PAPA006	18-Apr-13	18	38.0	41.3	35.3	31.5	28.4	52.9
PAPA006	18-Apr-13	19	41.0	44.1	39.0	35.4	30.6	54.2
PAPA006	18-Apr-13	20	37.4	40.1	36.0	32.6	30.3	51.3

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA006	18-Apr-13	21	35.7	38.5	34.1	31.4	29.6	47.0
PAPA006	18-Apr-13	22	33.8	35.7	32.8	30.7	28.9	45.9
PAPA006	18-Apr-13	23	31.3	33.1	30.7	29.1	27.4	39.8
PAPA006	19-Apr-13	0	32.4	34.3	31.8	30.0	27.7	39.3
PAPA006	19-Apr-13	1	32.8	34.3	32.4	30.6	29.1	39.7
PAPA006	19-Apr-13	2	34.2	36.2	33.7	31.8	27.9	39.2
PAPA006	19-Apr-13	3	31.7	33.4	31.3	29.3	27.0	38.9
PAPA006	19-Apr-13	4	33.2	34.8	32.8	31.0	29.5	39.7
PAPA006	19-Apr-13	5	32.9	34.3	32.0	30.5	28.7	46.3
PAPA006	19-Apr-13	6	46.7	51.7	36.7	33.6	31.7	58.6
PAPA006	19-Apr-13	7	35.6	36.6	34.4	33.1	31.3	50.7
PAPA006	19-Apr-13	8	33.4	34.1	29.9	28.3	26.8	53.0
PAPA006	19-Apr-13	9	29.5	31.2	28.5	27.3	25.8	41.6
PAPA006	19-Apr-13	10	30.0	31.0	28.8	27.4	24.8	45.9
PAPA006	19-Apr-13	11	32.2	34.0	30.2	28.2	26.3	50.9
PAPA006	19-Apr-13	12	30.6	33.0	29.0	26.7	23.8	46.5
PAPA006	19-Apr-13	13	36.9	38.5	31.2	28.0	25.1	58.0
PAPA006	19-Apr-13	14	30.7	33.4	29.0	26.8	25.1	43.6
PAPA006	19-Apr-13	15	34.4	35.6	30.2	27.2	24.8	55.5
PAPA006	19-Apr-13	16	31.0	33.3	29.0	26.5	23.7	47.0
PAPA006	19-Apr-13	17	28.8	30.6	27.6	25.7	23.2	43.7
PAPA006	19-Apr-13	18	26.4	27.9	25.6	24.3	22.6	39.1
PAPA006	19-Apr-13	19	27.6	28.3	26.4	24.3	22.4	44.2
PAPA006	19-Apr-13	20	28.6	30.0	28.2	26.7	25.3	39.8
PAPA006	19-Apr-13	21	29.3	31.3	28.5	26.3	24.6	39.7
PAPA006	19-Apr-13	22	30.4	31.5	27.3	25.5	23.7	45.3
PAPA006	19-Apr-13	23	31.1	32.7	26.6	23.1	21.4	51.6
PAPA006	20-Apr-13	0	31.1	32.1	28.7	25.2	22.0	49.8
PAPA006	20-Apr-13	1	31.1	33.2	29.9	27.4	25.7	45.1
PAPA006	20-Apr-13	2	33.3	35.1	32.1	30.5	28.7	47.1
PAPA006	20-Apr-13	3	35.3	37.7	34.4	31.8	29.9	41.4
PAPA006	20-Apr-13	4	34.8	36.7	33.9	32.4	31.0	42.0
PAPA006	20-Apr-13	5	34.1	35.3	33.3	31.2	30.0	52.6
PAPA006	20-Apr-13	6	48.2	54.0	37.8	33.1	31.4	60.4
PAPA006	20-Apr-13	7	35.8	37.3	34.4	31.8	28.4	54.4
PAPA006	20-Apr-13	8	34.0	36.2	32.2	29.2	26.8	48.3
PAPA006	20-Apr-13	9	31.6	33.9	30.2	28.1	25.4	47.7
PAPA006	20-Apr-13	10	32.1	34.2	30.8	28.5	26.3	46.6
PAPA006	20-Apr-13	11	34.6	37.3	32.8	30.2	28.0	48.6
PAPA006	20-Apr-13	12	34.9	37.8	32.8	29.7	27.1	52.0
PAPA006	20-Apr-13	13	32.2	34.7	30.8	28.6	26.2	46.5
PAPA006	20-Apr-13	14	36.2	39.3	33.4	29.8	26.4	50.7
PAPA006	20-Apr-13	15	37.3	41.2	33.9	29.9	26.5	50.2
PAPA006	20-Apr-13	16	35.8	38.7	34.1	31.4	29.0	47.5
PAPA006	20-Apr-13	17	41.4	45.3	36.9	32.1	28.5	54.9
PAPA006	20-Apr-13	18	36.4	39.4	35.0	31.6	27.5	47.7

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA006	20-Apr-13	19	31.2	33.7	29.8	27.1	25.0	46.3
PAPA006	20-Apr-13	20	31.5	33.8	31.5	26.9	25.0	38.0
PAPA006	20-Apr-13	21	33.8	35.6	33.2	31.7	29.2	41.4
PAPA006	14-Apr-14	13	26.3	28.1	25.4	24.0	23.1	38.2
PAPA006	14-Apr-14	14	28.1	28.4	26.2	25.2	24.1	47.4
PAPA006	14-Apr-14	15	27.4	28.5	26.5	25.1	23.6	42.0
PAPA006	14-Apr-14	16	29.0	29.3	25.8	24.5	23.2	47.0
PAPA006	14-Apr-14	17	26.3	27.7	25.7	24.7	23.3	36.0
PAPA006	14-Apr-14	18	29.0	30.4	28.4	27.1	24.8	38.9
PAPA006	14-Apr-14	19	29.3	30.7	28.8	27.0	25.4	39.8
PAPA006	14-Apr-14	20	31.3	32.6	30.5	29.1	27.8	51.8
PAPA006	14-Apr-14	21	30.0	31.5	29.8	28.0	26.9	36.5
PAPA006	14-Apr-14	22	32.3	32.7	31.4	30.1	28.8	47.6
PAPA006	14-Apr-14	23	30.7	31.8	30.5	29.7	28.5	35.6
PAPA006	15-Apr-14	0	30.3	31.6	30.2	28.5	27.2	34.9
PAPA006	15-Apr-14	1	30.3	32.0	29.9	28.0	26.1	34.7
PAPA006	15-Apr-14	2	31.1	32.4	30.4	29.1	27.0	47.0
PAPA006	15-Apr-14	3	29.9	31.0	29.8	28.5	26.6	40.1
PAPA006	15-Apr-14	4	30.8	32.1	30.4	29.2	27.8	40.9
PAPA006	15-Apr-14	5	33.2	34.4	32.2	30.5	28.9	48.0
PAPA006	15-Apr-14	6	32.5	34.1	32.0	30.4	28.4	41.6
PAPA006	15-Apr-14	7	31.7	33.5	31.3	29.2	27.3	41.5
PAPA006	15-Apr-14	8	32.3	33.4	30.1	27.0	25.3	50.7
PAPA006	15-Apr-14	9	30.8	32.3	29.0	25.5	23.5	47.1
PAPA006	15-Apr-14	10	46.6	29.4	25.7	24.6	23.5	67.3
PAPA006	15-Apr-14	11	26.5	28.0	25.5	24.4	23.2	37.8
PAPA006	15-Apr-14	12	37.2	28.2	25.4	24.5	23.7	68.2
PAPA006	15-Apr-14	13	43.6	32.8	25.6	24.5	23.2	68.3
PAPA006	15-Apr-14	14	44.1	47.8	40.3	34.5	30.6	60.3
PAPA006	15-Apr-14	15	45.9	49.5	41.8	35.2	30.0	64.3
PAPA006	15-Apr-14	16	46.3	50.4	41.7	34.8	30.2	63.7
PAPA006	15-Apr-14	17	43.5	47.6	39.6	32.9	29.7	57.4
PAPA006	15-Apr-14	18	40.2	43.5	33.8	29.5	25.6	56.6
PAPA006	15-Apr-14	19	43.9	47.8	38.2	31.9	28.3	59.8
PAPA006	15-Apr-14	20	44.1	48.0	39.4	32.7	30.1	59.6
PAPA006	15-Apr-14	21	40.6	44.1	37.0	32.5	29.5	55.0
PAPA006	15-Apr-14	22	33.5	35.6	32.3	30.3	28.0	46.1
PAPA006	15-Apr-14	23	32.2	33.8	31.5	30.1	28.1	42.8
PAPA006	16-Apr-14	0	33.5	35.5	32.4	30.9	29.2	48.5
PAPA006	16-Apr-14	1	34.3	36.4	33.1	31.5	29.6	48.1
PAPA006	16-Apr-14	2	32.2	33.7	31.5	30.1	28.2	44.4
PAPA006	16-Apr-14	3	31.9	33.0	31.5	30.4	28.8	43.7
PAPA006	16-Apr-14	4	32.0	33.2	31.8	30.6	29.0	38.5
PAPA006	16-Apr-14	5	33.2	35.3	32.4	30.5	28.9	44.2
PAPA006	16-Apr-14	6	34.0	35.2	33.8	32.5	30.5	41.8
PAPA006	11-Apr-15	15	37.6	41.2	34.1	28.1	24.0	52.3

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA006	11-Apr-15	16	38.0	42.0	33.5	27.2	23.3	54.8
PAPA006	11-Apr-15	17	32.1	35.2	28.3	23.5	20.4	49.0
PAPA006	11-Apr-15	18	36.9	40.5	33.4	28.6	24.5	51.8
PAPA006	11-Apr-15	19	32.0	34.6	29.1	27.0	24.9	48.0
PAPA006	11-Apr-15	20	30.8	32.6	29.4	27.7	25.2	42.6
PAPA006	11-Apr-15	21	28.2	29.7	27.9	26.3	24.6	33.9
PAPA006	11-Apr-15	22	28.0	29.6	27.5	26.0	24.2	35.8
PAPA006	11-Apr-15	23	28.3	29.2	27.4	25.8	23.6	43.2
PAPA006	12-Apr-15	0	30.2	32.4	29.6	27.0	25.0	42.6
PAPA006	12-Apr-15	1	27.6	29.6	27.0	25.2	23.3	34.1
PAPA006	12-Apr-15	2	29.4	31.1	29.0	27.4	25.3	37.2
PAPA006	12-Apr-15	3	30.1	32.0	28.7	27.0	25.4	47.3
PAPA006	12-Apr-15	4	29.9	31.8	29.2	27.4	25.3	40.8
PAPA006	12-Apr-15	5	34.5	37.0	32.1	29.8	27.2	52.1
PAPA006	12-Apr-15	6	30.4	32.0	29.8	28.3	26.6	39.5
PAPA006	12-Apr-15	7	28.4	30.0	28.2	25.7	23.0	35.3
PAPA006	12-Apr-15	8	27.5	30.2	24.9	22.8	21.1	44.6
PAPA006	12-Apr-15	9	33.6	36.1	28.2	24.8	21.9	54.8
PAPA006	12-Apr-15	10	32.1	34.9	27.9	24.6	21.9	51.5
PAPA006	12-Apr-15	11	30.6	33.8	26.5	23.4	21.7	47.9
PAPA006	12-Apr-15	12	31.4	33.9	26.4	23.4	21.4	49.7
PAPA006	12-Apr-15	13	34.1	37.4	29.0	24.3	21.8	54.6
PAPA006	12-Apr-15	14	37.5	41.1	33.0	26.8	23.7	53.8
PAPA006	12-Apr-15	15	37.0	40.7	32.3	26.1	22.5	53.8
PAPA006	12-Apr-15	16	34.5	38.3	30.0	25.2	22.1	50.8
PAPA006	12-Apr-15	17	33.5	37.0	30.4	25.9	23.4	48.3
PAPA006	12-Apr-15	18	33.3	36.9	29.8	25.6	22.7	49.2
PAPA006	12-Apr-15	19	27.3	29.0	26.6	24.6	22.0	40.9
PAPA006	12-Apr-15	20	28.9	30.0	28.3	26.8	24.7	41.2
PAPA006	12-Apr-15	21	28.7	30.4	28.4	26.4	24.7	35.9
PAPA006	12-Apr-15	22	27.1	28.5	27.0	25.4	24.0	31.5
PAPA006	12-Apr-15	23	27.7	29.1	27.2	25.8	24.3	36.4
PAPA006	13-Apr-15	0	28.7	30.1	28.5	26.9	24.7	32.8
PAPA006	13-Apr-15	1	29.1	30.4	29.0	27.5	25.9	34.8
PAPA006	13-Apr-15	2	30.3	32.0	29.8	28.3	26.4	37.4
PAPA006	13-Apr-15	3	29.5	30.8	29.2	28.0	26.8	35.1
PAPA006	13-Apr-15	4	29.4	30.5	29.2	28.3	26.5	33.2
PAPA006	13-Apr-15	5	30.0	30.1	29.1	28.2	26.8	47.3
PAPA006	13-Apr-15	6	31.8	30.7	28.8	27.4	26.5	53.3
PAPA006	13-Apr-15	7	37.2	37.9	34.1	30.7	26.5	61.2
PAPA006	13-Apr-15	8	31.5	31.9	26.9	23.8	21.2	54.8
PAPA006	13-Apr-15	9	25.9	27.3	23.6	21.6	19.8	46.9
PAPA006	13-Apr-15	10	30.7	23.4	22.0	21.0	20.1	62.0
PAPA006	13-Apr-15	11	22.8	23.2	21.5	20.7	19.4	42.8
PAPA006	13-Apr-15	12	24.2	26.2	22.1	20.9	19.8	44.9
PAPA006	13-Apr-15	13	30.8	27.7	22.8	21.3	20.1	51.0

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA006	13-Apr-15	14	23.6	25.4	22.2	21.1	19.7	39.3
PAPA007	10-Apr-13	10	27.9	29.2	26.0	24.5	23.3	48.6
PAPA007	10-Apr-13	11	29.6	29.1	26.3	24.6	22.7	52.8
PAPA007	10-Apr-13	12	43.1	28.7	25.5	24.1	22.4	73.2
PAPA007	10-Apr-13	13	26.0	28.3	24.9	23.2	21.4	37.3
PAPA007	10-Apr-13	14	27.8	30.1	26.5	24.7	23.2	42.7
PAPA007	10-Apr-13	15	27.8	30.2	26.0	24.2	21.4	41.2
PAPA007	10-Apr-13	16	33.3	37.0	28.2	24.7	22.3	48.8
PAPA007	10-Apr-13	17	35.0	38.5	31.8	26.8	23.8	48.8
PAPA007	10-Apr-13	18	39.2	42.8	36.3	31.0	26.7	54.3
PAPA007	10-Apr-13	19	36.7	40.2	34.2	29.9	26.6	50.0
PAPA007	10-Apr-13	20	35.2	38.3	32.5	28.6	25.1	49.6
PAPA007	10-Apr-13	21	29.3	32.0	27.5	24.9	22.8	44.1
PAPA007	10-Apr-13	22	28.0	30.9	24.1	22.2	20.6	45.0
PAPA007	10-Apr-13	23	24.3	26.3	23.2	21.9	20.4	36.7
PAPA007	11-Apr-13	0	22.3	23.6	22.0	19.9	18.1	34.1
PAPA007	11-Apr-13	1	23.1	24.7	23.0	20.5	18.9	32.8
PAPA007	11-Apr-13	2	24.6	25.8	23.7	22.5	21.0	38.3
PAPA007	11-Apr-13	3	24.0	25.2	23.5	21.9	19.7	39.2
PAPA007	11-Apr-13	4	23.4	24.7	23.0	21.7	20.3	31.4
PAPA007	11-Apr-13	5	25.4	27.3	24.4	22.7	21.5	37.4
PAPA007	11-Apr-13	6	28.3	30.1	27.8	25.7	23.0	38.5
PAPA007	11-Apr-13	7	27.6	29.0	26.2	24.5	22.3	45.8
PAPA007	11-Apr-13	8	28.9	30.8	27.7	25.3	22.7	44.4
PAPA007	11-Apr-13	9	31.7	35.5	28.0	24.3	20.8	45.4
PAPA007	11-Apr-13	10	36.1	39.8	32.9	27.0	22.6	52.0
PAPA007	11-Apr-13	11	36.5	40.4	33.4	27.4	22.1	47.6
PAPA007	11-Apr-13	12	35.7	39.2	33.2	27.4	21.7	49.1
PAPA007	11-Apr-13	13	35.2	38.8	32.0	26.0	21.4	50.8
PAPA007	11-Apr-13	14	33.9	37.5	30.5	24.7	20.9	47.7
PAPA007	11-Apr-13	15	35.3	38.9	32.0	26.7	21.8	50.8
PAPA007	11-Apr-13	16	35.9	39.7	33.2	25.8	19.6	50.0
PAPA007	11-Apr-13	17	34.6	38.1	31.4	25.8	20.4	49.1
PAPA007	11-Apr-13	18	35.7	39.3	33.2	28.6	23.1	50.2
PAPA007	11-Apr-13	19	31.7	35.0	28.8	23.4	19.5	46.6
PAPA007	11-Apr-13	20	27.0	29.6	25.0	22.6	20.8	45.0
PAPA007	11-Apr-13	21	25.0	27.1	24.1	22.2	20.0	37.5
PAPA007	11-Apr-13	22	24.5	26.4	23.8	22.0	20.2	33.2
PAPA007	11-Apr-13	23	23.7	25.4	23.2	21.8	20.4	30.1
PAPA007	12-Apr-13	0	23.8	25.2	21.6	20.2	18.7	38.6
PAPA007	12-Apr-13	1	22.8	25.1	22.1	20.0	18.0	30.8
PAPA007	12-Apr-13	2	23.6	24.5	20.3	18.7	17.1	40.5
PAPA007	12-Apr-13	3	22.3	24.5	21.8	19.5	18.3	28.2
PAPA007	12-Apr-13	4	23.5	26.0	22.2	20.1	17.9	39.1
PAPA007	12-Apr-13	5	26.1	27.8	24.1	21.4	19.4	44.0
PAPA007	12-Apr-13	6	26.9	29.1	25.9	23.7	21.8	38.0

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA007	12-Apr-13	7	26.9	28.6	26.0	24.1	22.4	46.2
PAPA007	12-Apr-13	8	27.3	29.5	24.8	21.5	19.5	49.3
PAPA007	12-Apr-13	9	29.0	30.7	22.9	20.4	18.6	48.9
PAPA007	12-Apr-13	10	32.4	35.8	29.7	24.1	19.7	48.0
PAPA007	14-Apr-14	16	35.5	28.4	25.2	23.5	21.8	58.6
PAPA007	14-Apr-14	17	26.1	26.9	23.5	21.7	20.4	43.8
PAPA007	14-Apr-14	18	23.0	24.4	22.3	21.1	19.0	33.7
PAPA007	14-Apr-14	19	30.2	31.5	25.1	22.7	20.6	53.6
PAPA007	14-Apr-14	20	32.3	35.4	30.3	26.0	23.4	44.7
PAPA007	14-Apr-14	21	25.5	27.4	24.6	22.7	21.0	34.5
PAPA007	14-Apr-14	22	24.2	26.1	23.4	21.7	20.1	33.7
PAPA007	14-Apr-14	23	20.2	21.6	19.9	18.6	17.3	25.8
PAPA007	15-Apr-14	0	20.8	22.4	20.4	19.1	18.2	29.3
PAPA007	15-Apr-14	1	22.1	23.3	22.0	20.4	18.8	29.5
PAPA007	15-Apr-14	2	24.8	25.0	23.5	21.5	20.4	47.0
PAPA007	15-Apr-14	3	23.5	24.9	23.1	21.9	20.3	30.3
PAPA007	15-Apr-14	4	24.0	25.4	23.5	22.4	20.9	29.8
PAPA007	15-Apr-14	5	24.0	25.5	23.2	21.9	20.4	34.9
PAPA007	15-Apr-14	6	32.9	31.8	27.1	25.5	23.8	59.7
PAPA007	15-Apr-14	7	33.4	33.4	27.4	25.8	24.1	54.0
PAPA007	15-Apr-14	8	42.3	33.6	28.2	26.1	22.7	66.7
PAPA007	15-Apr-14	9	27.9	30.5	25.5	22.9	20.5	39.5
PAPA007	15-Apr-14	10	39.3	30.7	23.7	21.6	20.2	68.3
PAPA007	15-Apr-14	11	28.8	29.1	23.6	21.3	19.8	57.1
PAPA007	15-Apr-14	12	40.0	31.9	25.0	21.3	18.6	65.9
PAPA007	15-Apr-14	13	40.6	44.6	37.5	24.0	20.7	55.5
PAPA007	15-Apr-14	14	43.7	47.3	41.0	35.4	28.8	58.9
PAPA007	15-Apr-14	15	43.6	47.1	41.2	35.5	29.6	59.6
PAPA007	15-Apr-14	16	42.5	45.8	40.2	34.5	28.9	55.3
PAPA007	15-Apr-14	17	44.4	47.9	41.6	35.1	29.7	60.6
PAPA007	15-Apr-14	18	45.5	49.1	42.6	36.9	32.0	59.2
PAPA007	15-Apr-14	19	35.3	39.1	30.7	26.0	21.4	52.1
PAPA007	15-Apr-14	20	34.7	37.7	31.7	27.1	22.7	53.3
PAPA007	15-Apr-14	21	33.5	35.6	30.9	27.9	25.3	48.6
PAPA007	15-Apr-14	22	32.5	35.9	28.7	25.2	21.6	47.5
PAPA007	15-Apr-14	23	29.6	32.4	27.9	24.5	20.9	41.7
PAPA007	16-Apr-14	0	29.1	31.7	27.8	25.0	22.7	39.5
PAPA007	16-Apr-14	1	27.9	30.1	26.9	25.0	22.5	43.3
PAPA007	16-Apr-14	2	29.1	32.3	27.0	24.7	22.3	41.5
PAPA007	16-Apr-14	3	28.4	30.6	27.4	24.4	21.9	42.4
PAPA007	16-Apr-14	4	30.7	33.7	29.8	24.7	22.2	39.6
PAPA007	16-Apr-14	5	29.5	32.3	27.7	25.7	23.5	41.3
PAPA007	16-Apr-14	6	31.3	33.2	29.4	26.6	23.7	45.6
PAPA007	16-Apr-14	7	33.9	30.5	27.0	24.8	22.1	57.8
PAPA007	16-Apr-14	8	34.1	33.2	28.3	24.3	20.7	54.8
PAPA007	16-Apr-14	9	36.1	32.0	26.9	23.5	20.2	61.5

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA007	16-Apr-14	10	28.6	31.7	26.8	23.2	20.1	39.5
PAPA007	04-Apr-15	13	26.2	29.1	23.5	21.1	19.2	41.3
PAPA007	04-Apr-15	14	40.7	44.2	34.0	25.9	20.8	58.8
PAPA007	04-Apr-15	15	39.6	43.6	34.8	27.9	22.3	56.3
PAPA007	04-Apr-15	16	42.4	44.0	35.1	28.5	22.7	66.5
PAPA007	04-Apr-15	17	45.4	49.2	41.5	34.1	25.6	59.4
PAPA007	04-Apr-15	18	41.6	45.4	37.0	30.7	25.4	56.3
PAPA007	04-Apr-15	19	31.0	33.6	29.1	26.7	22.7	45.8
PAPA007	04-Apr-15	20	38.6	34.5	30.6	28.3	25.3	66.4
PAPA007	04-Apr-15	21	29.5	31.7	28.7	26.6	23.1	37.6
PAPA007	04-Apr-15	22	29.7	32.2	29.0	26.5	22.5	39.4
PAPA007	04-Apr-15	23	31.2	33.4	30.1	28.2	26.2	39.9
PAPA007	05-Apr-15	0	28.5	31.1	28.1	20.7	18.6	38.8
PAPA007	05-Apr-15	1	25.5	26.7	22.8	20.4	18.7	47.9
PAPA007	05-Apr-15	2	24.3	25.9	23.8	22.0	19.8	38.7
PAPA007	05-Apr-15	3	27.0	29.4	26.2	23.9	20.6	33.8
PAPA007	05-Apr-15	4	29.6	31.0	28.9	26.8	23.6	52.0
PAPA007	05-Apr-15	5	31.0	33.9	29.9	27.4	25.4	39.7
PAPA007	05-Apr-15	6	35.9	39.0	34.6	30.0	27.2	48.1
PAPA007	05-Apr-15	7	44.6	39.9	34.4	29.7	25.3	69.9
PAPA007	05-Apr-15	8	34.6	37.4	33.3	30.2	27.5	44.8
PAPA007	05-Apr-15	9	27.4	29.2	25.4	23.4	21.3	44.9
PAPA007	05-Apr-15	10	29.0	31.4	24.8	22.2	20.0	47.0
PAPA007	05-Apr-15	11	31.0	34.2	27.1	22.6	19.5	46.5
PAPA007	05-Apr-15	12	40.4	44.2	33.8	26.5	22.0	57.7
PAPA007	05-Apr-15	13	43.0	46.4	38.3	30.5	24.9	67.8
PAPA007	05-Apr-15	14	42.4	46.2	37.6	29.4	24.1	57.3
PAPA007	05-Apr-15	15	40.7	44.5	35.9	29.1	23.6	59.6
PAPA007	05-Apr-15	16	41.1	44.5	35.3	29.1	24.3	58.2
PAPA007	05-Apr-15	17	36.9	40.8	33.5	28.7	24.0	52.6
PAPA007	05-Apr-15	18	33.8	37.1	30.7	26.7	22.7	52.4
PAPA007	05-Apr-15	19	31.0	34.1	29.4	26.7	23.5	41.2
PAPA007	05-Apr-15	20	29.9	31.9	28.4	26.5	23.6	47.6
PAPA007	05-Apr-15	21	26.6	29.0	25.7	22.0	19.3	41.7
PAPA007	05-Apr-15	22	26.3	27.7	25.8	23.5	21.4	43.0
PAPA007	05-Apr-15	23	26.7	29.2	23.5	20.7	18.7	43.5
PAPA007	06-Apr-15	0	28.0	30.8	26.3	22.7	20.4	41.5
PAPA007	06-Apr-15	1	29.6	30.8	27.9	26.2	24.4	46.9
PAPA007	06-Apr-15	2	28.3	29.3	26.7	25.4	23.0	38.7
PAPA007	06-Apr-15	3	27.6	29.5	26.9	25.0	23.3	38.0
PAPA007	06-Apr-15	4	31.4	34.5	29.7	26.7	24.9	42.5
PAPA007	06-Apr-15	5	32.0	34.5	30.6	28.9	27.3	43.6
PAPA007	06-Apr-15	6	37.7	40.1	37.1	33.4	28.7	52.7
PAPA007	06-Apr-15	7	35.0	37.6	33.8	30.3	26.8	45.7
PAPA007	06-Apr-15	8	40.0	36.2	33.2	31.2	28.4	66.5
PAPA007	06-Apr-15	9	29.8	33.1	25.8	23.6	21.9	45.7

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA007	06-Apr-15	10	32.4	34.5	26.8	23.7	20.8	51.4
PAPA007	06-Apr-15	11	41.7	45.6	38.1	31.8	26.2	56.8
PAPA007	06-Apr-15	12	43.7	47.6	40.0	33.2	27.0	55.8
PAPA007	06-Apr-15	13	41.3	45.0	36.6	30.1	24.4	57.5
PAPA007	06-Apr-15	14	40.0	42.8	33.7	29.0	24.3	57.8
PAPA007	06-Apr-15	15	41.2	44.7	36.9	31.7	27.3	58.6
PAPA007	06-Apr-15	16	39.0	42.4	34.6	29.8	23.5	57.9
PAPA007	06-Apr-15	17	38.8	42.2	35.7	31.1	25.6	54.2
PAPA007	06-Apr-15	18	41.7	45.2	38.9	34.0	29.8	54.3
PAPA007	06-Apr-15	19	37.6	40.7	35.5	32.1	28.8	50.1
PAPA007	06-Apr-15	20	40.5	43.8	37.3	33.6	30.1	58.4
PAPA007	06-Apr-15	21	36.1	38.6	35.1	32.5	29.2	45.6
PAPA007	06-Apr-15	22	37.6	40.4	35.4	33.0	29.7	49.7
PAPA007	06-Apr-15	23	39.3	42.4	36.7	33.1	29.3	52.8
PAPA007	07-Apr-15	0	35.6	37.8	34.9	32.4	29.6	44.5
PAPA007	07-Apr-15	1	39.2	43.4	35.3	32.0	29.1	50.3
PAPA007	07-Apr-15	2	34.7	37.3	33.8	30.0	26.3	43.2
PAPA007	07-Apr-15	3	35.3	38.4	33.5	31.1	28.5	47.3
PAPA007	07-Apr-15	4	37.9	40.8	36.8	33.2	28.2	45.8
PAPA007	07-Apr-15	5	35.6	38.6	34.3	31.6	29.4	42.2
PAPA007	07-Apr-15	6	40.8	44.7	38.1	34.0	28.5	51.3
PAPA007	07-Apr-15	7	38.3	41.9	36.5	31.7	29.2	47.6
PAPA007	07-Apr-15	8	36.3	37.5	33.2	28.8	24.0	58.7
PAPA007	07-Apr-15	9	29.1	31.7	26.6	24.6	21.6	43.7
PAPA007	07-Apr-15	10	33.2	32.8	29.2	26.5	24.9	54.6
PAPA007	07-Apr-15	11	33.3	34.6	32.4	30.9	28.9	47.0
PAPA007	07-Apr-15	12	31.4	32.6	30.8	28.9	25.4	46.1
PAPA007	07-Apr-15	13	30.8	30.2	28.1	25.9	23.8	51.2
PAPA007	07-Apr-15	14	28.9	31.3	28.2	24.6	22.3	43.0
PAPA007	07-Apr-15	15	27.6	29.8	25.5	23.6	21.8	41.0
PAPA007	07-Apr-15	16	33.7	33.3	27.4	24.7	22.3	54.2
PAPA007	07-Apr-15	17	36.9	39.6	34.0	30.4	26.6	53.2
PAPA007	07-Apr-15	18	33.0	35.2	32.0	29.6	27.0	47.4
PAPA007	07-Apr-15	19	31.3	33.5	30.1	28.1	25.9	40.8
PAPA007	07-Apr-15	20	36.3	38.6	35.7	32.8	30.7	46.6
PAPA007	07-Apr-15	21	33.3	37.5	29.9	27.6	25.9	42.2
PAPA007	07-Apr-15	22	27.0	28.9	26.5	21.9	19.2	43.5
PAPA007	07-Apr-15	23	27.6	30.2	25.8	23.4	20.2	40.3
PAPA007	08-Apr-15	0	27.7	30.4	25.5	22.8	20.7	42.0
PAPA007	08-Apr-15	1	28.9	31.8	27.4	25.0	21.8	39.8
PAPA007	08-Apr-15	2	28.3	30.3	27.5	25.4	21.8	36.8
PAPA007	08-Apr-15	3	23.6	26.0	22.8	19.7	16.8	32.2
PAPA007	08-Apr-15	4	26.6	29.3	25.3	22.2	20.2	39.0
PAPA007	08-Apr-15	5	27.5	30.3	26.4	22.5	19.1	39.7
PAPA007	08-Apr-15	6	29.0	31.5	27.0	21.7	17.1	47.8
PAPA007	08-Apr-15	7	31.8	32.2	27.5	24.3	20.6	56.3

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA007	08-Apr-15	8	31.3	32.2	26.3	22.6	19.1	56.3
PAPA007	08-Apr-15	9	25.7	27.8	24.9	22.6	19.1	39.8
PAPA007	08-Apr-15	10	35.8	30.6	25.5	22.9	20.9	66.0
PAPA007	08-Apr-15	11	23.8	25.5	22.3	19.4	17.6	48.1
PAPA007	08-Apr-15	12	24.1	26.2	23.1	20.6	18.5	38.5
PAPA007	08-Apr-15	13	27.2	29.3	25.7	23.2	21.5	41.2
PAPA007	08-Apr-15	14	31.0	32.7	27.7	24.2	21.6	56.9
PAPA007	08-Apr-15	15	30.5	30.8	27.4	25.3	22.3	51.4
PAPA007	08-Apr-15	16	29.3	31.7	28.3	25.1	22.7	41.3
PAPA007	08-Apr-15	17	30.7	32.5	29.7	27.2	23.9	48.3
PAPA007	08-Apr-15	18	30.9	33.6	29.9	26.7	21.6	44.1
PAPA007	08-Apr-15	19	28.1	31.1	26.2	22.3	20.0	41.4
PAPA007	08-Apr-15	20	31.3	33.9	29.6	26.2	22.4	48.7
PAPA007	08-Apr-15	21	31.6	36.0	28.6	21.8	18.7	41.3
PAPA007	08-Apr-15	22	28.8	32.9	24.5	19.6	18.1	41.1
PAPA007	08-Apr-15	23	33.4	36.8	31.5	28.3	24.3	43.5
PAPA007	09-Apr-15	0	31.3	34.0	29.5	24.7	20.7	43.8
PAPA007	09-Apr-15	1	33.2	36.4	31.3	26.1	21.0	46.3
PAPA007	09-Apr-15	2	35.7	38.9	33.6	30.5	28.0	45.6
PAPA007	09-Apr-15	3	37.6	43.0	22.2	19.6	18.1	50.4
PAPA007	09-Apr-15	4	22.7	23.6	21.3	19.7	17.9	40.1
PAPA007	09-Apr-15	5	30.2	35.6	22.7	20.4	18.8	44.5
PAPA007	09-Apr-15	6	33.9	38.1	30.7	20.3	16.7	57.3
PAPA007	09-Apr-15	7	31.2	35.4	27.1	20.1	16.4	46.0
PAPA007	09-Apr-15	8	31.8	34.0	27.1	23.2	20.1	54.0
PAPA007	09-Apr-15	9	25.3	26.8	20.5	18.6	17.1	41.6
PAPA007	09-Apr-15	10	21.0	23.2	19.7	18.3	16.9	34.9
PAPA007	09-Apr-15	11	27.9	27.8	24.4	22.7	20.6	48.2
PAPA007	09-Apr-15	12	25.5	27.2	25.4	23.2	21.3	31.9
PAPA007	09-Apr-15	13	22.9	24.2	22.2	20.9	20.1	34.9
PAPA007	09-Apr-15	14	34.1	28.4	22.2	20.6	19.1	61.3
PAPA007	09-Apr-15	15	24.5	26.7	22.3	20.2	18.8	40.4
PAPA007	09-Apr-15	16	24.7	26.9	22.5	20.4	18.6	40.1
PAPA007	09-Apr-15	17	28.7	31.5	27.3	21.8	19.2	41.4
PAPA007	09-Apr-15	18	24.7	27.0	24.2	20.4	18.7	37.3
PAPA007	09-Apr-15	19	29.1	33.0	27.3	21.4	19.0	39.9
PAPA007	09-Apr-15	20	34.1	36.6	32.4	28.1	25.5	52.1
PAPA007	09-Apr-15	21	29.8	32.1	29.0	27.4	25.1	38.7
PAPA007	09-Apr-15	22	30.2	32.8	28.9	26.6	24.7	40.5
PAPA007	09-Apr-15	23	28.2	30.3	27.3	25.5	23.2	35.4
PAPA007	10-Apr-15	0	28.6	30.6	28.5	25.1	23.2	36.0
PAPA007	10-Apr-15	1	28.1	29.3	26.7	24.8	22.9	49.5
PAPA007	10-Apr-15	2	30.9	33.8	29.6	28.0	26.6	41.2
PAPA007	10-Apr-15	3	31.4	33.3	30.7	29.0	26.6	40.2
PAPA007	10-Apr-15	4	33.5	35.3	33.2	30.7	28.7	40.9
PAPA007	10-Apr-15	5	33.3	36.5	31.4	29.1	27.1	46.3

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA007	10-Apr-15	6	36.0	38.7	34.8	31.9	29.5	49.4
PAPA007	10-Apr-15	7	34.1	36.3	32.9	30.9	28.2	51.8
PAPA007	10-Apr-15	8	33.6	35.1	33.0	31.5	29.1	43.1
PAPA007	10-Apr-15	9	33.3	35.6	32.8	29.2	25.4	52.6
PAPA007	10-Apr-15	10	24.7	26.2	24.4	22.9	20.9	31.3
PAPA007	10-Apr-15	11	27.8	26.7	24.0	22.0	20.2	58.2
PAPA007	10-Apr-15	12	23.9	25.5	22.8	21.2	19.5	41.3
PAPA007	10-Apr-15	13	24.2	25.5	22.9	21.3	19.5	40.1
PAPA007	10-Apr-15	14	27.9	28.2	23.7	21.3	19.6	46.6
PAPA007	10-Apr-15	15	31.2	27.3	23.2	21.1	19.5	59.6
PAPA007	10-Apr-15	16	25.0	25.2	22.1	20.3	18.8	52.2
PAPA007	10-Apr-15	17	26.0	28.1	24.1	20.7	18.8	44.3
PAPA007	10-Apr-15	18	23.4	25.2	22.1	19.9	17.7	38.8
PAPA007	10-Apr-15	19	27.3	29.6	24.7	20.9	18.5	45.0
PAPA007	10-Apr-15	20	31.1	34.1	29.2	25.1	21.3	46.8
PAPA007	10-Apr-15	21	29.1	31.8	27.0	24.0	21.3	48.5
PAPA007	10-Apr-15	22	32.7	36.3	30.3	26.0	22.3	47.1
PAPA007	10-Apr-15	23	27.3	29.4	27.2	22.8	20.3	35.8
PAPA007	11-Apr-15	0	28.6	31.4	27.6	24.8	22.2	35.3
PAPA007	11-Apr-15	1	29.3	31.0	28.7	26.9	24.8	36.2
PAPA007	11-Apr-15	2	31.9	33.7	31.7	28.9	27.1	37.9
PAPA007	11-Apr-15	3	31.9	34.7	30.8	28.5	26.2	39.4
PAPA007	11-Apr-15	4	31.5	34.2	30.4	28.4	26.3	43.2
PAPA007	11-Apr-15	5	35.4	38.7	33.8	30.1	26.8	48.5
PAPA007	11-Apr-15	6	35.1	38.4	33.3	29.8	27.3	51.6
PAPA007	11-Apr-15	7	35.3	37.7	34.1	31.7	28.7	46.8
PAPA007	11-Apr-15	8	33.9	37.3	32.5	28.3	25.5	44.1
PAPA007	11-Apr-15	9	29.3	31.2	28.2	26.0	24.2	43.5
PAPA007	11-Apr-15	10	30.6	31.3	28.1	25.5	23.2	50.3
PAPA007	11-Apr-15	11	31.5	31.2	26.1	23.3	21.6	62.8
PAPA007	11-Apr-15	12	38.1	41.4	32.1	26.4	23.0	56.2
PAPA007	11-Apr-15	13	36.2	39.9	32.2	26.9	23.3	50.0
PAPA007	11-Apr-15	14	37.0	40.3	32.8	26.6	22.3	51.8
PAPA007	11-Apr-15	15	38.8	42.6	34.2	27.3	22.2	56.5
PAPA007	11-Apr-15	16	35.3	38.5	31.5	27.1	22.6	55.6
PAPA007	11-Apr-15	17	37.0	40.5	33.8	28.6	24.4	53.1
PAPA007	11-Apr-15	18	37.2	40.7	33.8	28.4	24.9	53.2
PAPA007	11-Apr-15	19	34.1	37.2	31.5	28.5	25.6	47.8
PAPA007	11-Apr-15	20	31.5	33.4	31.0	28.8	26.5	42.6
PAPA007	11-Apr-15	21	34.2	36.4	33.9	30.6	28.0	40.3
PAPA007	11-Apr-15	22	34.1	36.5	33.4	31.0	28.6	41.1
PAPA007	11-Apr-15	23	32.9	35.5	32.2	29.6	27.5	40.9
PAPA007	12-Apr-15	0	30.9	32.8	30.5	28.9	27.1	35.7
PAPA007	12-Apr-15	1	33.2	34.6	32.3	30.2	28.0	52.9
PAPA007	12-Apr-15	2	31.6	33.5	31.1	28.9	26.6	43.3
PAPA007	12-Apr-15	3	32.2	33.3	30.2	27.9	23.8	57.8

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA007	12-Apr-15	4	30.6	33.4	29.4	26.4	23.6	39.3
PAPA007	12-Apr-15	5	32.8	35.7	31.5	28.5	25.6	44.9
PAPA007	12-Apr-15	6	36.4	38.8	35.1	31.4	27.6	50.5
PAPA007	12-Apr-15	7	32.2	34.7	30.8	27.5	24.6	46.2
PAPA007	12-Apr-15	8	33.6	35.9	30.2	26.0	22.4	55.4
PAPA008	10-Apr-13	11	28.5	28.7	26.5	25.1	23.7	47.9
PAPA008	10-Apr-13	12	38.4	29.3	26.5	25.0	23.4	64.5
PAPA008	10-Apr-13	13	27.0	29.0	26.3	24.6	22.4	34.6
PAPA008	10-Apr-13	14	28.7	30.3	28.1	26.7	25.0	38.6
PAPA008	10-Apr-13	15	28.2	30.3	27.0	25.2	22.8	38.2
PAPA008	10-Apr-13	16	30.8	34.3	27.8	25.2	23.1	43.9
PAPA008	10-Apr-13	17	33.6	36.7	31.2	27.0	24.2	47.4
PAPA008	10-Apr-13	18	38.3	41.6	36.3	31.2	26.5	49.6
PAPA008	10-Apr-13	19	37.7	41.2	35.7	30.6	26.3	51.0
PAPA008	10-Apr-13	20	36.7	40.1	34.6	29.7	25.7	49.9
PAPA008	10-Apr-13	21	26.3	28.4	25.4	23.2	21.4	36.7
PAPA008	10-Apr-13	22	26.2	28.2	25.0	23.3	21.4	38.6
PAPA008	10-Apr-13	23	24.0	25.7	22.9	21.7	20.3	35.2
PAPA008	11-Apr-13	0	23.1	24.4	22.6	21.4	19.9	30.5
PAPA008	11-Apr-13	1	24.6	26.3	24.2	22.3	20.6	30.8
PAPA008	11-Apr-13	2	27.9	29.1	26.2	24.0	22.0	46.0
PAPA008	11-Apr-13	3	26.0	27.2	25.3	23.9	22.3	36.2
PAPA008	11-Apr-13	4	24.3	26.5	23.3	21.6	20.5	32.0
PAPA008	11-Apr-13	5	24.3	26.1	23.6	22.0	20.5	34.8
PAPA008	11-Apr-13	6	26.5	26.9	24.5	22.6	21.3	51.5
PAPA008	11-Apr-13	7	27.2	28.9	25.8	23.7	21.2	43.8
PAPA008	11-Apr-13	8	29.8	32.4	28.7	26.1	23.2	41.4
PAPA008	11-Apr-13	9	32.3	34.8	29.9	26.3	23.0	50.9
PAPA008	11-Apr-13	10	35.5	38.9	33.5	28.6	24.1	47.1
PAPA008	11-Apr-13	11	36.7	40.4	34.4	28.8	22.3	49.5
PAPA008	11-Apr-13	12	35.9	39.5	33.3	27.9	22.7	47.8
PAPA008	11-Apr-13	13	36.1	39.7	33.5	26.9	23.0	49.8
PAPA008	11-Apr-13	14	34.7	38.1	31.8	26.0	20.5	52.6
PAPA008	11-Apr-13	15	34.3	38.0	31.1	25.8	21.5	47.6
PAPA008	11-Apr-13	16	35.9	39.4	33.5	27.5	22.3	49.0
PAPA008	11-Apr-13	17	36.3	39.7	34.1	28.6	22.9	47.6
PAPA008	11-Apr-13	18	33.6	37.4	31.3	24.6	21.2	44.8
PAPA008	11-Apr-13	19	32.6	35.8	30.4	25.6	22.4	51.7
PAPA008	11-Apr-13	20	28.5	31.4	25.9	22.9	21.5	47.1
PAPA008	11-Apr-13	21	25.5	28.0	24.1	22.3	20.9	42.9
PAPA008	11-Apr-13	22	26.1	29.0	24.4	22.9	21.2	36.7
PAPA008	11-Apr-13	23	24.4	25.9	24.0	22.8	21.3	31.5
PAPA008	12-Apr-13	0	24.2	25.6	22.3	20.7	19.7	36.5
PAPA008	12-Apr-13	1	23.9	25.4	23.0	21.4	20.4	34.5
PAPA008	12-Apr-13	2	22.5	24.1	21.6	20.7	19.5	32.8
PAPA008	12-Apr-13	3	23.0	24.4	22.6	20.8	19.5	33.8

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA008	12-Apr-13	4	23.0	24.8	22.3	20.5	18.8	34.7
PAPA008	12-Apr-13	5	24.6	26.3	24.0	21.9	20.2	36.7
PAPA008	12-Apr-13	6	27.3	29.9	25.9	24.0	22.3	38.7
PAPA008	12-Apr-13	7	27.4	29.6	26.3	24.4	21.6	42.2
PAPA008	12-Apr-13	8	28.6	27.9	22.5	20.8	19.2	53.6
PAPA008	12-Apr-13	9	27.5	28.5	23.0	20.6	18.9	46.3
PAPA008	12-Apr-13	10	30.2	33.1	28.1	23.8	20.9	46.9
PAPA008	12-Apr-13	11	28.9	32.3	26.2	21.7	19.2	44.4
PAPA008	12-Apr-13	12	27.8	31.3	24.8	20.3	18.0	41.1
PAPA008	24-Apr-14	17	25.6	29.0	22.7	19.5	17.5	40.0
PAPA008	24-Apr-14	18	19.9	22.2	18.2	16.9	15.8	35.9
PAPA008	24-Apr-14	19	28.2	26.5	18.7	17.4	16.2	51.7
PAPA008	24-Apr-14	20	32.6	37.1	21.7	19.1	17.2	48.4
PAPA008	24-Apr-14	21	25.6	27.0	23.0	20.5	18.0	45.1
PAPA008	24-Apr-14	22	23.8	26.2	22.6	20.9	19.6	35.7
PAPA008	24-Apr-14	23	23.1	24.5	22.8	21.6	20.5	28.8
PAPA008	25-Apr-14	0	23.8	25.1	21.2	20.0	18.7	38.2
PAPA008	25-Apr-14	1	23.5	22.4	19.9	18.8	18.0	44.3
PAPA008	25-Apr-14	2	19.4	20.0	19.3	18.6	17.9	29.3
PAPA008	25-Apr-14	3	22.0	24.0	21.8	19.2	18.3	27.5
PAPA008	25-Apr-14	4	24.1	26.1	23.4	20.5	19.1	34.2
PAPA008	25-Apr-14	5	38.0	43.0	29.9	22.1	19.7	50.7
PAPA008	25-Apr-14	6	28.0	27.0	23.7	21.6	18.9	46.3
PAPA008	25-Apr-14	7	29.3	31.1	28.4	26.3	23.3	42.1
PAPA008	25-Apr-14	8	30.4	32.4	29.2	26.3	24.1	48.9
PAPA008	25-Apr-14	9	26.1	27.9	24.6	22.7	20.1	50.2
PAPA008	25-Apr-14	10	23.0	24.2	21.8	19.2	17.9	39.9
PAPA008	25-Apr-14	11	25.7	28.6	21.3	18.9	17.1	42.6
PAPA008	25-Apr-14	12	29.8	29.4	21.0	18.4	17.0	50.7
PAPA008	25-Apr-14	13	30.0	29.9	22.9	19.2	17.6	50.1
PAPA008	25-Apr-14	14	22.6	25.4	21.0	17.7	16.4	36.9
PAPA008	25-Apr-14	15	28.8	32.1	24.8	20.5	17.5	47.0
PAPA008	25-Apr-14	16	21.7	24.7	18.5	16.5	15.7	35.2
PAPA008	25-Apr-14	17	18.8	21.3	17.5	15.9	15.4	29.6
PAPA008	25-Apr-14	18	23.1	21.5	17.5	16.4	15.5	42.2
PAPA008	25-Apr-14	19	26.7	24.7	20.6	18.6	17.1	53.0
PAPA008	25-Apr-14	20	31.1	35.2	22.1	18.7	17.0	51.1
PAPA008	25-Apr-14	21	26.2	29.3	24.3	19.8	16.7	36.9
PAPA008	25-Apr-14	22	29.5	34.3	24.4	19.8	16.2	41.1
PAPA008	25-Apr-14	23	31.5	33.9	30.8	28.4	26.3	38.5
PAPA008	26-Apr-14	0	32.1	34.7	30.7	27.8	25.5	42.0
PAPA008	26-Apr-14	1	35.4	38.4	33.2	30.1	25.8	48.9
PAPA008	26-Apr-14	2	30.3	32.7	29.1	26.7	24.3	40.0
PAPA008	26-Apr-14	3	29.8	32.5	28.0	25.8	23.8	42.7
PAPA008	26-Apr-14	4	29.2	31.2	28.8	26.5	24.2	35.5
PAPA008	26-Apr-14	5	39.8	44.3	35.0	28.7	26.8	50.4

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA008	26-Apr-14	6	35.2	39.4	27.5	24.8	22.5	49.2
PAPA008	26-Apr-14	7	25.9	28.1	24.2	22.4	20.5	40.3
PAPA008	26-Apr-14	8	28.1	28.7	23.3	21.1	19.2	51.3
PAPA008	26-Apr-14	9	31.8	35.1	27.5	23.8	20.2	54.1
PAPA008	26-Apr-14	10	25.9	28.5	23.1	19.6	17.9	46.9
PAPA008	26-Apr-14	11	26.2	28.6	24.5	20.6	18.8	43.2
PAPA008	26-Apr-14	12	24.4	26.1	21.8	18.9	17.3	41.4
PAPA008	26-Apr-14	13	33.3	37.1	30.0	22.3	17.1	47.4
PAPA008	26-Apr-14	14	33.4	35.1	26.7	20.1	17.7	57.8
PAPA008	26-Apr-14	15	29.6	33.1	25.5	20.2	17.1	45.5
PAPA008	26-Apr-14	16	41.1	44.9	38.2	31.4	24.2	54.5
PAPA008	26-Apr-14	17	32.8	36.7	29.5	22.6	18.1	47.7
PAPA008	26-Apr-14	18	22.6	25.2	20.4	18.2	16.0	37.0
PAPA008	26-Apr-14	19	27.7	30.8	25.5	21.8	18.0	40.5
PAPA008	26-Apr-14	20	33.6	37.2	30.1	26.3	23.4	47.4
PAPA008	26-Apr-14	21	26.1	27.8	25.2	23.7	22.1	35.7
PAPA008	26-Apr-14	22	26.3	27.8	24.5	22.4	21.1	41.8
PAPA008	26-Apr-14	23	24.1	26.0	23.4	21.8	20.3	34.0
PAPA008	27-Apr-14	0	22.1	23.3	21.4	20.3	18.6	34.3
PAPA008	27-Apr-14	1	24.1	26.4	22.8	20.9	19.1	39.2
PAPA008	27-Apr-14	2	27.6	30.4	25.3	22.5	20.1	45.5
PAPA008	27-Apr-14	3	28.1	31.0	26.0	22.9	20.3	42.8
PAPA008	27-Apr-14	4	29.2	32.5	26.5	23.1	21.0	43.6
PAPA008	27-Apr-14	5	28.9	31.5	27.5	24.5	21.7	40.8
PAPA008	27-Apr-14	6	26.8	29.3	25.6	23.5	21.6	38.2
PAPA008	27-Apr-14	7	28.1	31.0	26.3	23.5	21.4	41.3
PAPA008	27-Apr-14	8	32.5	36.0	29.7	25.7	22.6	44.3
PAPA008	27-Apr-14	9	35.2	38.9	32.2	26.8	23.0	51.7
PAPA008	27-Apr-14	10	39.7	43.3	37.3	32.2	25.8	52.4
PAPA008	27-Apr-14	11	39.5	43.0	37.2	31.6	26.5	51.2
PAPA008	27-Apr-14	12	40.4	44.1	37.4	31.7	23.9	55.3
PAPA008	27-Apr-14	13	40.8	44.4	38.3	32.8	25.8	54.3
PAPA008	27-Apr-14	14	42.8	46.1	40.7	34.9	28.5	56.6
PAPA008	27-Apr-14	15	40.7	44.3	38.4	32.7	25.6	53.2
PAPA008	27-Apr-14	16	42.0	45.5	39.4	33.5	26.0	55.7
PAPA008	27-Apr-14	17	41.5	45.2	39.0	32.1	25.2	54.1
PAPA008	27-Apr-14	18	38.5	42.1	35.4	29.5	24.4	52.8
PAPA008	27-Apr-14	19	30.4	33.7	26.6	22.1	18.4	46.1
PAPA008	27-Apr-14	20	23.6	26.2	22.1	19.5	17.6	39.5
PAPA008	27-Apr-14	21	25.5	28.4	23.0	20.8	18.6	39.5
PAPA008	27-Apr-14	22	23.9	24.5	21.5	20.3	19.1	40.3
PAPA008	27-Apr-14	23	23.8	24.8	21.5	20.5	19.4	39.5
PAPA008	28-Apr-14	0	21.9	22.9	21.6	20.6	19.2	32.3
PAPA008	28-Apr-14	1	22.8	24.2	22.6	21.4	19.5	28.3
PAPA008	28-Apr-14	2	23.7	25.4	23.2	22.0	20.5	33.0
PAPA008	28-Apr-14	3	23.9	25.3	23.3	22.0	20.3	33.2

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA008	28-Apr-14	4	24.1	25.4	23.6	22.2	20.7	35.9
PAPA008	28-Apr-14	5	29.3	31.8	24.9	22.5	20.3	43.9
PAPA008	28-Apr-14	6	27.1	29.5	25.7	23.6	21.4	40.9
PAPA008	28-Apr-14	7	31.8	33.8	28.6	25.1	22.0	49.0
PAPA008	28-Apr-14	8	37.6	41.1	34.7	29.2	24.0	52.0
PAPA008	28-Apr-14	9	42.0	45.6	39.6	34.0	27.5	54.5
PAPA008	28-Apr-14	10	45.3	48.6	43.3	37.7	31.8	58.0
PAPA008	28-Apr-14	11	45.2	48.7	42.7	37.0	29.3	58.3
PAPA008	28-Apr-14	12	44.6	48.2	41.9	35.6	29.5	59.0
PAPA008	28-Apr-14	13	43.5	47.2	40.7	35.0	27.9	58.6
PAPA008	28-Apr-14	14	43.5	47.2	40.5	34.3	25.4	58.3
PAPA008	28-Apr-14	15	43.8	47.1	41.0	34.6	28.7	60.0
PAPA008	28-Apr-14	16	45.1	48.5	42.0	35.7	29.0	60.3
PAPA008	28-Apr-14	17	45.8	49.4	43.7	38.0	29.7	58.5
PAPA008	28-Apr-14	18	44.7	48.3	42.5	37.2	31.1	59.3
PAPA008	12-Apr-15	11	33.6	36.4	30.3	26.2	22.3	54.6
PAPA008	12-Apr-15	12	34.5	33.3	28.7	25.4	22.7	63.2
PAPA008	12-Apr-15	13	31.3	34.0	29.0	26.0	22.5	47.2
PAPA008	12-Apr-15	14	31.1	33.1	28.3	25.5	22.0	49.6
PAPA008	12-Apr-15	15	32.6	35.3	29.9	26.2	22.8	48.4
PAPA008	12-Apr-15	16	34.8	37.8	31.4	27.8	24.3	50.1
PAPA008	12-Apr-15	17	33.9	36.8	31.9	28.2	24.5	46.4
PAPA008	12-Apr-15	18	31.5	34.3	29.9	26.2	22.3	43.0
PAPA008	12-Apr-15	19	31.7	34.4	30.6	27.4	22.3	40.7
PAPA008	12-Apr-15	20	33.9	35.8	33.5	31.5	28.1	43.3
PAPA008	12-Apr-15	21	32.1	33.8	31.9	29.6	26.1	39.2
PAPA008	12-Apr-15	22	31.1	33.0	30.5	28.5	25.3	40.7
PAPA008	12-Apr-15	23	29.8	31.3	29.5	27.8	25.3	34.7
PAPA008	13-Apr-15	0	30.5	32.1	30.1	28.5	26.6	37.9
PAPA008	13-Apr-15	1	30.3	31.7	29.9	28.2	25.8	39.3
PAPA008	13-Apr-15	2	30.9	34.4	29.2	25.8	24.3	37.6
PAPA008	13-Apr-15	3	34.4	36.6	33.2	31.2	28.5	47.4
PAPA008	13-Apr-15	4	32.3	34.7	32.1	26.9	25.4	38.2
PAPA008	13-Apr-15	5	36.5	40.5	33.2	31.1	29.7	49.4
PAPA008	13-Apr-15	6	34.9	37.3	33.3	30.4	28.5	48.0
PAPA008	13-Apr-15	7	36.3	39.7	32.8	30.3	27.8	55.6
PAPA008	13-Apr-15	8	31.2	34.3	28.6	25.3	22.9	54.1
PAPA008	13-Apr-15	9	35.2	28.9	25.3	23.7	21.8	63.8
PAPA008	13-Apr-15	10	26.7	26.3	24.2	22.7	20.9	49.8
PAPA008	13-Apr-15	11	23.9	25.1	22.7	21.4	20.3	42.8
PAPA008	13-Apr-15	12	25.6	26.8	23.0	21.2	19.5	51.8
PAPA008	13-Apr-15	13	28.7	26.7	22.7	21.0	19.4	55.1
PAPA008	13-Apr-15	14	24.4	26.3	22.9	21.2	19.4	45.4
PAPA008	13-Apr-15	15	27.1	28.6	24.3	22.0	20.2	44.5
PAPA008	13-Apr-15	16	28.2	30.4	25.5	22.6	20.4	48.1
PAPA008	13-Apr-15	17	29.1	31.7	27.4	24.2	20.7	49.4

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA008	13-Apr-15	18	33.5	31.0	27.4	24.8	21.2	58.8
PAPA008	13-Apr-15	19	29.3	31.3	28.7	26.1	23.0	38.1
PAPA008	13-Apr-15	20	32.8	34.6	31.4	26.7	22.9	46.6
PAPA008	13-Apr-15	21	33.5	36.2	32.8	30.2	26.9	42.5
PAPA008	13-Apr-15	22	32.4	34.6	30.9	27.6	25.7	41.4
PAPA008	13-Apr-15	23	29.4	30.8	28.9	27.9	26.5	41.5
PAPA008	14-Apr-15	0	32.8	34.2	32.6	30.7	27.5	46.3
PAPA008	14-Apr-15	1	30.8	33.2	30.1	26.4	23.6	41.1
PAPA008	14-Apr-15	2	26.9	29.4	26.2	23.6	21.9	32.9
PAPA008	14-Apr-15	3	30.4	31.7	30.1	28.6	26.2	41.7
PAPA008	14-Apr-15	4	29.8	31.4	29.1	27.5	25.5	43.4
PAPA008	14-Apr-15	5	34.7	38.3	32.3	28.9	26.3	48.2
PAPA008	14-Apr-15	6	34.4	36.9	32.8	30.4	27.8	47.4
PAPA008	14-Apr-15	7	34.8	36.9	32.9	30.6	28.1	50.6
PAPA008	14-Apr-15	8	35.4	36.1	31.7	29.7	27.2	61.2
PAPA008	14-Apr-15	9	34.0	35.8	32.4	30.3	27.3	52.3
PAPA008	14-Apr-15	10	34.2	37.1	31.3	27.1	23.0	51.9
PAPA009	10-Apr-13	12	34.1	25.5	23.5	22.1	20.8	59.0
PAPA009	10-Apr-13	13	25.7	27.1	25.2	23.3	21.7	35.5
PAPA009	10-Apr-13	14	27.8	29.5	27.2	25.9	23.6	40.4
PAPA009	10-Apr-13	15	28.0	30.0	26.9	25.0	22.7	43.1
PAPA009	10-Apr-13	16	28.7	31.4	26.3	24.6	23.5	42.8
PAPA009	10-Apr-13	17	32.1	35.2	29.4	25.7	22.9	46.1
PAPA009	10-Apr-13	18	37.1	40.3	35.3	30.1	26.0	48.7
PAPA009	10-Apr-13	19	35.0	37.8	32.6	28.0	23.9	52.1
PAPA009	10-Apr-13	20	35.1	38.1	33.7	30.3	27.4	45.0
PAPA009	10-Apr-13	21	26.5	29.4	24.7	22.4	20.8	38.7
PAPA009	10-Apr-13	22	26.4	28.6	25.3	23.5	21.6	37.0
PAPA009	10-Apr-13	23	26.0	28.2	24.5	22.2	20.0	39.8
PAPA009	11-Apr-13	0	23.9	25.7	23.5	21.7	20.3	30.3
PAPA009	11-Apr-13	1	29.7	32.6	28.2	25.8	24.2	40.1
PAPA009	11-Apr-13	2	32.7	35.1	31.2	28.3	25.6	49.2
PAPA009	11-Apr-13	3	29.9	32.6	29.1	25.3	20.1	38.8
PAPA009	11-Apr-13	4	25.7	27.9	25.1	22.7	20.4	33.6
PAPA009	11-Apr-13	5	26.3	28.7	25.3	23.1	22.1	32.9
PAPA009	11-Apr-13	6	25.5	26.9	25.3	23.7	22.0	35.6
PAPA009	11-Apr-13	7	27.6	28.9	26.5	24.5	22.1	44.6
PAPA009	11-Apr-13	8	29.9	32.7	28.6	25.5	22.3	40.6
PAPA009	11-Apr-13	9	33.5	36.5	31.3	27.4	24.4	47.6
PAPA009	11-Apr-13	10	35.6	38.8	33.7	29.2	24.3	47.6
PAPA009	11-Apr-13	11	35.3	39.1	32.9	27.9	22.4	50.4
PAPA009	11-Apr-13	12	35.5	39.2	33.2	27.2	21.0	49.5
PAPA009	11-Apr-13	13	35.1	38.5	32.4	27.0	21.6	51.0
PAPA009	11-Apr-13	14	34.1	37.6	31.8	26.3	22.1	47.3
PAPA009	11-Apr-13	15	34.6	37.8	31.9	26.8	21.5	47.7
PAPA009	11-Apr-13	16	36.2	39.8	33.7	27.6	23.8	49.6

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA009	11-Apr-13	17	35.5	38.9	33.5	28.8	24.1	48.3
PAPA009	11-Apr-13	18	32.8	36.0	30.8	26.2	22.3	45.4
PAPA009	11-Apr-13	19	31.4	34.5	29.6	26.1	22.1	42.8
PAPA009	11-Apr-13	20	27.6	30.5	25.8	23.6	21.6	40.5
PAPA009	11-Apr-13	21	25.6	27.1	25.2	23.7	22.1	34.2
PAPA009	11-Apr-13	22	26.1	27.9	25.6	23.7	22.1	34.9
PAPA009	11-Apr-13	23	27.3	29.0	26.9	25.1	22.6	36.2
PAPA009	12-Apr-13	0	24.5	27.4	22.6	20.2	18.6	34.8
PAPA009	12-Apr-13	1	20.7	22.6	19.3	18.3	17.2	31.5
PAPA009	12-Apr-13	2	19.5	20.5	19.1	18.4	17.6	28.9
PAPA009	12-Apr-13	3	22.4	25.3	20.6	19.1	18.1	34.0
PAPA009	12-Apr-13	4	24.2	26.3	23.5	21.4	19.4	33.0
PAPA009	12-Apr-13	5	25.5	27.3	25.2	23.4	21.6	30.9
PAPA009	12-Apr-13	6	25.3	26.8	24.8	23.2	21.5	39.8
PAPA009	12-Apr-13	7	26.6	28.3	26.1	24.2	21.8	34.0
PAPA009	12-Apr-13	8	27.5	28.3	23.7	20.5	18.7	46.2
PAPA009	12-Apr-13	9	26.5	28.0	21.9	20.3	18.8	46.2
PAPA009	12-Apr-13	10	28.2	31.4	25.9	22.0	19.9	41.1
PAPA009	12-Apr-13	11	27.1	30.0	24.4	21.3	19.6	40.7
PAPA009	12-Apr-13	12	26.7	30.0	23.0	19.7	18.2	48.4
PAPA009	12-Apr-13	13	30.4	32.9	26.2	21.6	18.4	54.2
PAPA009	20-Apr-14	11	24.0	27.0	21.2	18.2	16.3	40.1
PAPA009	20-Apr-14	12	30.7	31.4	22.9	19.6	17.6	53.3
PAPA009	20-Apr-14	13	27.4	30.9	22.9	19.8	18.1	45.7
PAPA009	20-Apr-14	14	39.4	38.3	28.2	21.0	18.3	62.5
PAPA009	20-Apr-14	15	30.7	34.2	25.9	19.6	16.7	48.6
PAPA009	20-Apr-14	16	32.3	35.9	29.1	22.7	18.2	48.1
PAPA009	20-Apr-14	17	32.1	35.6	28.5	22.6	18.6	47.4
PAPA009	20-Apr-14	18	28.5	31.9	26.0	21.1	16.3	40.7
PAPA009	20-Apr-14	19	25.6	29.0	21.4	18.6	16.8	41.0
PAPA009	20-Apr-14	20	24.3	27.5	21.2	19.0	17.0	37.1
PAPA009	20-Apr-14	21	22.4	24.4	21.7	18.7	17.3	33.7
PAPA009	20-Apr-14	22	20.7	21.9	20.2	19.1	17.9	29.5
PAPA009	20-Apr-14	23	20.6	21.9	20.5	19.0	17.8	24.0
PAPA009	21-Apr-14	0	23.0	24.5	22.9	21.1	19.1	26.9
PAPA009	21-Apr-14	1	21.0	22.3	20.7	19.4	18.3	27.1
PAPA009	21-Apr-14	2	21.2	23.0	20.7	19.5	18.4	25.4
PAPA009	21-Apr-14	3	22.4	24.8	21.0	19.5	17.6	33.2
PAPA009	21-Apr-14	4	27.4	30.8	24.9	20.9	19.5	40.4
PAPA009	21-Apr-14	5	33.4	36.2	30.9	28.5	26.0	46.7
PAPA009	21-Apr-14	6	31.0	34.8	28.7	25.6	23.5	42.8
PAPA009	21-Apr-14	7	26.3	28.1	25.6	23.7	20.5	34.5
PAPA009	21-Apr-14	8	24.3	27.1	22.7	19.0	17.0	37.8
PAPA009	21-Apr-14	9	18.5	19.8	17.8	16.8	15.7	30.2
PAPA009	21-Apr-14	10	20.1	20.5	18.6	17.7	16.8	39.8
PAPA009	21-Apr-14	11	22.3	22.7	18.7	17.5	16.5	46.2

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA009	21-Apr-14	12	20.1	21.4	19.1	17.9	16.9	34.5
PAPA009	21-Apr-14	13	30.6	28.2	20.9	19.1	17.7	53.7
PAPA009	21-Apr-14	14	22.6	24.6	21.0	19.2	17.6	37.3
PAPA009	21-Apr-14	15	24.0	26.6	21.7	18.9	17.3	41.2
PAPA009	21-Apr-14	16	29.0	32.8	22.4	18.6	17.0	46.5
PAPA009	21-Apr-14	17	22.5	26.0	18.5	16.4	15.6	39.2
PAPA009	21-Apr-14	18	20.4	23.1	18.3	16.9	15.9	32.6
PAPA009	21-Apr-14	19	20.3	22.7	17.9	16.1	15.2	35.2
PAPA009	21-Apr-14	20	27.5	30.2	25.4	21.3	15.9	41.0
PAPA009	21-Apr-14	21	24.9	26.4	24.1	22.8	21.1	35.8
PAPA009	21-Apr-14	22	23.6	25.5	23.0	21.1	19.5	31.6
PAPA009	21-Apr-14	23	24.6	26.5	24.5	21.6	20.0	31.1
PAPA009	22-Apr-14	0	26.2	27.9	25.8	24.0	22.0	32.6
PAPA009	22-Apr-14	1	27.9	30.8	26.7	24.0	21.9	35.7
PAPA009	22-Apr-14	2	29.4	31.3	28.9	26.4	22.2	36.6
PAPA009	22-Apr-14	3	31.0	33.7	30.1	26.5	22.3	38.0
PAPA009	22-Apr-14	4	30.5	33.0	29.6	27.8	25.9	38.1
PAPA009	22-Apr-14	5	29.3	30.7	28.5	27.0	24.8	39.9
PAPA009	22-Apr-14	6	30.1	32.6	28.3	27.0	25.6	41.5
PAPA009	22-Apr-14	7	28.2	29.5	27.9	26.6	25.2	34.8
PAPA009	22-Apr-14	8	29.6	31.9	28.6	27.0	25.2	40.7
PAPA009	22-Apr-14	9	33.2	34.0	30.4	28.6	27.0	53.1
PAPA009	22-Apr-14	10	28.5	30.0	26.3	23.9	22.3	45.4
PAPA009	22-Apr-14	11	27.6	30.0	25.7	24.0	20.8	42.2
PAPA009	22-Apr-14	12	39.1	42.9	31.4	24.4	21.5	55.3
PAPA009	22-Apr-14	13	37.6	40.9	33.7	28.0	24.2	56.5
PAPA009	22-Apr-14	14	29.7	33.8	25.9	20.6	18.4	42.7
PAPA009	22-Apr-14	15	26.9	29.9	24.3	20.7	19.1	42.1
PAPA009	22-Apr-14	16	43.9	45.2	32.4	24.9	21.2	65.4
PAPA009	22-Apr-14	17	37.2	40.8	33.5	26.9	22.0	53.9
PAPA009	22-Apr-14	18	37.5	41.4	32.5	24.4	19.5	54.8
PAPA009	22-Apr-14	19	35.6	39.6	28.7	25.9	21.3	51.1
PAPA009	22-Apr-14	20	45.4	48.8	39.6	33.3	27.3	60.7
PAPA009	22-Apr-14	21	38.9	42.1	35.7	31.6	28.6	58.5
PAPA009	22-Apr-14	22	39.2	42.8	35.4	29.1	25.4	55.2
PAPA009	22-Apr-14	23	31.9	35.4	29.4	25.4	23.2	46.0
PAPA009	04-Apr-15	12	23.1	24.7	20.9	19.6	18.5	40.3
PAPA009	04-Apr-15	13	29.2	29.4	21.6	19.4	17.9	56.3
PAPA009	04-Apr-15	14	38.4	41.5	32.8	23.9	20.5	59.2
PAPA009	04-Apr-15	15	39.9	43.7	36.6	29.7	23.2	53.7
PAPA009	04-Apr-15	16	42.7	46.6	39.3	31.3	24.0	56.2
PAPA009	04-Apr-15	17	44.7	48.1	41.8	35.5	28.2	56.9
PAPA009	04-Apr-15	18	42.6	46.7	39.4	31.3	25.2	54.8
PAPA009	04-Apr-15	19	31.6	35.4	27.2	24.1	21.7	46.7
PAPA009	04-Apr-15	20	27.6	29.4	25.6	23.6	22.1	41.2
PAPA009	04-Apr-15	21	26.5	27.8	25.8	24.3	22.7	37.2

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA009	04-Apr-15	22	24.7	26.3	24.3	23.0	22.1	37.9
PAPA009	04-Apr-15	23	27.3	29.9	24.9	23.3	21.6	40.3
PAPA009	05-Apr-15	0	28.7	31.6	28.1	23.8	22.2	37.8
PAPA009	05-Apr-15	1	25.8	27.5	25.4	23.5	21.0	36.4
PAPA009	05-Apr-15	2	27.2	28.2	25.4	23.5	21.2	49.1
PAPA009	05-Apr-15	3	25.0	26.9	24.7	22.6	21.0	36.5
PAPA009	05-Apr-15	4	26.0	27.8	25.6	24.0	21.9	35.4
PAPA009	05-Apr-15	5	28.6	29.8	27.0	25.7	24.2	51.6
PAPA009	05-Apr-15	6	33.4	35.6	31.8	28.2	24.9	46.3
PAPA009	05-Apr-15	7	32.6	34.9	30.9	29.1	27.1	53.1
PAPA009	05-Apr-15	8	32.1	34.6	31.3	28.8	26.5	40.4
PAPA009	05-Apr-15	9	31.6	33.5	29.4	26.7	24.5	56.0
PAPA009	05-Apr-15	10	35.3	29.3	24.2	21.3	19.3	57.6
PAPA009	05-Apr-15	11	29.5	32.6	25.2	21.3	18.6	46.6
PAPA009	05-Apr-15	12	41.6	45.0	35.1	27.7	20.6	66.2
PAPA009	05-Apr-15	13	42.8	46.7	39.2	32.2	26.2	59.7
PAPA009	05-Apr-15	14	38.7	42.7	34.2	27.1	21.6	52.7
PAPA009	05-Apr-15	15	41.4	45.2	37.5	31.0	24.9	58.2
PAPA009	05-Apr-15	16	40.5	44.2	36.8	29.1	21.9	55.1
PAPA009	05-Apr-15	17	37.3	41.2	33.9	27.0	20.8	54.1
PAPA009	05-Apr-15	18	34.4	37.7	30.7	25.0	21.0	50.9
PAPA009	05-Apr-15	19	24.6	26.1	23.1	21.5	18.6	42.8
PAPA009	05-Apr-15	20	27.9	30.2	26.8	22.4	19.2	40.9
PAPA009	05-Apr-15	21	24.5	26.1	24.0	22.7	21.1	29.4
PAPA009	05-Apr-15	22	26.1	28.4	25.1	23.3	21.9	36.4
PAPA009	05-Apr-15	23	26.9	28.8	26.2	23.1	20.9	40.1
PAPA009	06-Apr-15	0	29.4	32.0	28.3	25.5	23.6	39.6
PAPA009	06-Apr-15	1	30.9	32.5	30.4	28.9	26.9	39.9
PAPA009	06-Apr-15	2	29.6	30.7	29.4	28.3	27.0	37.6
PAPA009	06-Apr-15	3	31.4	33.0	30.5	28.9	26.5	40.4
PAPA009	06-Apr-15	4	30.2	32.2	29.3	27.3	25.6	42.5
PAPA009	06-Apr-15	5	30.5	33.1	28.6	27.0	25.3	41.7
PAPA009	06-Apr-15	6	35.2	36.8	31.3	27.4	25.2	59.3
PAPA009	06-Apr-15	7	31.7	34.1	30.9	28.8	25.5	39.0
PAPA009	06-Apr-15	8	32.0	34.0	31.5	29.0	25.9	40.9
PAPA009	06-Apr-15	9	32.6	34.7	31.1	28.2	25.9	54.1
PAPA009	06-Apr-15	10	31.8	35.2	26.5	23.7	21.2	50.9
PAPA009	06-Apr-15	11	40.9	44.6	37.4	30.4	25.3	55.9
PAPA009	06-Apr-15	12	40.6	44.4	37.5	30.1	23.8	52.8
PAPA009	06-Apr-15	13	41.1	45.0	37.7	28.6	23.3	56.7
PAPA009	06-Apr-15	14	41.6	45.5	37.1	30.4	25.6	58.8
PAPA009	06-Apr-15	15	41.0	44.8	37.2	29.9	23.8	56.1
PAPA009	06-Apr-15	16	40.3	44.3	36.9	29.4	24.1	53.6
PAPA009	06-Apr-15	17	41.7	45.5	39.0	32.3	23.9	54.9
PAPA009	06-Apr-15	18	45.2	48.8	42.2	36.0	27.9	57.5
PAPA009	06-Apr-15	19	42.4	46.2	38.7	32.3	26.7	58.0

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA009	06-Apr-15	20	43.8	47.6	40.6	34.9	30.0	58.8
PAPA009	06-Apr-15	21	37.2	40.2	34.5	31.4	28.2	52.4
PAPA009	06-Apr-15	22	31.3	33.2	30.7	29.1	27.4	38.7
PAPA009	06-Apr-15	23	29.1	31.0	28.5	26.2	23.4	36.8
PAPA009	07-Apr-15	0	27.7	29.4	27.0	24.9	22.5	36.4
PAPA009	07-Apr-15	1	25.9	27.7	25.2	23.4	21.6	38.4
PAPA009	07-Apr-15	2	27.1	28.2	25.5	23.6	21.5	40.5
PAPA009	07-Apr-15	3	28.3	30.1	27.1	25.2	23.3	39.7
PAPA009	07-Apr-15	4	30.7	32.9	30.1	27.8	25.7	37.0
PAPA009	07-Apr-15	5	30.5	33.4	28.0	25.1	23.1	44.3
PAPA009	07-Apr-15	6	33.3	36.3	31.8	27.9	24.3	46.7
PAPA009	07-Apr-15	7	33.5	36.1	32.5	29.7	27.8	42.3
PAPA009	07-Apr-15	8	34.1	34.5	31.8	29.6	27.4	51.0
PAPA009	07-Apr-15	9	29.6	32.2	28.8	25.1	21.5	41.2
PAPA009	07-Apr-15	10	36.0	33.2	28.8	23.8	21.1	56.0
PAPA009	07-Apr-15	11	32.7	35.3	31.9	27.1	23.3	47.7
PAPA009	07-Apr-15	12	30.2	31.4	27.6	24.4	21.2	50.0
PAPA009	07-Apr-15	13	29.3	26.1	22.7	21.5	20.3	56.5
PAPA009	07-Apr-15	14	24.2	26.0	23.5	22.1	20.2	41.5
PAPA009	07-Apr-15	15	32.8	28.7	23.8	21.8	20.1	65.2
PAPA009	07-Apr-15	16	33.3	36.1	26.8	23.0	20.9	50.0
PAPA009	07-Apr-15	17	36.8	39.9	34.2	31.1	28.4	51.3
PAPA009	07-Apr-15	18	31.5	34.0	30.4	27.4	24.6	43.6
PAPA009	07-Apr-15	19	31.2	33.2	30.4	28.5	24.8	43.3
PAPA009	07-Apr-15	20	31.4	33.0	30.7	29.1	27.8	45.9
PAPA009	07-Apr-15	21	30.1	31.7	29.7	28.5	26.6	35.5
PAPA009	07-Apr-15	22	28.6	30.4	27.0	23.6	20.3	45.5
PAPA009	07-Apr-15	23	27.5	30.0	25.8	22.6	19.2	43.3
PAPA009	08-Apr-15	0	28.2	30.9	27.6	21.6	18.6	35.4
PAPA009	08-Apr-15	1	28.1	30.1	27.7	25.4	22.1	34.2
PAPA009	08-Apr-15	2	28.5	30.7	27.8	24.6	21.7	37.3
PAPA009	08-Apr-15	3	21.7	24.2	20.7	16.8	15.4	29.8
PAPA009	08-Apr-15	4	28.3	29.5	25.8	23.8	21.7	50.3
PAPA009	08-Apr-15	5	27.7	29.3	25.9	23.9	21.8	48.8
PAPA009	08-Apr-15	6	23.3	26.0	21.8	18.2	16.1	37.7
PAPA009	08-Apr-15	7	25.5	27.1	22.8	20.4	18.1	39.9
PAPA009	08-Apr-15	8	25.4	26.6	23.4	21.8	20.0	42.3
PAPA009	08-Apr-15	9	25.6	26.4	23.4	21.7	19.1	51.1
PAPA009	08-Apr-15	10	24.4	25.2	21.6	19.0	16.3	42.0
PAPA009	08-Apr-15	11	24.3	26.7	21.9	19.2	17.0	39.9
PAPA009	08-Apr-15	12	22.4	24.0	20.2	17.9	16.3	44.3
PAPA009	08-Apr-15	13	27.4	28.9	24.9	23.5	21.7	43.6
PAPA009	08-Apr-15	14	32.9	36.2	30.5	24.2	20.7	44.8
PAPA009	08-Apr-15	15	27.7	30.6	26.2	23.2	21.4	36.6
PAPA009	08-Apr-15	16	28.2	31.5	26.5	23.8	21.3	36.3
PAPA009	08-Apr-15	17	30.7	33.4	28.5	25.2	22.8	44.5

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA009	08-Apr-15	18	29.1	31.6	26.7	23.3	20.4	54.5
PAPA009	08-Apr-15	19	29.3	32.3	27.6	23.2	20.5	41.7
PAPA009	08-Apr-15	20	29.9	32.2	28.5	25.8	22.6	48.4
PAPA009	08-Apr-15	21	30.6	33.6	28.7	25.4	22.1	42.9
PAPA009	08-Apr-15	22	27.6	30.8	23.5	20.7	19.1	41.7
PAPA009	08-Apr-15	23	26.1	27.9	25.3	23.5	21.3	42.8
PAPA009	09-Apr-15	0	25.5	26.7	24.2	22.4	20.1	39.2
PAPA009	09-Apr-15	1	27.4	29.6	26.7	25.0	22.8	33.7
PAPA009	09-Apr-15	2	29.1	30.8	28.4	26.6	24.8	39.2
PAPA009	09-Apr-15	3	28.2	30.9	27.3	24.4	22.8	38.0
PAPA009	09-Apr-15	4	28.4	30.9	27.7	24.9	22.2	34.9
PAPA009	09-Apr-15	5	31.5	35.7	28.2	19.5	17.0	42.3
PAPA009	09-Apr-15	6	33.1	36.5	31.0	20.0	17.0	54.5
PAPA009	09-Apr-15	7	34.4	36.5	32.1	25.7	16.7	56.7
PAPA009	09-Apr-15	8	32.5	36.2	29.8	24.1	21.2	49.2
PAPA009	09-Apr-15	9	27.5	31.4	22.1	20.1	18.4	43.0
PAPA009	09-Apr-15	10	21.5	23.4	21.1	18.9	17.7	33.6
PAPA009	09-Apr-15	11	26.5	27.3	23.6	22.3	19.5	45.3
PAPA009	09-Apr-15	12	23.6	25.4	22.4	20.5	19.5	46.1
PAPA009	09-Apr-15	13	21.4	23.1	20.6	19.1	18.2	39.2
PAPA009	09-Apr-15	14	33.7	26.4	20.9	19.5	17.6	60.2
PAPA009	09-Apr-15	15	24.9	24.6	21.1	19.8	18.8	46.5
PAPA009	09-Apr-15	16	25.7	26.9	21.5	19.7	18.5	44.5
PAPA009	09-Apr-15	17	21.1	23.4	19.7	18.4	17.1	33.8
PAPA009	09-Apr-15	18	27.2	30.9	25.2	20.4	17.3	38.6
PAPA009	09-Apr-15	19	32.1	34.4	31.5	27.8	25.8	46.7
PAPA009	09-Apr-15	20	38.7	42.1	37.2	30.8	28.5	52.3
PAPA009	09-Apr-15	21	31.1	33.1	30.6	28.9	26.2	36.9
PAPA009	09-Apr-15	22	31.5	32.9	31.0	29.8	27.2	41.1
PAPA009	09-Apr-15	23	27.3	29.1	25.2	21.8	20.0	40.0
PAPA009	10-Apr-15	0	26.9	30.2	24.5	21.6	19.5	40.0
PAPA009	10-Apr-15	1	26.3	28.4	24.2	22.9	21.6	48.5
PAPA009	10-Apr-15	2	28.2	30.9	27.2	23.7	22.4	36.1
PAPA009	10-Apr-15	3	31.2	33.5	30.1	28.6	26.0	39.2
PAPA009	10-Apr-15	4	31.7	34.2	30.8	28.8	27.2	38.3
PAPA009	10-Apr-15	5	35.3	38.0	34.5	30.5	28.7	43.6
PAPA009	10-Apr-15	6	33.8	36.2	32.0	30.4	28.9	52.1
PAPA009	10-Apr-15	7	32.7	34.1	31.6	29.8	28.0	52.8
PAPA009	10-Apr-15	8	33.3	35.7	32.2	30.6	28.7	42.2
PAPA009	10-Apr-15	9	31.2	31.3	27.8	19.7	17.2	49.9
PAPA009	10-Apr-15	10	23.2	24.7	22.2	18.8	17.7	46.0
PAPA009	10-Apr-15	11	31.7	25.8	23.0	21.4	20.4	60.4
PAPA009	10-Apr-15	12	23.7	25.8	22.2	20.6	19.2	39.9
PAPA009	10-Apr-15	13	36.2	26.2	22.3	21.0	19.6	59.4
PAPA009	10-Apr-15	14	24.7	26.4	22.8	21.3	19.8	37.7
PAPA009	10-Apr-15	15	31.6	27.0	23.5	21.9	19.9	64.7

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA009	10-Apr-15	16	23.2	25.1	22.1	20.7	19.4	37.4
PAPA009	10-Apr-15	17	22.8	25.1	20.9	19.1	17.4	39.6
PAPA009	10-Apr-15	18	20.6	21.5	18.4	17.5	16.7	37.2
PAPA009	10-Apr-15	19	25.2	27.2	22.9	20.1	17.2	43.2
PAPA009	10-Apr-15	20	31.0	34.7	26.4	23.0	20.0	47.9
PAPA009	10-Apr-15	21	23.1	23.8	22.3	20.0	18.1	48.1
PAPA009	10-Apr-15	22	22.7	24.1	22.6	20.5	17.7	26.9
PAPA009	10-Apr-15	23	24.1	25.7	24.0	21.9	19.6	29.1
PAPA009	11-Apr-15	0	25.1	26.5	24.9	23.1	20.3	31.6
PAPA009	11-Apr-15	1	23.4	24.5	23.1	22.2	20.5	28.8
PAPA009	11-Apr-15	2	28.7	32.3	25.5	23.8	21.8	41.6
PAPA009	11-Apr-15	3	34.2	36.9	33.2	30.1	27.0	46.9
PAPA009	11-Apr-15	4	31.3	33.9	30.5	27.1	24.4	38.9
PAPA009	11-Apr-15	5	33.6	37.5	30.3	27.8	25.4	43.9
PAPA009	11-Apr-15	6	37.6	40.1	35.4	30.5	27.4	52.5
PAPA009	11-Apr-15	7	32.5	34.5	31.7	29.3	27.8	44.8
PAPA009	11-Apr-15	8	34.5	36.0	34.1	32.5	29.8	42.5
PAPA009	11-Apr-15	9	33.8	34.9	32.3	30.4	28.7	52.0
PAPA009	11-Apr-15	10	32.4	33.9	30.9	27.1	24.3	55.3
PAPA009	11-Apr-15	11	42.4	29.2	23.5	22.0	20.4	73.2
PAPA009	11-Apr-15	12	36.8	40.0	32.3	25.7	21.5	54.9
PAPA009	11-Apr-15	13	39.6	43.2	36.9	30.8	24.7	52.1
PAPA009	11-Apr-15	14	40.7	44.3	38.3	32.1	25.8	55.3
PAPA009	11-Apr-15	15	39.8	43.5	36.2	30.0	25.4	54.8
PAPA009	11-Apr-15	16	37.9	41.4	34.9	29.3	23.9	54.5
PAPA009	11-Apr-15	17	38.9	42.6	36.3	30.0	24.6	50.7
PAPA009	11-Apr-15	18	38.6	42.3	36.1	29.8	25.3	56.8
PAPA009	11-Apr-15	19	36.9	40.4	34.0	27.3	23.9	52.9
PAPA009	11-Apr-15	20	36.4	39.0	35.3	32.6	29.6	47.2
PAPA009	11-Apr-15	21	34.1	35.8	33.5	31.3	28.8	42.7
PAPA009	11-Apr-15	22	33.6	35.3	32.9	31.3	29.6	42.4
PAPA009	11-Apr-15	23	35.3	38.3	33.7	30.5	28.8	42.8
PAPA009	12-Apr-15	0	31.6	33.0	31.3	30.0	28.1	38.2
PAPA009	12-Apr-15	1	31.1	32.7	30.7	29.1	27.2	37.7
PAPA009	12-Apr-15	2	32.1	34.5	31.2	28.6	24.2	41.9
PAPA009	12-Apr-15	3	27.7	29.7	27.1	24.8	22.5	35.2
PAPA009	12-Apr-15	4	28.5	30.3	27.6	25.1	22.4	39.3
PAPA009	12-Apr-15	5	34.4	37.8	31.4	26.8	24.7	45.8
PAPA009	12-Apr-15	6	36.8	39.2	35.2	31.0	26.2	61.4
PAPA009	12-Apr-15	7	34.8	37.9	32.7	29.0	25.7	53.1
PAPA009	12-Apr-15	8	34.3	37.4	31.5	27.0	23.0	49.6
PAPA009	12-Apr-15	9	43.7	47.6	39.7	32.1	25.4	61.0
PAPA009	12-Apr-15	10	42.4	46.0	38.0	31.2	24.0	60.1
PAPA010	10-Apr-13	13	25.6	27.0	25.1	23.5	21.5	36.0
PAPA010	10-Apr-13	14	28.3	29.8	27.8	26.4	24.2	38.4
PAPA010	10-Apr-13	15	28.2	29.8	27.4	25.7	24.1	40.9

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA010	10-Apr-13	16	29.2	32.1	27.0	25.0	22.4	41.5
PAPA010	10-Apr-13	17	31.8	34.9	29.0	25.6	22.8	50.0
PAPA010	10-Apr-13	18	37.1	40.4	35.0	30.3	26.0	49.7
PAPA010	10-Apr-13	19	34.6	37.1	31.3	27.7	25.1	53.8
PAPA010	10-Apr-13	20	34.8	38.0	32.6	28.7	25.4	48.9
PAPA010	10-Apr-13	21	28.4	31.6	25.7	23.8	22.1	42.4
PAPA010	10-Apr-13	22	27.3	29.2	26.4	24.7	22.7	36.6
PAPA010	10-Apr-13	23	26.3	28.0	24.5	22.7	20.8	39.4
PAPA010	11-Apr-13	0	24.6	26.4	24.0	22.9	20.9	33.4
PAPA010	11-Apr-13	1	30.9	33.6	29.6	26.3	24.5	40.1
PAPA010	11-Apr-13	2	33.4	36.2	30.0	27.0	24.9	50.0
PAPA010	11-Apr-13	3	33.2	36.8	31.3	26.1	23.5	42.0
PAPA010	11-Apr-13	4	25.7	27.1	25.0	23.4	21.2	36.2
PAPA010	11-Apr-13	5	30.3	32.1	29.9	27.8	25.5	37.4
PAPA010	11-Apr-13	6	31.9	34.6	30.7	28.3	26.1	40.1
PAPA010	11-Apr-13	7	27.9	29.6	26.8	25.2	22.9	43.4
PAPA010	11-Apr-13	8	31.1	34.1	29.1	25.6	22.8	44.3
PAPA010	11-Apr-13	9	35.1	38.6	32.5	27.8	24.1	48.5
PAPA010	11-Apr-13	10	36.0	39.4	33.7	29.0	24.4	49.2
PAPA010	11-Apr-13	11	36.6	40.3	33.7	28.0	23.4	51.6
PAPA010	11-Apr-13	12	37.5	41.3	34.9	29.4	24.0	49.9
PAPA010	11-Apr-13	13	36.1	39.7	33.1	28.0	23.3	50.0
PAPA010	11-Apr-13	14	35.8	39.3	32.8	27.3	23.1	50.8
PAPA010	11-Apr-13	15	35.6	39.0	32.8	27.9	22.6	50.4
PAPA010	11-Apr-13	16	37.8	41.5	34.9	29.4	24.8	50.6
PAPA010	11-Apr-13	17	37.1	40.7	34.7	29.8	24.0	51.7
PAPA010	11-Apr-13	18	35.2	38.4	33.1	28.6	24.5	50.0
PAPA010	11-Apr-13	19	31.3	34.7	28.5	24.9	22.5	44.5
PAPA010	11-Apr-13	20	27.5	29.9	25.8	24.2	22.7	41.3
PAPA010	11-Apr-13	21	28.2	30.3	27.6	25.4	23.2	35.6
PAPA010	11-Apr-13	22	27.8	29.7	27.3	25.4	23.7	35.2
PAPA010	11-Apr-13	23	27.5	29.1	27.1	25.7	23.9	33.7
PAPA010	12-Apr-13	0	24.5	26.8	22.8	20.8	19.5	36.7
PAPA010	12-Apr-13	1	23.3	25.9	21.9	20.0	18.9	34.4
PAPA010	12-Apr-13	2	24.1	26.8	23.0	21.2	19.7	30.5
PAPA010	12-Apr-13	3	20.9	22.7	20.3	19.0	18.1	30.4
PAPA010	12-Apr-13	4	26.0	28.6	25.0	22.5	20.4	34.2
PAPA010	12-Apr-13	5	24.9	26.6	24.3	22.9	21.5	34.4
PAPA010	12-Apr-13	6	26.7	27.8	25.5	24.0	22.6	39.3
PAPA010	12-Apr-13	7	27.1	28.9	26.5	24.9	23.3	38.5
PAPA010	12-Apr-13	8	28.3	28.9	24.1	20.6	19.0	46.0
PAPA010	12-Apr-13	9	27.0	28.7	22.6	20.7	19.4	46.0
PAPA010	12-Apr-13	10	32.1	33.2	26.8	22.3	20.1	60.3
PAPA010	12-Apr-13	11	27.2	30.3	24.6	21.5	19.8	45.1
PAPA010	12-Apr-13	12	27.4	30.5	23.8	20.9	19.1	43.2
PAPA010	12-Apr-13	13	30.0	33.0	26.6	22.3	19.9	52.0

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA010	20-Apr-14	12	37.6	34.3	27.5	23.6	20.5	62.2
PAPA010	20-Apr-14	13	30.9	34.3	27.7	23.8	20.7	45.4
PAPA010	20-Apr-14	14	32.5	36.0	27.8	23.4	20.0	50.4
PAPA010	20-Apr-14	15	32.0	35.8	27.7	22.8	19.0	45.4
PAPA010	20-Apr-14	16	31.7	35.3	27.5	21.6	19.0	49.2
PAPA010	20-Apr-14	17	28.6	32.0	25.4	21.4	18.6	43.1
PAPA010	20-Apr-14	18	26.0	29.2	23.3	19.7	17.4	43.9
PAPA010	20-Apr-14	19	23.7	26.1	19.7	18.0	16.8	40.5
PAPA010	20-Apr-14	20	24.3	27.1	21.6	19.4	17.6	37.3
PAPA010	20-Apr-14	21	23.0	25.1	22.4	19.7	18.6	31.7
PAPA010	20-Apr-14	22	21.7	23.2	21.4	20.1	18.7	28.0
PAPA010	20-Apr-14	23	23.8	26.0	23.0	21.3	19.5	30.1
PAPA010	21-Apr-14	0	24.0	26.4	23.2	22.0	20.6	30.4
PAPA010	21-Apr-14	1	24.2	26.1	23.7	21.8	19.2	29.3
PAPA010	21-Apr-14	2	23.5	25.5	23.1	19.6	18.4	32.7
PAPA010	21-Apr-14	3	26.4	28.9	25.1	22.8	20.6	34.6
PAPA010	21-Apr-14	4	27.7	30.4	26.2	23.5	20.7	38.9
PAPA010	21-Apr-14	5	34.4	37.9	32.7	28.7	25.6	43.4
PAPA010	21-Apr-14	6	31.0	34.0	29.6	27.5	25.2	40.4
PAPA010	21-Apr-14	7	30.4	33.1	29.4	27.1	24.8	36.9
PAPA010	21-Apr-14	8	31.4	36.5	28.2	24.6	21.7	39.2
PAPA010	21-Apr-14	9	34.0	37.3	32.6	27.3	22.0	42.8
PAPA010	21-Apr-14	10	32.0	35.7	30.0	24.6	20.4	40.9
PAPA010	21-Apr-14	11	33.4	37.1	31.2	25.3	20.2	51.2
PAPA010	21-Apr-14	12	33.9	37.7	31.7	25.5	20.7	44.6
PAPA010	21-Apr-14	13	34.2	37.5	32.6	27.1	21.6	41.7
PAPA010	21-Apr-14	14	33.4	36.7	30.3	25.0	21.2	51.1
PAPA010	21-Apr-14	15	28.4	31.2	24.8	21.2	18.9	46.7
PAPA010	21-Apr-14	16	30.2	34.0	25.5	21.4	19.3	47.2
PAPA010	21-Apr-14	17	24.8	27.6	21.0	18.9	17.8	39.7
PAPA010	21-Apr-14	18	23.5	26.2	21.7	19.7	18.3	35.8
PAPA010	21-Apr-14	19	24.2	26.7	22.2	19.6	17.9	40.0
PAPA010	21-Apr-14	20	29.9	32.9	29.0	21.8	17.9	38.8
PAPA010	21-Apr-14	21	29.1	30.9	28.7	26.8	24.2	36.5
PAPA010	21-Apr-14	22	29.1	32.1	28.1	24.8	22.2	35.5
PAPA010	21-Apr-14	23	30.3	32.8	29.8	26.6	24.2	35.4
PAPA010	22-Apr-14	0	31.3	32.8	31.1	29.4	26.4	35.5
PAPA010	22-Apr-14	1	31.6	33.4	31.0	29.2	26.7	38.2
PAPA010	22-Apr-14	2	32.9	35.0	32.6	29.5	25.4	39.6
PAPA010	22-Apr-14	3	34.3	37.1	33.5	28.6	25.4	42.8
PAPA010	22-Apr-14	4	31.6	34.5	30.3	28.4	26.3	39.8
PAPA010	22-Apr-14	5	31.2	33.1	30.9	28.3	26.3	39.6
PAPA010	22-Apr-14	6	31.4	32.7	31.0	29.9	28.0	42.8
PAPA010	22-Apr-14	7	32.2	34.0	31.8	29.9	26.9	37.8
PAPA010	22-Apr-14	8	33.0	35.5	32.2	28.4	26.4	42.7
PAPA010	22-Apr-14	9	31.6	33.3	30.0	28.5	25.7	47.1

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA010	22-Apr-14	10	33.9	37.1	31.3	27.2	25.0	58.1
PAPA010	22-Apr-14	11	35.4	38.3	34.4	30.2	26.0	43.9
PAPA010	22-Apr-14	12	39.4	42.4	36.8	31.8	26.8	54.5
PAPA010	22-Apr-14	13	39.6	43.2	36.0	29.8	25.6	55.3
PAPA010	22-Apr-14	14	30.9	34.2	28.7	23.4	21.1	47.3
PAPA010	22-Apr-14	15	33.6	35.6	27.4	23.4	21.5	55.7
PAPA010	22-Apr-14	16	42.8	43.8	32.1	26.3	23.4	61.5
PAPA010	22-Apr-14	17	36.4	40.0	33.3	27.9	23.4	53.7
PAPA010	22-Apr-14	18	38.1	40.5	31.8	25.0	21.0	58.2
PAPA010	22-Apr-14	19	35.5	38.7	31.6	27.9	23.2	53.4
PAPA010	22-Apr-14	21	39.5	42.9	37.2	33.5	30.8	51.8
PAPA010	22-Apr-14	22	39.9	43.5	37.0	31.2	25.8	56.5
PAPA010	22-Apr-14	23	33.0	35.7	30.7	28.0	24.6	50.2
PAPA010	23-Apr-14	0	33.6	37.2	30.8	25.2	21.4	47.0
PAPA010	23-Apr-14	1	25.8	28.7	23.4	20.8	18.8	39.0
PAPA010	23-Apr-14	2	22.5	24.1	22.0	20.6	19.0	30.1
PAPA010	23-Apr-14	3	26.2	28.3	25.4	23.1	20.7	33.6
PAPA010	23-Apr-14	4	30.0	32.3	28.7	26.2	23.1	44.0
PAPA010	23-Apr-14	5	33.0	36.5	29.4	26.2	23.7	49.0
PAPA010	23-Apr-14	6	24.7	26.3	24.0	22.4	20.3	37.3
PAPA010	23-Apr-14	7	27.9	29.8	26.9	24.7	22.6	39.4
PAPA010	23-Apr-14	8	28.8	31.8	27.2	23.5	19.9	41.8
PAPA010	23-Apr-14	9	30.7	33.8	25.9	21.9	19.3	47.5
PAPA010	23-Apr-14	10	32.3	36.0	28.7	23.2	19.7	47.2
PAPA010	23-Apr-14	11	37.1	41.0	32.3	25.4	20.2	51.8
PAPA010	23-Apr-14	12	37.2	41.0	32.8	25.2	20.9	52.3
PAPA010	23-Apr-14	13	37.9	41.8	34.4	27.6	23.3	50.7
PAPA010	23-Apr-14	14	40.0	43.9	36.2	29.4	23.6	55.9
PAPA010	23-Apr-14	15	42.4	46.1	39.6	33.2	27.4	56.4
PAPA010	23-Apr-14	16	41.0	44.5	37.6	31.3	24.2	59.3
PAPA010	23-Apr-14	17	39.4	43.3	36.1	29.6	23.9	52.6
PAPA010	23-Apr-14	18	34.4	38.1	31.7	26.2	21.8	47.8
PAPA010	23-Apr-14	19	34.7	37.9	31.3	27.3	22.3	50.8
PAPA010	23-Apr-14	20	31.4	34.0	30.4	26.8	23.2	45.5
PAPA010	23-Apr-14	21	31.6	34.4	30.6	27.2	24.6	38.3
PAPA010	23-Apr-14	22	32.1	35.3	30.7	26.8	23.7	38.7
PAPA010	23-Apr-14	23	31.2	32.8	29.5	26.1	23.9	47.0
PAPA010	24-Apr-14	0	28.9	31.2	28.1	25.4	22.1	41.6
PAPA010	24-Apr-14	1	33.6	36.6	32.4	28.3	22.6	38.7
PAPA010	24-Apr-14	2	32.9	36.6	31.1	25.8	21.8	39.0
PAPA010	24-Apr-14	3	32.2	35.8	30.4	26.3	23.7	38.2
PAPA010	24-Apr-14	4	31.8	34.9	30.4	27.1	25.1	39.1
PAPA010	24-Apr-14	5	33.1	36.1	31.6	27.5	24.1	45.3
PAPA010	24-Apr-14	6	33.5	36.1	32.5	29.7	27.1	40.8
PAPA010	24-Apr-14	7	33.9	36.6	33.5	29.3	26.3	39.9
PAPA010	24-Apr-14	8	33.5	36.3	32.8	28.2	24.6	39.4

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA010	24-Apr-14	9	33.4	36.1	31.5	27.2	22.9	51.1
PAPA010	24-Apr-14	10	34.0	35.8	29.9	25.6	21.6	57.9
PAPA010	24-Apr-14	11	30.6	33.8	28.7	25.4	21.7	41.9
PAPA010	24-Apr-14	12	33.2	36.1	30.8	27.3	24.4	53.8
PAPA010	24-Apr-14	13	39.8	36.6	31.1	27.5	23.7	70.4
PAPA010	24-Apr-14	14	36.0	39.5	32.8	27.9	23.7	51.8
PAPA010	12-Apr-15	11	33.2	36.9	28.8	24.2	21.4	47.4
PAPA010	12-Apr-15	12	35.7	32.0	25.1	22.5	20.5	63.8
PAPA010	12-Apr-15	13	34.7	31.4	23.5	21.5	19.8	61.5
PAPA010	12-Apr-15	14	41.3	34.6	26.3	22.3	20.2	71.3
PAPA010	12-Apr-15	15	38.0	35.9	25.8	22.0	19.7	60.8
PAPA010	12-Apr-15	16	34.7	37.6	29.1	23.1	19.2	61.2
PAPA010	12-Apr-15	17	32.7	36.2	28.0	22.5	19.0	51.6
PAPA010	12-Apr-15	18	30.3	33.7	27.0	22.4	19.4	45.8
PAPA010	12-Apr-15	19	27.9	29.1	22.5	20.2	18.5	53.7
PAPA010	12-Apr-15	20	32.5	25.5	23.5	22.2	20.1	55.1
PAPA010	12-Apr-15	21	26.8	26.5	24.0	22.7	21.2	48.9
PAPA010	12-Apr-15	22	26.4	28.3	25.9	24.0	22.1	35.3
PAPA010	12-Apr-15	23	26.3	28.3	25.6	23.7	21.4	36.9
PAPA010	13-Apr-15	0	23.8	25.8	23.4	21.4	20.1	29.3
PAPA010	13-Apr-15	1	24.8	25.6	23.4	22.2	20.5	38.1
PAPA010	13-Apr-15	2	22.0	23.7	21.5	20.2	19.0	33.8
PAPA010	13-Apr-15	3	26.7	25.2	23.5	20.5	19.2	47.0
PAPA010	13-Apr-15	4	22.3	24.0	21.7	20.6	19.3	31.7
PAPA010	13-Apr-15	5	26.1	29.2	24.0	20.7	19.3	40.4
PAPA010	13-Apr-15	6	34.0	33.0	28.6	25.3	22.2	58.5
PAPA010	13-Apr-15	7	35.6	32.4	29.7	27.9	25.2	61.9
PAPA010	13-Apr-15	8	36.9	30.5	25.4	22.7	20.5	61.8
PAPA010	13-Apr-15	9	27.2	23.8	21.1	19.6	18.2	49.0
PAPA010	13-Apr-15	10	24.2	23.3	21.0	20.0	18.5	43.3
PAPA010	13-Apr-15	11	24.6	25.9	23.7	21.9	20.1	41.7
PAPA010	13-Apr-15	12	35.6	28.2	23.9	22.4	20.0	63.8
PAPA010	13-Apr-15	13	37.7	31.0	24.2	21.9	20.0	64.3
PAPA010	13-Apr-15	14	24.1	25.9	22.7	21.0	19.3	41.2
PAPA010	13-Apr-15	15	27.1	27.5	23.0	21.1	19.2	54.6
PAPA010	13-Apr-15	16	28.0	30.8	24.5	22.1	20.2	44.9
PAPA010	13-Apr-15	17	37.0	33.2	27.0	23.1	19.8	63.9
PAPA010	13-Apr-15	18	25.9	28.4	24.1	21.4	19.3	40.2
PAPA010	13-Apr-15	19	28.0	28.3	24.4	21.0	18.3	51.0
PAPA010	13-Apr-15	20	35.7	35.6	30.0	25.5	21.1	61.2
PAPA010	13-Apr-15	21	32.1	33.7	31.8	29.9	27.3	37.1
PAPA010	13-Apr-15	22	29.4	31.9	28.2	26.6	23.9	37.8
PAPA010	13-Apr-15	23	33.2	35.0	32.9	31.0	29.0	38.6
PAPA010	14-Apr-15	0	34.6	37.0	33.7	31.6	28.9	41.8
PAPA010	14-Apr-15	1	31.4	34.1	30.3	28.3	25.2	38.9
PAPA010	14-Apr-15	2	29.8	31.2	29.6	28.1	26.5	34.2

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA010	14-Apr-15	3	34.3	36.6	34.1	30.2	28.3	41.2
PAPA010	14-Apr-15	4	35.3	37.7	34.7	32.2	29.5	42.6
PAPA010	14-Apr-15	5	37.5	39.3	37.2	34.8	32.5	48.4
PAPA010	14-Apr-15	6	39.2	40.0	37.3	34.8	32.5	58.5
PAPA010	14-Apr-15	7	37.9	39.7	36.6	35.0	32.9	53.6
PAPA010	14-Apr-15	8	40.8	41.3	37.9	35.6	33.2	63.6
PAPA010	14-Apr-15	9	45.3	42.7	37.6	32.9	28.7	69.3
PAPA010	14-Apr-15	10	42.6	39.0	31.5	27.2	23.9	64.7
PAPA011	12-Apr-13	10	26.7	29.7	24.4	20.7	17.8	40.6
PAPA011	12-Apr-13	11	23.7	26.3	20.3	17.7	16.6	42.8
PAPA011	12-Apr-13	12	29.0	29.6	21.5	17.7	16.5	50.5
PAPA011	12-Apr-13	13	30.5	34.2	27.5	21.0	16.8	42.5
PAPA011	12-Apr-13	14	23.3	26.6	20.1	17.2	16.5	37.3
PAPA011	12-Apr-13	15	26.1	29.5	22.8	17.8	16.6	43.1
PAPA011	12-Apr-13	16	28.7	31.8	24.9	18.2	16.1	46.1
PAPA011	12-Apr-13	17	26.5	29.0	23.0	18.3	16.0	51.3
PAPA011	12-Apr-13	18	23.9	27.2	21.1	17.2	15.5	39.2
PAPA011	12-Apr-13	19	21.8	24.2	17.4	15.8	15.1	38.7
PAPA011	12-Apr-13	20	24.3	24.0	18.2	16.0	14.9	50.3
PAPA011	12-Apr-13	21	18.7	20.6	18.2	16.5	15.3	31.5
PAPA011	12-Apr-13	22	18.1	19.7	17.7	16.4	15.2	24.6
PAPA011	12-Apr-13	23	18.1	19.6	17.6	16.0	15.1	28.7
PAPA011	13-Apr-13	0	17.0	18.0	16.8	16.0	15.3	22.5
PAPA011	13-Apr-13	1	19.7	21.5	19.1	17.5	16.0	32.2
PAPA011	13-Apr-13	2	18.1	19.4	17.8	16.8	16.0	25.5
PAPA011	13-Apr-13	3	17.8	18.9	17.5	16.7	16.0	24.1
PAPA011	13-Apr-13	4	18.6	19.8	18.0	17.0	15.8	37.8
PAPA011	13-Apr-13	5	26.1	30.6	22.3	17.7	16.0	37.8
PAPA011	13-Apr-13	6	31.5	34.9	27.9	21.0	18.0	44.1
PAPA011	13-Apr-13	7	24.4	27.4	21.0	18.7	17.3	39.5
PAPA011	13-Apr-13	8	26.7	27.9	19.8	18.5	17.7	48.9
PAPA011	13-Apr-13	9	28.1	28.1	21.0	18.7	17.1	49.5
PAPA011	13-Apr-13	10	33.6	34.7	29.1	24.7	19.4	57.4
PAPA011	13-Apr-13	11	34.2	37.5	31.4	26.0	21.7	51.6
PAPA011	13-Apr-13	12	35.2	38.7	32.8	27.5	20.6	50.6
PAPA011	13-Apr-13	13	40.1	43.4	37.9	32.7	25.2	54.7
PAPA011	13-Apr-13	14	36.7	40.3	34.4	29.2	23.9	49.2
PAPA011	13-Apr-13	15	37.8	41.1	35.3	30.0	25.5	51.0
PAPA011	13-Apr-13	16	31.8	35.2	28.1	23.1	20.2	48.8
PAPA011	13-Apr-13	17	25.9	27.0	20.1	17.8	16.7	46.8
PAPA011	13-Apr-13	18	30.2	29.3	23.9	21.0	17.6	54.2
PAPA011	13-Apr-13	19	26.0	26.2	22.1	19.0	16.6	47.2
PAPA011	13-Apr-13	20	28.1	30.6	24.5	19.7	16.9	50.5
PAPA011	13-Apr-13	21	32.0	35.4	28.1	23.7	20.9	50.9
PAPA011	13-Apr-13	22	28.7	31.4	24.9	20.9	18.2	46.2
PAPA011	13-Apr-13	23	30.5	34.1	27.8	20.2	18.1	44.0

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA011	14-Apr-13	0	23.4	25.6	22.0	19.5	17.2	39.0
PAPA011	14-Apr-13	1	23.3	25.5	21.6	18.5	16.7	38.6
PAPA011	14-Apr-13	2	24.0	27.0	21.8	19.3	17.0	36.9
PAPA011	14-Apr-13	3	26.9	29.8	24.8	21.9	19.3	41.8
PAPA011	14-Apr-13	4	28.5	31.6	26.2	23.2	20.4	42.7
PAPA011	14-Apr-13	5	26.8	30.3	24.4	21.2	18.8	40.0
PAPA011	14-Apr-13	6	25.3	29.7	22.1	18.8	17.2	39.4
PAPA011	14-Apr-13	7	24.7	27.7	22.3	19.7	16.8	39.3
PAPA011	14-Apr-13	8	27.6	30.7	24.7	21.5	18.9	43.8
PAPA011	10-Apr-14	14	35.4	36.7	28.6	21.1	16.9	59.2
PAPA011	10-Apr-14	15	55.5	37.9	26.4	19.3	16.8	75.9
PAPA011	10-Apr-14	16	31.6	33.3	25.9	19.8	16.7	60.4
PAPA011	10-Apr-14	17	32.7	32.1	25.5	20.4	16.5	59.6
PAPA011	10-Apr-14	18	45.0	31.4	23.9	19.4	16.9	66.4
PAPA011	10-Apr-14	19	32.3	29.1	19.6	15.9	15.1	53.4
PAPA011	10-Apr-14	20	21.5	21.2	16.3	15.4	15.0	48.7
PAPA011	10-Apr-14	21	17.7	18.5	16.5	15.7	15.1	33.5
PAPA011	10-Apr-14	22	24.3	19.7	17.5	15.6	15.1	47.1
PAPA011	10-Apr-14	23	19.3	20.3	18.4	17.5	16.8	37.1
PAPA011	11-Apr-14	0	25.9	21.2	17.7	17.0	16.2	45.7
PAPA011	11-Apr-14	1	17.4	18.1	17.2	16.2	15.7	35.0
PAPA011	11-Apr-14	2	20.1	17.8	17.0	16.5	16.1	40.6
PAPA011	11-Apr-14	3	31.2	36.4	17.6	16.8	16.1	45.4
PAPA011	11-Apr-14	4	19.6	17.7	16.7	15.9	15.3	40.7
PAPA011	11-Apr-14	5	26.3	29.7	18.3	16.5	15.8	44.1
PAPA011	11-Apr-14	6	34.7	38.6	29.1	21.5	18.1	50.5
PAPA011	11-Apr-14	7	36.3	39.4	24.0	20.0	18.1	53.1
PAPA011	04-Apr-15	10	36.9	25.7	20.7	17.9	16.6	68.5
PAPA011	04-Apr-15	11	45.6	28.2	19.9	17.0	15.9	70.6
PAPA011	04-Apr-15	12	42.1	30.1	18.2	16.2	15.8	63.0
PAPA011	04-Apr-15	13	42.0	31.1	20.0	16.7	16.0	66.9
PAPA011	04-Apr-15	14	45.1	45.2	36.9	25.0	16.8	67.5
PAPA011	04-Apr-15	15	41.6	44.2	34.9	24.9	17.9	64.3
PAPA011	04-Apr-15	16	41.4	44.6	35.8	27.4	18.4	64.6
PAPA011	04-Apr-15	17	45.9	49.7	43.2	36.2	24.7	61.2
PAPA011	04-Apr-15	18	40.0	44.1	36.2	28.3	21.3	54.1
PAPA011	04-Apr-15	19	27.7	30.3	21.5	16.7	15.3	46.5
PAPA011	04-Apr-15	20	33.1	20.5	17.0	15.8	15.2	57.7
PAPA011	04-Apr-15	21	19.3	20.8	16.0	15.4	15.0	33.7
PAPA011	04-Apr-15	22	18.4	19.2	17.0	15.9	15.3	39.7
PAPA011	04-Apr-15	23	18.6	20.5	18.1	16.4	15.4	24.1
PAPA011	05-Apr-15	0	17.7	19.6	16.9	16.0	15.4	27.8
PAPA011	05-Apr-15	1	19.2	21.7	17.9	15.6	15.0	30.3
PAPA011	05-Apr-15	2	17.5	19.9	15.7	15.1	14.9	32.4
PAPA011	05-Apr-15	3	20.4	23.2	19.7	15.6	14.9	30.2
PAPA011	05-Apr-15	4	23.7	26.0	22.9	20.9	19.7	32.2

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA011	05-Apr-15	5	22.6	25.4	21.2	18.8	17.4	36.7
PAPA011	05-Apr-15	6	28.4	30.0	25.7	20.1	17.6	44.2
PAPA011	05-Apr-15	7	46.5	37.6	25.9	22.9	19.7	67.9
PAPA011	05-Apr-15	8	36.3	28.5	22.7	20.5	18.6	68.4
PAPA011	05-Apr-15	9	22.5	25.2	21.1	18.1	16.1	33.3
PAPA011	05-Apr-15	10	33.6	32.8	23.8	18.7	16.7	55.9
PAPA011	05-Apr-15	11	32.2	35.7	26.6	18.4	16.2	49.4
PAPA011	05-Apr-15	12	41.2	45.5	36.4	24.8	17.2	54.8
PAPA011	05-Apr-15	13	48.0	48.3	40.9	31.5	19.3	74.1
PAPA011	05-Apr-15	14	42.9	46.7	39.3	30.5	20.2	57.8
PAPA011	05-Apr-15	15	40.6	44.2	34.6	25.4	18.7	61.6
PAPA011	05-Apr-15	16	40.6	44.3	36.0	27.8	20.1	56.5
PAPA011	05-Apr-15	17	39.1	42.4	34.6	25.7	18.8	60.6
PAPA011	05-Apr-15	18	31.3	34.9	26.8	19.9	16.8	47.3
PAPA011	05-Apr-15	19	19.5	21.7	16.7	15.8	15.4	39.8
PAPA011	05-Apr-15	20	22.2	22.4	19.1	17.7	16.4	47.6
PAPA011	05-Apr-15	21	19.0	20.1	17.9	16.3	15.8	32.6
PAPA011	05-Apr-15	22	18.4	18.2	16.1	15.6	15.2	33.8
PAPA011	05-Apr-15	23	16.1	16.8	15.9	15.4	15.0	21.8
PAPA011	06-Apr-15	0	19.2	20.4	18.9	17.9	16.1	26.3
PAPA011	06-Apr-15	1	18.4	19.7	17.5	16.5	15.7	34.0
PAPA011	06-Apr-15	2	16.1	16.2	15.4	14.9	14.7	29.8
PAPA011	06-Apr-15	3	15.5	15.4	14.9	14.8	14.6	25.7
PAPA011	06-Apr-15	4	16.1	17.5	15.6	14.8	14.6	28.8
PAPA011	06-Apr-15	5	19.6	22.9	17.7	16.0	15.2	30.4
PAPA011	06-Apr-15	6	25.0	28.2	22.3	18.9	15.6	39.6
PAPA011	06-Apr-15	7	31.1	28.5	22.1	18.5	16.1	57.4
PAPA011	06-Apr-15	8	29.2	28.0	21.7	18.1	15.9	58.6
PAPA011	06-Apr-15	9	23.1	24.1	17.5	16.3	15.4	47.5
PAPA011	06-Apr-15	10	28.6	30.5	19.3	17.0	16.1	51.2
PAPA011	06-Apr-15	11	43.3	47.1	38.7	27.5	17.1	65.1
PAPA011	06-Apr-15	12	44.8	48.7	41.4	34.3	26.1	59.2
PAPA011	06-Apr-15	13	42.6	46.4	39.3	30.9	21.6	56.7
PAPA011	06-Apr-15	14	43.8	47.7	40.5	31.4	20.1	58.9
PAPA011	06-Apr-15	15	39.7	43.6	35.8	28.0	20.0	54.3
PAPA011	06-Apr-15	16	39.9	43.8	36.0	27.3	17.2	55.1
PAPA011	06-Apr-15	17	39.6	43.4	36.3	28.3	18.4	53.2
PAPA011	06-Apr-15	18	39.6	43.4	35.7	27.7	21.4	57.7
PAPA011	06-Apr-15	19	37.5	41.1	34.9	28.9	21.8	49.3
PAPA011	06-Apr-15	20	36.1	39.6	33.2	29.0	25.3	50.4
PAPA011	06-Apr-15	21	27.3	30.0	23.8	20.5	18.3	43.1
PAPA011	06-Apr-15	22	23.3	23.8	20.2	18.9	17.5	40.1
PAPA011	06-Apr-15	23	19.8	21.6	19.1	17.6	16.4	31.5
PAPA011	07-Apr-15	0	18.1	19.9	17.6	16.3	15.7	24.2
PAPA011	07-Apr-15	1	20.9	23.4	19.7	17.9	16.6	29.9
PAPA011	07-Apr-15	2	22.5	24.5	21.8	20.2	18.7	29.3

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA011	07-Apr-15	3	21.4	22.5	21.2	20.1	19.0	36.0
PAPA011	07-Apr-15	4	22.5	23.7	22.3	21.3	20.2	27.2
PAPA011	07-Apr-15	5	25.6	26.8	24.0	22.6	21.1	39.7
PAPA011	07-Apr-15	6	27.9	28.7	26.2	24.4	22.0	50.8
PAPA011	07-Apr-15	7	23.5	24.9	21.8	19.8	17.7	38.4
PAPA011	07-Apr-15	8	27.6	24.5	21.5	19.7	18.1	48.3
PAPA011	07-Apr-15	9	36.4	27.4	21.7	19.1	17.8	63.1
PAPA011	07-Apr-15	10	34.6	30.4	25.5	21.3	18.2	56.6
PAPA011	07-Apr-15	11	32.5	33.1	30.3	27.8	25.7	54.0
PAPA011	07-Apr-15	12	33.0	33.2	30.3	27.3	22.1	56.8
PAPA011	07-Apr-15	13	43.3	27.4	22.8	21.1	19.7	68.4
PAPA011	07-Apr-15	14	28.0	23.7	20.9	18.9	17.6	54.1
PAPA011	07-Apr-15	15	24.5	24.7	19.4	17.2	16.4	47.9
PAPA011	07-Apr-15	16	33.8	36.8	18.9	16.7	16.2	52.5
PAPA011	07-Apr-15	17	31.4	34.0	29.4	25.8	23.1	48.4
PAPA011	07-Apr-15	18	28.3	30.3	26.9	24.3	21.9	44.8
PAPA011	07-Apr-15	19	32.9	29.1	25.1	22.1	19.9	60.5
PAPA011	07-Apr-15	20	30.9	28.5	26.2	24.5	22.4	55.7
PAPA011	07-Apr-15	21	25.7	28.3	24.5	22.7	21.3	34.4
PAPA011	07-Apr-15	22	23.2	23.6	17.4	15.3	15.0	44.6
PAPA011	07-Apr-15	23	21.9	21.4	16.9	15.7	15.1	40.5
PAPA011	08-Apr-15	0	21.3	23.6	20.3	17.9	16.1	32.0
PAPA011	08-Apr-15	1	21.4	23.5	20.4	18.1	16.6	34.6
PAPA011	08-Apr-15	2	21.9	24.2	21.0	19.0	17.1	30.0
PAPA011	08-Apr-15	3	23.0	26.4	21.2	17.5	15.9	34.6
PAPA011	08-Apr-15	4	17.5	18.8	16.8	15.9	15.4	29.1
PAPA011	08-Apr-15	5	23.6	26.6	22.2	19.5	17.5	29.6
PAPA011	08-Apr-15	6	37.5	28.4	25.8	21.5	17.6	62.6
PAPA011	08-Apr-15	7	25.6	26.6	22.3	19.7	16.9	39.7
PAPA011	08-Apr-15	8	25.4	26.2	22.4	20.2	18.6	44.4
PAPA011	08-Apr-15	9	26.7	29.2	24.2	20.8	18.3	44.8
PAPA011	08-Apr-15	10	41.5	31.4	24.4	19.3	17.5	66.7
PAPA011	08-Apr-15	11	28.0	28.8	23.4	19.8	16.8	48.1
PAPA011	08-Apr-15	12	26.2	28.8	22.1	19.0	16.7	46.7
PAPA011	08-Apr-15	13	29.9	29.0	23.9	20.5	17.2	55.1
PAPA011	08-Apr-15	14	26.4	27.3	22.6	18.7	17.3	57.5
PAPA011	08-Apr-15	15	22.8	24.1	21.1	19.1	17.6	39.5
PAPA011	08-Apr-15	16	33.0	32.5	23.8	21.5	19.3	55.5
PAPA011	08-Apr-15	17	26.3	27.9	22.6	19.8	18.1	43.4
PAPA011	08-Apr-15	18	23.8	24.9	19.3	17.2	16.1	43.8
PAPA011	08-Apr-15	19	23.8	25.4	21.4	19.8	17.8	40.0
PAPA011	08-Apr-15	20	22.1	24.0	20.5	19.2	18.0	34.8
PAPA011	08-Apr-15	21	22.9	24.6	21.6	19.4	17.7	37.5
PAPA011	08-Apr-15	22	24.1	24.2	20.1	18.6	17.8	40.4
PAPA011	08-Apr-15	23	22.3	24.1	20.5	18.8	17.7	36.8
PAPA011	09-Apr-15	0	23.2	24.2	21.2	19.8	18.4	39.5

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA011	09-Apr-15	1	22.5	24.8	19.4	17.5	16.6	36.9
PAPA011	09-Apr-15	2	19.2	20.3	18.5	17.4	16.4	29.9
PAPA011	09-Apr-15	3	18.8	20.3	18.2	16.9	16.1	31.2
PAPA011	09-Apr-15	4	19.1	20.6	18.9	17.2	15.8	25.1
PAPA011	09-Apr-15	5	21.2	23.4	20.5	18.0	16.6	30.3
PAPA011	09-Apr-15	6	23.0	25.2	21.1	18.1	16.2	46.5
PAPA011	09-Apr-15	7	23.5	22.9	17.3	15.7	15.1	52.4
PAPA011	09-Apr-15	8	24.8	26.1	22.0	19.8	18.0	44.6
PAPA011	09-Apr-15	9	29.8	27.8	21.9	19.4	17.5	52.6
PAPA011	09-Apr-15	10	29.9	25.6	20.5	18.6	17.0	55.0
PAPA011	09-Apr-15	11	35.3	24.5	19.1	17.2	16.4	62.8
PAPA011	09-Apr-15	12	20.0	18.3	16.9	16.4	16.0	44.6
PAPA011	09-Apr-15	13	25.4	20.0	16.6	16.0	15.7	57.4
PAPA011	09-Apr-15	14	30.8	30.3	18.2	16.6	15.9	52.8
PAPA011	09-Apr-15	15	26.4	28.8	18.1	16.5	15.9	48.5
PAPA011	09-Apr-15	16	23.2	24.9	19.7	17.6	16.5	38.3
PAPA011	09-Apr-15	17	27.0	29.3	19.8	16.2	15.7	48.4
PAPA011	09-Apr-15	18	27.5	31.3	23.6	15.5	15.1	42.0
PAPA011	09-Apr-15	19	36.3	26.7	22.6	15.5	15.2	62.0
PAPA011	09-Apr-15	20	29.2	32.7	27.4	22.6	18.2	39.5
PAPA011	09-Apr-15	21	24.6	26.9	23.4	19.7	18.4	34.7
PAPA011	09-Apr-15	22	18.8	21.0	17.7	15.8	15.3	30.7
PAPA011	09-Apr-15	23	20.5	21.5	18.1	15.4	15.1	35.5
PAPA011	10-Apr-15	0	21.4	24.1	20.2	18.1	17.1	29.4
PAPA011	10-Apr-15	1	22.0	23.4	21.8	20.1	18.9	32.5
PAPA011	10-Apr-15	2	24.8	26.5	24.6	22.3	20.5	30.2
PAPA011	10-Apr-15	3	28.8	31.6	27.8	24.9	23.2	34.5
PAPA011	10-Apr-15	4	30.3	32.5	29.4	27.8	26.1	39.5
PAPA011	10-Apr-15	5	29.2	31.2	28.7	26.5	23.2	36.1
PAPA011	10-Apr-15	6	37.7	29.4	27.2	25.3	22.8	63.9
PAPA011	10-Apr-15	7	28.1	27.7	24.0	22.3	20.9	50.1
PAPA011	10-Apr-15	8	26.9	28.5	25.2	22.8	21.0	42.6
PAPA011	10-Apr-15	9	29.9	27.5	25.4	23.7	22.2	50.2
PAPA011	10-Apr-15	10	39.0	30.6	26.6	21.5	18.4	68.8
PAPA011	10-Apr-15	11	47.8	26.6	19.1	17.7	16.6	76.2
PAPA011	10-Apr-15	12	40.7	36.7	19.6	16.9	16.1	67.9
PAPA011	10-Apr-15	13	25.4	25.0	18.0	17.0	16.4	44.4
PAPA011	10-Apr-15	14	49.9	44.0	23.4	17.7	16.8	73.7
PAPA011	10-Apr-15	15	37.0	37.8	19.3	17.2	16.4	64.2
PAPA011	10-Apr-15	16	20.0	20.8	17.3	16.2	15.9	41.2
PAPA011	10-Apr-15	17	33.3	22.6	16.7	16.0	15.6	56.8
PAPA011	10-Apr-15	18	33.3	21.4	16.0	15.4	15.2	59.6
PAPA011	10-Apr-15	19	28.1	29.0	17.9	15.6	15.1	47.1
PAPA011	10-Apr-15	20	23.9	26.4	18.7	15.7	15.2	46.7
PAPA011	10-Apr-15	21	16.9	18.4	16.2	15.7	15.3	27.3
PAPA011	10-Apr-15	22	18.3	18.8	17.5	16.6	15.9	44.7

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA011	10-Apr-15	23	21.6	23.5	21.2	19.0	17.1	27.1
PAPA011	11-Apr-15	0	20.5	23.3	19.1	16.2	15.5	27.6
PAPA011	11-Apr-15	1	18.5	19.9	18.3	16.7	16.0	29.6
PAPA011	11-Apr-15	2	17.1	18.5	16.6	16.1	15.6	22.3
PAPA011	11-Apr-15	3	22.5	24.8	21.2	19.0	17.0	32.8
PAPA011	11-Apr-15	4	21.6	24.4	20.3	17.6	15.6	31.7
PAPA011	11-Apr-15	5	24.5	28.0	21.3	17.9	16.5	39.6
PAPA011	11-Apr-15	6	41.4	46.3	30.7	23.1	18.0	59.7
PAPA011	11-Apr-15	7	39.2	43.7	25.0	21.0	19.1	58.9
PAPA011	11-Apr-15	8	54.3	32.5	21.7	19.8	17.5	78.8
PAPA012	12-Apr-13	12	28.6	31.9	24.6	19.6	17.1	47.5
PAPA012	12-Apr-13	13	30.7	34.4	26.7	19.9	17.0	46.5
PAPA012	12-Apr-13	14	26.1	29.8	22.4	18.4	16.9	40.3
PAPA012	12-Apr-13	15	27.8	31.9	23.9	18.5	16.7	41.2
PAPA012	12-Apr-13	16	30.3	33.3	25.2	19.5	16.6	51.2
PAPA012	12-Apr-13	17	26.9	30.3	23.1	17.5	15.6	41.6
PAPA012	12-Apr-13	18	24.3	27.8	19.7	16.2	14.7	42.0
PAPA012	12-Apr-13	19	22.3	25.3	17.2	15.4	14.6	39.1
PAPA012	12-Apr-13	20	20.9	22.7	18.0	16.3	15.4	35.2
PAPA012	12-Apr-13	21	18.5	20.2	17.8	16.3	15.2	25.9
PAPA012	12-Apr-13	22	18.1	19.0	17.7	16.4	15.2	35.6
PAPA012	12-Apr-13	23	18.1	19.3	17.9	16.0	15.1	30.1
PAPA012	13-Apr-13	0	19.5	21.3	18.5	17.0	16.0	33.9
PAPA012	13-Apr-13	1	21.6	22.9	20.9	19.6	18.4	38.7
PAPA012	13-Apr-13	2	18.9	19.9	18.6	17.8	16.7	29.2
PAPA012	13-Apr-13	3	19.4	20.3	19.1	18.1	16.7	31.1
PAPA012	13-Apr-13	4	20.7	21.8	19.5	17.6	16.1	42.0
PAPA012	13-Apr-13	5	23.4	27.0	20.4	18.7	17.3	39.4
PAPA012	13-Apr-13	6	28.1	30.4	26.5	23.0	19.9	41.0
PAPA012	13-Apr-13	7	27.3	28.6	25.0	22.8	21.0	45.0
PAPA012	13-Apr-13	8	28.6	30.3	23.9	21.5	19.8	48.9
PAPA012	13-Apr-13	9	24.9	25.8	21.7	19.8	17.4	50.6
PAPA012	13-Apr-13	10	37.3	33.9	27.1	21.4	17.6	65.5
PAPA012	13-Apr-13	11	33.1	36.7	29.8	23.7	19.8	47.0
PAPA012	13-Apr-13	12	35.7	39.6	32.5	25.6	20.6	49.0
PAPA012	13-Apr-13	13	40.2	44.0	36.7	30.4	22.9	53.2
PAPA012	13-Apr-13	14	39.9	43.6	37.1	31.3	24.1	54.5
PAPA012	13-Apr-13	15	40.3	43.6	36.2	29.5	24.0	57.0
PAPA012	13-Apr-13	16	34.1	37.6	31.0	25.3	21.5	48.2
PAPA012	13-Apr-13	17	25.5	28.2	21.1	18.6	17.0	47.0
PAPA012	13-Apr-13	18	29.7	28.7	24.0	20.9	18.4	49.8
PAPA012	13-Apr-13	19	24.7	26.4	22.0	19.9	17.4	41.7
PAPA012	13-Apr-13	20	24.3	27.3	21.3	19.4	18.1	38.2
PAPA012	13-Apr-13	21	32.2	35.8	28.2	23.1	18.9	46.7
PAPA012	13-Apr-13	22	29.3	32.8	26.1	22.0	19.2	43.1
PAPA012	13-Apr-13	23	25.8	28.8	23.3	20.7	18.5	38.9

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA012	14-Apr-13	0	23.7	25.7	22.8	20.9	18.8	36.0
PAPA012	14-Apr-13	1	25.2	26.8	22.3	20.2	18.7	44.2
PAPA012	14-Apr-13	2	25.8	28.8	23.8	21.6	19.7	39.7
PAPA012	14-Apr-13	3	25.8	28.3	23.3	21.2	19.3	40.5
PAPA012	14-Apr-13	4	25.6	28.3	23.1	21.2	19.6	41.9
PAPA012	14-Apr-13	5	24.8	27.3	23.1	21.3	19.6	44.0
PAPA012	14-Apr-13	6	26.8	29.5	25.7	22.3	19.2	38.8
PAPA012	14-Apr-13	7	28.4	28.7	23.6	20.6	18.0	59.5
PAPA012	14-Apr-13	8	28.5	32.1	25.0	21.6	19.0	43.4
PAPA012	14-Apr-13	9	33.2	37.1	30.2	23.4	18.0	46.0
PAPA012	11-Apr-14	17	38.3	39.1	32.1	25.3	18.5	66.3
PAPA012	11-Apr-14	18	42.7	36.5	29.3	22.7	17.9	68.8
PAPA012	11-Apr-14	19	29.4	33.0	24.3	18.0	15.6	47.7
PAPA012	11-Apr-14	20	17.8	18.4	16.3	15.6	14.9	36.0
PAPA012	11-Apr-14	21	20.7	23.0	19.7	17.3	16.2	32.3
PAPA012	11-Apr-14	22	22.2	23.2	20.5	17.7	16.5	37.5
PAPA012	11-Apr-14	23	19.2	20.6	18.8	17.5	16.1	26.3
PAPA012	12-Apr-14	0	18.2	19.4	17.9	16.9	16.1	24.9
PAPA012	12-Apr-14	1	20.5	23.7	17.7	16.1	15.2	34.7
PAPA012	12-Apr-14	2	20.5	23.3	17.8	15.5	14.8	33.6
PAPA012	12-Apr-14	3	20.9	22.9	19.3	17.5	16.4	33.1
PAPA012	12-Apr-14	4	21.9	23.8	21.1	18.5	16.9	34.1
PAPA012	12-Apr-14	5	24.4	27.2	23.2	19.3	17.9	39.9
PAPA012	12-Apr-14	6	41.3	31.6	24.4	21.5	19.5	71.6
PAPA012	12-Apr-14	7	33.4	29.2	22.5	18.9	16.9	63.3
PAPA012	12-Apr-14	8	29.3	29.9	24.3	21.5	17.2	51.0
PAPA012	12-Apr-14	9	39.6	29.0	17.3	15.8	15.3	64.2
PAPA012	12-Apr-14	10	30.7	26.7	16.1	15.3	14.9	54.3
PAPA012	12-Apr-14	11	23.9	21.4	17.1	15.7	15.3	45.9
PAPA012	12-Apr-14	12	33.6	25.1	17.9	15.9	15.2	56.8
PAPA012	12-Apr-14	13	36.0	31.5	22.8	18.1	15.9	59.8
PAPA012	12-Apr-14	14	34.5	38.1	29.3	19.9	15.4	49.2
PAPA012	12-Apr-14	15	34.1	37.9	28.5	20.7	16.9	49.5
PAPA012	12-Apr-14	16	34.0	37.8	30.0	23.4	17.9	47.1
PAPA012	12-Apr-14	17	26.2	29.5	23.0	18.4	16.1	42.0
PAPA012	12-Apr-14	18	20.6	23.6	18.1	16.1	15.3	33.3
PAPA012	12-Apr-14	19	20.7	22.1	16.5	15.3	14.7	38.2
PAPA012	12-Apr-14	20	22.9	18.5	15.8	15.1	14.6	45.1
PAPA012	12-Apr-14	21	21.2	22.8	15.7	14.9	14.5	40.4
PAPA012	12-Apr-14	22	15.2	15.9	15.1	14.6	14.2	18.8
PAPA012	12-Apr-14	23	23.9	22.4	18.7	16.2	14.7	44.0
PAPA012	13-Apr-14	0	22.4	24.9	21.7	18.1	16.7	29.7
PAPA012	13-Apr-14	1	24.5	26.1	24.4	22.5	20.5	31.1
PAPA012	13-Apr-14	2	25.4	27.0	25.1	23.0	20.9	36.7
PAPA012	13-Apr-14	3	32.8	36.0	29.4	25.3	20.6	47.6
PAPA012	13-Apr-14	4	28.7	31.8	26.2	22.9	20.8	44.5

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA012	13-Apr-14	5	28.5	31.4	26.3	22.7	20.1	42.3
PAPA012	13-Apr-14	6	25.9	28.5	24.0	21.7	18.0	39.0
PAPA012	13-Apr-14	7	25.4	27.3	24.3	22.2	19.9	41.3
PAPA012	13-Apr-14	8	29.6	30.6	21.4	17.2	15.9	49.8
PAPA012	13-Apr-14	9	27.5	31.0	24.6	18.4	16.3	47.9
PAPA012	13-Apr-14	10	27.3	28.1	18.8	17.0	15.8	49.6
PAPA012	13-Apr-14	11	22.2	21.9	18.4	16.5	15.2	42.3
PAPA012	13-Apr-14	12	27.3	25.0	18.4	16.6	15.7	47.9
PAPA012	13-Apr-14	13	26.7	26.7	21.4	19.1	16.4	44.3
PAPA012	13-Apr-14	14	29.9	25.9	20.2	18.0	16.4	51.7
PAPA012	13-Apr-14	15	21.5	25.6	18.1	16.3	15.6	37.9
PAPA012	13-Apr-14	16	21.9	21.0	16.2	14.9	14.5	53.7
PAPA012	13-Apr-14	17	21.4	20.9	15.9	14.7	14.2	41.7
PAPA012	13-Apr-14	18	24.5	22.4	16.2	14.9	14.4	46.6
PAPA012	13-Apr-14	19	24.3	23.8	19.7	17.8	16.2	44.2
PAPA012	13-Apr-14	20	28.3	27.9	16.8	14.9	14.3	46.5
PAPA012	13-Apr-14	21	23.0	21.5	18.0	16.6	15.7	41.2
PAPA012	13-Apr-14	22	35.6	23.5	17.1	15.8	15.2	61.3
PAPA012	13-Apr-14	23	23.8	21.0	17.3	16.3	15.4	43.0
PAPA012	14-Apr-14	0	28.1	18.6	16.8	15.8	14.9	50.6
PAPA012	14-Apr-14	1	21.9	17.4	15.9	15.2	14.4	55.2
PAPA012	14-Apr-14	2	18.6	16.8	15.4	15.0	14.6	39.5
PAPA012	14-Apr-14	3	16.8	16.2	15.3	14.7	14.2	34.4
PAPA012	14-Apr-14	4	16.1	17.0	15.7	15.1	14.5	22.4
PAPA012	14-Apr-14	5	16.9	17.8	16.7	15.9	15.3	20.7
PAPA012	14-Apr-14	6	17.2	18.2	17.0	16.2	15.2	20.3
PAPA012	14-Apr-14	7	22.1	18.7	17.4	16.5	15.1	51.4
PAPA012	14-Apr-14	8	18.6	18.7	16.9	15.9	15.0	38.7
PAPA012	14-Apr-14	9	19.2	18.4	17.0	16.2	15.4	39.2
PAPA012	14-Apr-14	10	17.5	18.6	17.3	16.4	15.6	24.7
PAPA012	14-Apr-14	11	19.1	20.1	18.3	17.3	16.1	40.6
PAPA012	14-Apr-14	12	25.8	24.7	20.6	19.1	17.4	44.3
PAPA012	04-Apr-15	11	36.1	24.8	19.1	17.4	16.5	58.6
PAPA012	04-Apr-15	12	35.0	22.9	17.3	16.3	15.6	64.0
PAPA012	04-Apr-15	13	25.5	29.0	18.6	16.6	15.5	43.2
PAPA012	04-Apr-15	14	40.3	42.6	34.1	22.5	15.6	60.5
PAPA012	04-Apr-15	15	38.4	41.7	33.6	24.9	17.7	58.8
PAPA012	04-Apr-15	16	39.1	42.5	34.9	26.8	18.0	60.8
PAPA012	04-Apr-15	17	45.8	49.5	42.7	35.1	21.9	60.5
PAPA012	04-Apr-15	18	40.1	44.0	35.8	28.0	20.1	55.3
PAPA012	04-Apr-15	19	29.8	33.8	24.4	17.3	14.8	44.9
PAPA012	04-Apr-15	20	24.6	27.7	22.3	17.7	15.4	38.0
PAPA012	04-Apr-15	21	21.7	24.2	16.7	15.3	14.8	39.1
PAPA012	04-Apr-15	22	18.5	20.0	16.8	15.6	14.9	37.9
PAPA012	04-Apr-15	23	22.4	25.1	19.3	16.5	15.2	38.8
PAPA012	05-Apr-15	0	18.9	19.8	17.8	16.6	15.7	41.3

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA012	05-Apr-15	1	21.2	22.4	16.7	16.0	15.3	50.2
PAPA012	05-Apr-15	2	24.0	22.9	19.8	18.2	16.0	44.7
PAPA012	05-Apr-15	3	24.2	25.8	22.3	17.4	15.2	44.1
PAPA012	05-Apr-15	4	27.8	26.2	23.2	21.9	20.2	49.4
PAPA012	05-Apr-15	5	29.0	31.9	25.4	23.2	21.0	49.5
PAPA012	05-Apr-15	6	31.6	34.0	30.2	27.2	23.0	50.9
PAPA012	05-Apr-15	7	30.1	33.5	28.4	26.0	22.9	39.7
PAPA012	05-Apr-15	8	27.6	31.1	23.4	20.9	19.0	43.4
PAPA012	05-Apr-15	9	36.0	26.8	21.6	19.4	17.3	63.4
PAPA012	05-Apr-15	10	34.9	30.4	22.7	18.6	16.5	58.8
PAPA012	05-Apr-15	11	30.4	34.3	24.0	17.5	15.9	48.6
PAPA012	05-Apr-15	12	42.6	43.2	33.4	24.4	17.8	63.3
PAPA012	05-Apr-15	13	42.0	45.7	38.5	30.7	19.5	56.6
PAPA012	05-Apr-15	14	42.9	46.5	38.7	31.5	23.3	60.1
PAPA012	05-Apr-15	15	47.2	45.8	36.2	25.8	18.4	69.5
PAPA012	05-Apr-15	16	41.1	44.9	36.5	28.5	20.0	56.2
PAPA012	05-Apr-15	17	38.3	42.2	34.8	27.9	18.7	52.4
PAPA012	05-Apr-15	18	32.6	36.2	28.7	21.9	17.2	48.6
PAPA012	05-Apr-15	19	24.7	25.9	18.6	15.9	15.0	55.3
PAPA012	05-Apr-15	20	25.9	28.8	23.2	20.3	18.6	42.8
PAPA012	05-Apr-15	21	19.6	20.3	18.6	16.6	15.8	34.2
PAPA012	05-Apr-15	22	18.6	19.2	17.4	16.2	15.5	35.5
PAPA012	05-Apr-15	23	18.6	20.7	17.1	15.4	14.8	30.5
PAPA012	06-Apr-15	0	24.2	26.0	23.8	21.7	19.2	31.6
PAPA012	06-Apr-15	1	21.8	23.5	21.2	19.7	18.3	30.4
PAPA012	06-Apr-15	2	20.7	22.0	17.9	16.7	15.3	35.9
PAPA012	06-Apr-15	3	19.9	19.8	16.1	15.1	14.4	38.9
PAPA012	06-Apr-15	4	16.3	17.1	15.7	15.0	14.4	32.4
PAPA012	06-Apr-15	5	27.5	31.7	22.7	16.0	14.8	43.9
PAPA012	06-Apr-15	6	32.4	35.9	28.2	21.6	16.7	47.6
PAPA012	06-Apr-15	7	30.5	34.8	25.4	19.8	16.1	50.3
PAPA012	06-Apr-15	8	30.1	34.5	22.8	18.8	16.6	47.9
PAPA012	06-Apr-15	9	23.4	25.6	19.9	16.2	15.3	47.2
PAPA012	06-Apr-15	10	30.3	33.3	20.5	16.6	15.8	49.5
PAPA012	06-Apr-15	11	42.0	45.2	36.7	26.6	18.6	64.3
PAPA012	06-Apr-15	12	42.5	46.2	39.5	31.8	22.6	58.5
PAPA012	06-Apr-15	13	43.4	45.8	37.4	28.9	19.3	66.3
PAPA012	06-Apr-15	14	40.9	44.9	36.6	26.8	17.6	56.1
PAPA012	06-Apr-15	15	42.0	44.4	35.7	27.8	19.7	61.7
PAPA012	06-Apr-15	16	39.7	43.7	35.9	27.2	17.0	54.4
PAPA012	06-Apr-15	17	40.5	44.4	36.7	28.6	19.7	54.4
PAPA012	06-Apr-15	18	41.9	45.6	38.5	30.9	21.8	55.3
PAPA012	06-Apr-15	19	41.7	45.4	38.8	32.3	23.3	55.6
PAPA012	06-Apr-15	20	42.3	46.1	39.4	33.0	24.1	56.3
PAPA012	06-Apr-15	21	29.6	32.7	27.7	23.9	20.9	42.8
PAPA012	06-Apr-15	22	25.4	28.3	23.2	21.2	19.1	40.1

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA012	06-Apr-15	23	25.3	28.5	22.8	20.4	18.6	39.8
PAPA012	07-Apr-15	0	21.9	24.1	20.2	18.0	16.9	35.8
PAPA012	07-Apr-15	1	22.2	24.6	20.7	19.0	17.7	37.5
PAPA012	07-Apr-15	2	25.2	27.3	24.2	22.2	20.6	35.6
PAPA012	07-Apr-15	3	28.5	30.6	28.1	25.6	22.9	36.8
PAPA012	07-Apr-15	4	29.3	31.8	28.7	25.3	22.6	36.9
PAPA012	07-Apr-15	5	31.5	33.7	29.3	26.2	23.7	45.9
PAPA012	07-Apr-15	6	32.8	35.0	30.3	26.6	23.3	61.3
PAPA012	07-Apr-15	7	32.5	35.3	28.8	22.6	19.9	54.5
PAPA012	07-Apr-15	8	31.1	34.5	25.6	22.6	20.0	50.5
PAPA012	07-Apr-15	9	35.2	27.2	22.4	19.1	18.0	63.3
PAPA012	07-Apr-15	10	35.2	29.8	25.6	22.2	20.5	56.4
PAPA012	07-Apr-15	11	30.7	33.1	30.0	27.4	24.4	39.5
PAPA012	07-Apr-15	12	39.9	34.0	29.8	27.2	23.7	61.7
PAPA012	07-Apr-15	13	28.7	27.5	23.8	21.5	18.9	54.7
PAPA012	07-Apr-15	14	23.0	25.2	20.3	18.9	17.5	36.0
PAPA012	07-Apr-15	15	22.7	22.3	19.2	17.3	16.3	42.3
PAPA012	07-Apr-15	16	32.2	31.9	18.9	16.9	16.2	51.2
PAPA012	07-Apr-15	17	35.1	38.7	31.4	26.9	22.7	49.5
PAPA012	07-Apr-15	18	28.6	31.1	26.9	24.2	21.2	42.5
PAPA012	07-Apr-15	19	26.8	28.5	25.8	23.8	22.1	40.0
PAPA012	07-Apr-15	20	27.5	29.6	26.4	24.4	22.3	40.2
PAPA012	07-Apr-15	21	23.9	25.7	23.3	21.9	19.4	30.9
PAPA012	07-Apr-15	22	23.1	22.5	18.8	17.1	16.1	42.8
PAPA012	07-Apr-15	23	23.9	25.8	21.4	18.3	16.3	40.6
PAPA012	08-Apr-15	0	23.3	25.4	22.7	19.5	16.5	36.6
PAPA012	08-Apr-15	1	23.6	25.6	21.8	19.2	17.6	44.4
PAPA012	08-Apr-15	2	23.0	25.3	22.4	19.2	16.0	32.4
PAPA012	08-Apr-15	3	22.1	24.5	21.1	18.7	17.2	33.2
PAPA012	08-Apr-15	4	17.6	19.0	16.6	15.8	15.2	27.5
PAPA012	08-Apr-15	5	26.2	29.1	25.3	20.6	16.4	34.0
PAPA012	08-Apr-15	6	31.2	33.7	29.3	24.9	19.5	45.8
PAPA012	08-Apr-15	7	30.1	32.4	26.9	24.1	19.5	54.9
PAPA012	08-Apr-15	8	27.4	30.1	25.4	23.0	20.9	46.7
PAPA012	08-Apr-15	9	26.7	29.0	25.7	23.3	21.2	37.3
PAPA012	08-Apr-15	10	34.2	29.5	25.1	21.5	18.9	67.3
PAPA012	08-Apr-15	11	24.2	27.1	22.9	18.3	16.9	38.3
PAPA012	08-Apr-15	12	23.1	25.6	21.9	19.2	17.2	35.6
PAPA012	08-Apr-15	13	41.0	29.9	23.9	19.8	17.9	69.0
PAPA012	08-Apr-15	14	29.9	33.4	25.6	22.1	19.6	47.1
PAPA012	08-Apr-15	15	26.8	28.6	25.1	23.0	20.7	48.7
PAPA012	08-Apr-15	16	30.1	31.3	27.0	24.7	21.5	56.5
PAPA012	08-Apr-15	17	28.0	30.3	27.2	22.6	19.6	42.8
PAPA012	08-Apr-15	18	25.3	26.8	22.1	19.5	17.3	40.4
PAPA012	08-Apr-15	19	25.2	27.0	23.0	21.5	19.6	40.9
PAPA012	08-Apr-15	20	25.2	27.2	23.7	21.8	20.0	38.1

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA012	08-Apr-15	21	24.9	27.3	23.6	21.0	19.0	35.8
PAPA012	08-Apr-15	22	25.8	28.3	22.9	20.4	18.6	39.0
PAPA012	08-Apr-15	23	24.4	26.6	22.9	21.5	19.9	37.9
PAPA012	09-Apr-15	0	24.5	24.7	22.3	20.6	18.8	44.2
PAPA012	09-Apr-15	1	25.8	29.5	22.4	17.4	16.3	38.2
PAPA012	09-Apr-15	2	23.6	26.3	22.3	18.5	17.0	35.6
PAPA012	09-Apr-15	3	22.3	24.1	21.6	19.9	18.5	30.0
PAPA012	09-Apr-15	4	22.0	23.6	21.6	19.9	18.4	30.8
PAPA012	09-Apr-15	5	23.8	27.0	21.7	19.1	17.6	38.4
PAPA012	09-Apr-15	6	34.3	36.8	26.1	18.3	15.9	51.1
PAPA012	09-Apr-15	7	27.0	31.6	19.5	16.1	14.8	42.6
PAPA012	09-Apr-15	8	32.3	32.2	24.1	19.4	16.7	55.3
PAPA012	09-Apr-15	9	30.8	32.4	20.9	17.7	16.2	51.3
PAPA012	09-Apr-15	10	22.8	23.0	19.9	17.8	16.8	49.5
PAPA012	09-Apr-15	11	30.2	24.5	20.4	18.7	17.5	60.1
PAPA012	09-Apr-15	12	20.6	22.0	20.1	18.7	17.6	30.8
PAPA012	09-Apr-15	13	18.2	19.1	17.8	17.0	16.3	36.6
PAPA012	09-Apr-15	14	25.4	26.2	18.4	17.5	16.7	51.4
PAPA012	09-Apr-15	15	22.8	24.1	18.6	17.3	16.5	42.7
PAPA012	09-Apr-15	16	22.0	24.6	18.8	17.4	16.6	38.3
PAPA012	09-Apr-15	17	27.7	30.4	19.1	16.8	15.9	47.4
PAPA012	09-Apr-15	18	19.6	22.7	17.1	15.6	14.8	35.0
PAPA012	09-Apr-15	19	25.0	27.6	24.6	18.2	15.7	34.0
PAPA012	09-Apr-15	20	31.9	35.3	29.7	25.1	20.6	44.3
PAPA012	09-Apr-15	21	26.6	29.8	25.4	22.6	20.5	34.0
PAPA012	09-Apr-15	22	20.9	23.2	19.3	17.4	16.3	35.1
PAPA012	09-Apr-15	23	22.2	21.4	19.1	17.8	16.6	38.8
PAPA012	10-Apr-15	0	21.9	23.5	21.2	19.1	17.5	32.5
PAPA012	10-Apr-15	1	22.4	25.9	21.0	19.2	18.0	35.4
PAPA012	10-Apr-15	2	25.0	26.2	24.9	23.5	21.9	29.1
PAPA012	10-Apr-15	3	28.0	30.3	26.8	24.4	22.3	37.3
PAPA012	10-Apr-15	4	28.5	30.0	28.2	26.6	24.6	33.5
PAPA012	10-Apr-15	5	31.9	34.5	29.3	27.4	25.3	46.5
PAPA012	10-Apr-15	6	32.2	35.2	30.8	27.7	24.5	47.3
PAPA012	10-Apr-15	7	30.0	33.2	27.9	25.7	24.2	45.2
PAPA012	10-Apr-15	8	31.7	33.0	28.9	26.2	23.7	53.3
PAPA012	10-Apr-15	9	43.5	35.3	31.0	26.2	24.3	78.1
PAPA012	10-Apr-15	10	40.3	28.0	22.6	18.9	17.4	63.0
PAPA012	10-Apr-15	11	37.8	21.7	17.9	16.7	15.9	60.7
PAPA012	10-Apr-15	12	23.5	25.2	18.2	16.7	16.0	41.9
PAPA012	10-Apr-15	13	22.0	23.3	18.1	16.9	16.0	44.9
PAPA012	10-Apr-15	14	24.2	25.9	18.7	17.3	16.6	46.1
PAPA012	10-Apr-15	15	42.6	24.0	18.1	16.9	16.2	65.5
PAPA012	10-Apr-15	16	42.5	24.2	17.4	16.0	15.4	66.4
PAPA012	10-Apr-15	17	23.0	22.0	16.5	15.6	15.3	45.7
PAPA012	10-Apr-15	18	20.1	18.2	15.5	15.0	14.7	44.8

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA012	10-Apr-15	19	21.3	20.4	15.8	15.2	14.8	41.4
PAPA012	10-Apr-15	20	27.1	29.9	21.8	17.9	15.4	49.1
PAPA012	10-Apr-15	21	16.9	18.0	16.8	15.4	14.8	27.9
PAPA012	10-Apr-15	22	17.0	18.1	16.6	15.7	15.1	21.2
PAPA012	10-Apr-15	23	22.7	25.4	22.2	18.5	17.2	28.4
PAPA012	11-Apr-15	0	21.5	23.3	21.3	18.5	17.2	25.8
PAPA012	11-Apr-15	1	18.4	19.9	18.2	16.9	16.3	27.9
PAPA012	11-Apr-15	2	24.5	27.9	22.3	19.1	17.3	37.8
PAPA012	11-Apr-15	3	23.4	24.8	22.1	20.4	17.6	43.2
PAPA012	11-Apr-15	4	21.8	24.4	20.3	18.3	16.6	36.4
PAPA012	11-Apr-15	5	29.6	33.9	22.5	19.8	17.9	51.8
PAPA012	11-Apr-15	6	31.9	35.5	26.3	21.8	18.1	49.2
PAPA012	11-Apr-15	7	37.2	35.4	27.2	23.6	20.9	58.8
PAPA012	11-Apr-15	8	31.7	28.7	24.3	21.2	18.8	59.7
PAPA012	11-Apr-15	9	48.2	35.3	23.8	21.1	18.8	73.9
PAPA012	11-Apr-15	10	27.7	24.2	20.3	18.3	17.1	53.1
PAPA012	11-Apr-15	11	38.3	34.2	21.2	17.5	16.2	66.0
PAPA012	11-Apr-15	12	35.5	39.9	28.2	20.5	17.3	51.1
PAPA012	11-Apr-15	13	36.7	39.1	29.5	22.5	17.0	58.4
PAPA012	11-Apr-15	14	42.0	40.8	32.0	24.6	18.6	73.1
PAPA012	11-Apr-15	15	37.4	41.1	33.3	26.0	17.9	54.4
PAPA012	11-Apr-15	16	37.1	40.9	33.1	26.8	21.1	52.6
PAPA012	11-Apr-15	17	36.7	40.5	33.3	26.5	21.1	50.5
PAPA012	11-Apr-15	18	37.8	41.4	34.8	28.7	22.9	55.5
PAPA012	11-Apr-15	19	33.3	37.1	29.3	25.4	20.1	48.7
PAPA012	11-Apr-15	20	28.1	31.7	25.3	20.6	18.8	38.6
PAPA012	11-Apr-15	21	23.3	24.8	22.9	21.4	19.4	30.1
PAPA012	11-Apr-15	22	24.0	25.7	23.7	21.2	19.4	33.0
PAPA012	11-Apr-15	23	23.7	26.4	22.6	19.8	17.7	31.0
PAPA012	12-Apr-15	0	20.8	22.9	19.9	18.5	17.6	27.4
PAPA012	12-Apr-15	1	20.4	22.3	19.8	18.1	16.1	30.6
PAPA012	12-Apr-15	2	19.5	21.8	17.8	16.4	15.6	33.5
PAPA012	12-Apr-15	3	18.0	19.2	17.7	16.7	15.7	29.3
PAPA012	12-Apr-15	4	22.2	25.5	20.0	16.0	14.9	34.5
PAPA012	12-Apr-15	5	30.5	32.4	23.2	19.3	17.6	50.6
PAPA012	12-Apr-15	6	32.2	34.1	28.2	22.5	18.6	58.2
PAPA012	12-Apr-15	7	27.8	31.1	25.4	21.6	18.9	44.9
PAPA013	12-Apr-13	13	33.4	37.0	29.4	24.0	19.6	47.0
PAPA013	12-Apr-13	14	31.2	34.6	28.5	24.7	21.3	45.4
PAPA013	12-Apr-13	15	29.2	32.5	25.3	21.8	18.6	44.7
PAPA013	12-Apr-13	16	34.4	36.1	28.9	22.4	18.6	57.1
PAPA013	12-Apr-13	17	28.0	31.7	25.0	20.6	18.2	41.0
PAPA013	12-Apr-13	18	28.9	32.6	25.7	20.1	17.4	43.1
PAPA013	12-Apr-13	19	24.5	27.1	22.2	19.6	17.5	38.2
PAPA013	12-Apr-13	20	28.1	30.2	27.0	24.3	21.1	47.1
PAPA013	12-Apr-13	21	27.9	29.4	27.4	25.7	23.2	35.2

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA013	12-Apr-13	22	28.7	30.2	28.5	26.8	24.4	33.4
PAPA013	12-Apr-13	23	27.2	29.8	26.7	23.0	21.4	35.5
PAPA013	13-Apr-13	0	28.3	30.6	28.0	24.3	21.5	34.1
PAPA013	13-Apr-13	1	29.2	31.1	29.2	25.0	22.0	34.9
PAPA013	13-Apr-13	2	31.7	33.5	31.3	29.5	27.3	39.1
PAPA013	13-Apr-13	3	32.2	34.2	31.6	29.4	26.5	38.9
PAPA013	13-Apr-13	4	33.6	35.6	33.1	30.5	27.4	39.8
PAPA013	13-Apr-13	5	28.7	32.3	27.2	22.5	18.4	38.7
PAPA013	13-Apr-13	6	26.4	25.3	22.7	20.3	17.7	53.6
PAPA013	13-Apr-13	7	28.3	27.0	25.2	21.9	20.1	50.1
PAPA013	13-Apr-13	8	47.7	29.6	25.7	24.3	22.7	75.0
PAPA013	13-Apr-13	9	28.1	30.9	26.4	23.1	20.3	43.7
PAPA013	13-Apr-13	10	37.6	41.1	34.9	29.8	24.0	51.5
PAPA013	13-Apr-13	11	37.8	41.6	35.1	29.5	24.8	49.0
PAPA013	13-Apr-13	12	38.8	42.5	36.3	30.3	24.5	51.7
PAPA013	13-Apr-13	13	39.7	43.3	36.6	30.7	25.3	53.7
PAPA013	13-Apr-13	14	42.9	46.6	40.1	34.0	27.5	56.3
PAPA013	13-Apr-13	15	44.4	47.9	41.8	35.8	29.2	56.2
PAPA013	13-Apr-13	16	37.9	41.6	32.8	26.4	21.6	54.3
PAPA013	13-Apr-13	17	30.1	33.1	24.4	20.2	18.5	48.6
PAPA013	13-Apr-13	18	28.3	30.5	24.1	20.9	18.9	44.4
PAPA013	13-Apr-13	19	27.1	29.9	25.0	22.7	20.6	39.8
PAPA013	13-Apr-13	20	28.1	30.6	26.1	23.1	20.6	40.9
PAPA013	13-Apr-13	21	35.5	38.9	32.3	27.5	23.4	53.8
PAPA013	13-Apr-13	22	33.1	36.5	30.1	25.8	22.6	47.4
PAPA013	13-Apr-13	23	30.3	33.9	27.5	23.1	19.4	45.5
PAPA013	14-Apr-13	0	22.7	24.6	21.4	20.0	18.5	36.7
PAPA013	14-Apr-13	1	22.3	24.1	20.6	18.2	16.7	36.9
PAPA013	14-Apr-13	2	22.6	25.4	20.3	18.1	17.2	36.8
PAPA013	14-Apr-13	3	27.8	31.1	25.2	21.8	19.2	41.6
PAPA013	14-Apr-13	4	24.9	27.8	21.8	19.9	18.7	42.2
PAPA013	14-Apr-13	5	21.1	22.4	20.6	19.4	17.8	36.8
PAPA013	14-Apr-13	6	23.1	25.3	22.2	20.3	18.4	32.1
PAPA013	14-Apr-13	7	33.6	24.5	21.9	20.5	19.1	63.1
PAPA013	14-Apr-13	8	31.1	34.9	27.3	22.1	19.8	44.5
PAPA013	14-Apr-13	9	36.5	40.1	33.4	27.1	21.1	50.5
PAPA013	14-Apr-13	10	37.7	41.3	35.0	28.7	21.4	51.6
PAPA013	11-Apr-14	18	36.7	40.1	33.8	28.3	23.5	59.9
PAPA013	11-Apr-14	19	31.8	35.4	29.0	24.6	20.3	46.8
PAPA013	11-Apr-14	20	29.4	31.9	28.8	25.4	21.1	35.4
PAPA013	11-Apr-14	21	22.0	24.6	19.9	17.7	16.6	39.4
PAPA013	11-Apr-14	22	23.0	22.3	19.8	18.3	16.8	41.5
PAPA013	11-Apr-14	23	24.9	27.9	23.3	20.1	18.0	34.0
PAPA013	12-Apr-14	0	29.1	32.2	27.6	24.4	22.2	35.8
PAPA013	12-Apr-14	1	27.1	29.0	26.7	24.7	22.7	38.2
PAPA013	12-Apr-14	2	29.7	32.5	28.8	25.8	20.8	36.1

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA013	12-Apr-14	3	26.5	30.1	23.2	19.0	16.7	37.8
PAPA013	12-Apr-14	4	23.0	27.5	18.8	17.7	16.7	32.5
PAPA013	12-Apr-14	5	28.1	30.4	27.0	23.8	20.2	40.5
PAPA013	12-Apr-14	6	29.8	30.8	27.4	24.7	20.5	47.2
PAPA013	12-Apr-14	7	44.8	35.3	28.9	26.0	23.6	70.9
PAPA013	12-Apr-14	8	33.0	31.0	26.8	24.5	22.4	60.5
PAPA013	12-Apr-14	9	29.5	27.8	20.1	17.4	15.8	53.6
PAPA013	12-Apr-14	10	30.3	24.8	17.7	16.8	15.7	54.7
PAPA013	12-Apr-14	11	21.4	22.3	19.5	17.9	16.7	45.6
PAPA013	12-Apr-14	12	23.3	26.1	20.9	18.7	16.8	37.8
PAPA013	12-Apr-14	13	31.8	35.4	26.8	21.6	17.9	47.9
PAPA013	12-Apr-14	14	36.3	39.7	32.3	25.5	20.4	52.7
PAPA013	12-Apr-14	15	36.5	40.2	33.1	26.2	19.0	52.6
PAPA013	12-Apr-14	16	34.8	38.1	31.4	25.5	20.2	56.5
PAPA013	12-Apr-14	17	26.9	30.6	24.0	18.0	15.2	42.4
PAPA013	12-Apr-14	18	21.7	25.1	18.9	15.6	14.5	33.4
PAPA013	12-Apr-14	19	21.0	22.7	15.8	14.8	14.3	40.4
PAPA013	12-Apr-14	20	22.5	24.1	17.7	16.1	15.2	40.5
PAPA013	12-Apr-14	21	26.9	30.6	24.5	16.9	15.8	38.7
PAPA013	12-Apr-14	22	27.6	30.4	27.0	23.7	21.1	34.5
PAPA013	12-Apr-14	23	30.8	32.7	29.5	26.8	22.9	45.3
PAPA013	13-Apr-14	0	29.3	31.4	28.5	26.2	24.2	42.5
PAPA013	13-Apr-14	1	29.5	31.2	28.6	27.2	25.3	38.5
PAPA013	13-Apr-14	2	31.1	33.3	30.2	27.4	24.5	43.3
PAPA013	13-Apr-14	3	35.5	39.3	31.8	27.4	24.6	50.5
PAPA013	13-Apr-14	4	29.1	31.3	27.8	26.1	23.8	40.5
PAPA013	13-Apr-14	5	29.3	31.8	28.0	25.8	24.2	41.2
PAPA013	13-Apr-14	6	29.3	32.0	27.6	25.2	22.5	44.5
PAPA013	13-Apr-14	7	42.1	30.1	25.7	24.2	21.2	64.8
PAPA013	13-Apr-14	8	34.4	37.7	24.8	19.3	17.0	51.6
PAPA013	13-Apr-14	9	27.6	27.3	22.8	20.0	17.7	48.1
PAPA013	13-Apr-14	10	26.6	28.7	21.1	18.4	16.7	48.4
PAPA013	13-Apr-14	11	35.6	24.8	20.2	18.3	16.7	65.8
PAPA013	13-Apr-14	12	26.8	27.5	23.0	20.0	18.3	43.8
PAPA013	13-Apr-14	13	25.3	27.1	19.1	18.0	16.6	42.9
PAPA013	13-Apr-14	14	27.3	26.1	19.5	17.3	16.3	46.7
PAPA013	13-Apr-14	15	21.9	24.2	20.1	18.0	16.2	36.7
PAPA013	13-Apr-14	16	23.3	24.4	19.9	17.5	15.9	39.9
PAPA013	13-Apr-14	17	27.9	26.5	20.5	17.3	15.1	50.3
PAPA013	13-Apr-14	18	23.1	23.4	18.2	16.5	15.1	41.2
PAPA013	13-Apr-14	19	22.4	24.8	20.4	18.2	16.6	35.9
PAPA013	13-Apr-14	20	32.0	28.8	21.6	17.3	14.9	52.9
PAPA013	13-Apr-14	21	23.0	22.8	19.6	17.9	16.4	45.4
PAPA013	13-Apr-14	22	39.4	26.2	21.4	19.2	17.3	65.1
PAPA013	13-Apr-14	23	28.7	31.0	25.4	21.8	19.0	45.8
PAPA013	14-Apr-14	0	28.5	30.0	26.9	24.5	22.0	44.8

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA013	14-Apr-14	1	26.5	28.7	25.7	23.4	20.4	35.6
PAPA013	14-Apr-14	2	26.9	29.0	26.1	24.2	21.4	35.1
PAPA013	14-Apr-14	3	27.2	29.0	25.9	23.7	21.3	38.5
PAPA013	14-Apr-14	4	29.4	32.0	28.0	25.5	23.4	40.7
PAPA013	14-Apr-14	5	25.1	28.0	24.5	19.1	17.3	33.6
PAPA013	14-Apr-14	6	22.1	23.3	20.8	19.1	17.3	48.0
PAPA013	14-Apr-14	7	24.4	25.6	22.9	17.9	15.7	51.4
PAPA013	14-Apr-14	8	19.0	18.3	16.7	16.0	15.2	37.6
PAPA013	14-Apr-14	9	18.3	18.2	16.6	16.0	15.2	36.7
PAPA013	14-Apr-14	10	17.5	18.4	17.1	16.5	15.7	34.1
PAPA013	14-Apr-14	11	19.6	20.7	19.0	18.0	17.1	33.2
PAPA013	14-Apr-14	12	41.5	25.3	21.8	20.5	18.6	66.4
PAPA013	14-Apr-14	13	25.8	26.0	23.5	21.8	20.5	51.1
PAPA013	10-Apr-15	18	25.1	23.1	20.1	18.7	16.7	53.6
PAPA013	10-Apr-15	19	26.0	28.2	21.8	19.3	17.8	46.0
PAPA013	10-Apr-15	20	27.6	30.4	25.2	22.3	19.3	41.8
PAPA013	10-Apr-15	21	22.9	25.2	22.1	20.1	18.3	29.0
PAPA013	10-Apr-15	22	20.9	22.6	20.6	18.6	16.7	25.0
PAPA013	10-Apr-15	23	27.5	30.1	26.6	23.6	20.1	32.2
PAPA013	11-Apr-15	0	32.5	35.0	31.8	28.3	25.5	38.4
PAPA013	11-Apr-15	1	31.8	33.4	31.4	29.3	26.9	38.5
PAPA013	11-Apr-15	2	35.0	38.1	33.6	29.8	24.7	42.9
PAPA013	11-Apr-15	3	37.5	39.7	37.0	34.2	29.6	45.3
PAPA013	11-Apr-15	4	38.1	41.3	36.7	34.0	31.0	46.9
PAPA013	11-Apr-15	5	37.7	39.5	37.2	34.9	31.9	44.6
PAPA013	11-Apr-15	6	35.3	38.8	33.4	30.9	29.0	42.5
PAPA013	11-Apr-15	7	35.8	36.7	34.5	32.5	30.4	55.8
PAPA013	11-Apr-15	8	34.6	35.5	32.0	25.6	23.1	61.1
PAPA013	11-Apr-15	9	32.3	31.0	27.1	24.8	22.6	53.0
PAPA013	11-Apr-15	10	30.6	27.9	25.8	24.6	23.2	57.8
PAPA013	11-Apr-15	11	33.8	32.6	26.3	23.7	20.9	58.6
PAPA013	11-Apr-15	12	35.2	38.5	31.3	26.4	21.5	51.5
PAPA013	11-Apr-15	13	38.8	42.7	35.5	29.3	23.0	52.2
PAPA013	11-Apr-15	14	36.9	40.2	33.7	27.9	23.5	52.6
PAPA013	11-Apr-15	15	36.7	40.4	32.9	27.1	21.9	52.2
PAPA013	11-Apr-15	16	35.3	38.6	32.1	27.5	23.0	50.8
PAPA013	11-Apr-15	17	34.9	38.1	32.2	27.4	23.6	55.5
PAPA013	11-Apr-15	18	38.2	41.8	35.1	30.0	24.5	53.8
PAPA013	11-Apr-15	19	33.5	37.2	29.8	24.9	20.3	47.5
PAPA013	11-Apr-15	20	30.7	33.6	29.6	25.6	22.4	41.2
PAPA013	11-Apr-15	21	30.3	33.0	29.5	25.2	22.5	37.8
PAPA013	11-Apr-15	22	30.7	32.5	30.2	27.8	23.9	39.0
PAPA013	11-Apr-15	23	27.8	31.3	25.3	22.8	21.4	40.2
PAPA013	12-Apr-15	0	31.1	34.4	29.7	26.3	22.8	39.5
PAPA013	12-Apr-15	1	30.0	33.2	28.3	25.8	24.1	38.2
PAPA013	12-Apr-15	2	28.5	31.8	27.6	19.9	17.0	36.8

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA013	12-Apr-15	3	25.3	28.3	23.6	18.5	17.1	38.0
PAPA013	12-Apr-15	4	26.0	29.5	23.3	20.9	18.4	38.5
PAPA013	12-Apr-15	5	30.0	32.5	29.5	25.5	19.8	38.1
PAPA013	12-Apr-15	6	25.9	29.0	24.0	20.8	17.6	38.9
PAPA013	12-Apr-15	7	29.0	28.8	23.0	20.2	17.6	54.6
PAPA013	12-Apr-15	8	30.1	32.2	25.1	21.5	19.6	47.0
PAPA013	12-Apr-15	9	33.1	36.5	30.1	24.4	20.3	48.2
PAPA013	12-Apr-15	10	36.4	35.0	27.7	22.4	18.7	63.9
PAPA013	12-Apr-15	11	28.0	31.1	24.0	21.3	19.3	46.7
PAPA013	12-Apr-15	12	25.9	28.3	23.6	21.4	19.4	46.9
PAPA013	12-Apr-15	13	28.3	30.0	22.9	20.6	18.9	56.4
PAPA013	12-Apr-15	14	25.7	28.0	22.2	20.3	18.8	43.3
PAPA013	12-Apr-15	15	29.8	33.2	25.5	21.6	19.5	47.7
PAPA013	12-Apr-15	16	30.2	33.8	26.5	21.6	19.4	46.7
PAPA013	12-Apr-15	17	30.3	33.8	27.0	22.0	18.6	46.9
PAPA013	12-Apr-15	18	29.2	32.7	26.1	21.5	18.2	42.7
PAPA013	12-Apr-15	19	24.3	26.3	21.7	18.9	17.0	40.7
PAPA013	12-Apr-15	20	21.4	22.5	20.5	18.9	17.4	39.7
PAPA013	12-Apr-15	21	25.8	28.0	25.3	22.8	20.3	31.6
PAPA013	12-Apr-15	22	25.4	28.3	24.2	21.3	19.9	33.7
PAPA013	12-Apr-15	23	27.4	29.0	27.0	24.7	23.2	34.7
PAPA013	13-Apr-15	0	28.5	31.3	27.5	25.3	23.6	34.4
PAPA013	13-Apr-15	1	28.4	30.0	27.7	25.5	22.8	39.1
PAPA013	13-Apr-15	2	26.1	27.6	25.7	23.9	22.4	32.5
PAPA013	13-Apr-15	3	25.9	26.2	23.3	21.3	20.1	44.9
PAPA013	13-Apr-15	4	29.1	31.9	28.6	23.5	21.7	34.8
PAPA013	13-Apr-15	5	29.8	31.6	29.4	27.6	24.6	37.6
PAPA013	13-Apr-15	6	33.6	35.7	32.7	30.0	28.1	51.2
PAPA013	13-Apr-15	7	36.3	38.4	35.5	33.6	31.6	45.7
PAPA013	13-Apr-15	8	34.2	37.3	32.3	25.9	23.3	50.2
PAPA013	13-Apr-15	9	27.6	25.5	21.9	20.2	18.8	48.8
PAPA013	13-Apr-15	10	22.9	24.1	22.4	21.4	20.0	34.9
PAPA013	13-Apr-15	11	24.0	25.3	23.5	22.0	20.3	40.5
PAPA013	13-Apr-15	12	26.4	28.2	24.4	22.8	21.1	47.2
PAPA013	13-Apr-15	13	26.7	27.6	24.1	22.5	20.7	51.4
PAPA013	13-Apr-15	14	26.1	28.3	24.4	22.5	20.1	39.3
PAPA013	13-Apr-15	15	27.7	30.5	24.7	22.2	20.2	45.7
PAPA013	13-Apr-15	16	30.6	33.8	27.0	23.9	20.9	48.2
PAPA013	13-Apr-15	17	31.3	34.6	28.2	23.8	19.3	46.2
PAPA013	13-Apr-15	18	26.7	30.0	23.4	19.3	17.5	41.5
PAPA013	13-Apr-15	19	24.3	28.1	21.5	19.1	17.4	37.1
PAPA013	13-Apr-15	20	29.4	32.5	28.3	21.7	18.5	40.1
PAPA013	13-Apr-15	21	30.4	33.6	28.5	24.9	22.0	39.1
PAPA013	13-Apr-15	22	31.6	34.0	30.7	28.8	27.2	38.7
PAPA013	13-Apr-15	23	31.4	33.6	30.5	28.9	27.7	37.1
PAPA013	14-Apr-15	0	36.2	38.6	35.6	32.1	29.5	42.9

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA013	14-Apr-15	1	34.0	36.1	33.6	30.7	28.0	40.0
PAPA013	14-Apr-15	2	33.2	35.0	32.9	30.6	28.3	39.5
PAPA013	14-Apr-15	3	35.2	36.9	35.0	32.8	29.6	41.1
PAPA013	14-Apr-15	4	35.8	37.8	35.3	33.3	31.4	41.6
PAPA013	14-Apr-15	5	37.1	38.7	36.9	34.8	32.3	41.6
PAPA013	14-Apr-15	6	36.8	38.8	36.4	34.4	31.6	42.5
PAPA013	14-Apr-15	7	37.7	40.2	36.9	34.2	31.8	45.8
PAPA013	14-Apr-15	8	35.3	37.5	34.5	32.0	28.8	47.1
PAPA013	14-Apr-15	9	34.9	37.6	33.3	30.5	26.8	47.6
PAPA013	14-Apr-15	10	38.9	42.6	34.9	29.1	25.1	53.1
PAPA013	14-Apr-15	11	45.2	48.5	40.9	34.3	29.5	62.0
PAPA013	14-Apr-15	12	43.6	47.4	39.5	32.5	26.9	62.9
PAPA013	14-Apr-15	13	46.6	50.1	42.4	34.6	27.0	63.7
PAPA013	14-Apr-15	14	46.0	49.8	42.1	35.0	26.6	61.8
PAPA013	14-Apr-15	15	44.4	47.5	38.8	31.1	22.9	62.5
PAPA013	14-Apr-15	16	46.6	49.4	39.2	30.9	25.8	67.0
PAPA013	14-Apr-15	17	42.5	46.6	37.5	28.2	24.4	59.7
PAPA014	18-Apr-13	12	31.5	35.1	28.9	24.2	20.4	47.3
PAPA014	18-Apr-13	13	33.6	36.9	31.2	26.7	22.6	47.8
PAPA014	18-Apr-13	14	36.0	39.5	33.5	28.8	24.6	49.3
PAPA014	18-Apr-13	15	37.4	40.8	35.0	29.3	25.3	49.9
PAPA014	18-Apr-13	16	39.2	41.4	35.9	30.2	24.8	59.5
PAPA014	18-Apr-13	17	37.0	40.1	34.8	29.8	24.2	51.9
PAPA014	18-Apr-13	18	38.6	42.0	36.5	32.2	26.9	50.9
PAPA014	18-Apr-13	19	40.2	43.3	38.7	34.8	30.4	52.6
PAPA014	18-Apr-13	20	36.1	39.2	34.2	29.7	27.0	49.7
PAPA014	18-Apr-13	21	33.6	36.8	31.4	29.0	26.8	44.2
PAPA014	18-Apr-13	22	34.9	39.0	31.0	28.7	25.0	44.7
PAPA014	18-Apr-13	23	29.8	31.8	29.1	27.2	24.7	38.7
PAPA014	19-Apr-13	0	30.4	31.7	30.2	29.0	26.4	34.5
PAPA014	19-Apr-13	1	31.4	33.0	31.1	29.5	27.3	36.3
PAPA014	19-Apr-13	2	30.7	32.0	30.5	29.0	26.5	36.4
PAPA014	19-Apr-13	3	29.0	30.0	28.9	27.7	25.9	36.8
PAPA014	19-Apr-13	4	30.8	33.3	29.7	27.2	25.6	38.3
PAPA014	19-Apr-13	5	31.9	33.6	30.5	28.9	27.5	46.7
PAPA014	19-Apr-13	6	31.1	32.3	30.8	29.5	27.6	37.8
PAPA014	19-Apr-13	7	31.5	34.4	30.2	28.8	27.3	37.9
PAPA014	19-Apr-13	8	32.2	34.1	29.6	25.5	23.2	50.8
PAPA014	19-Apr-13	9	27.9	28.7	25.8	23.9	21.8	48.7
PAPA014	19-Apr-13	10	26.4	28.4	25.4	23.1	20.7	39.5
PAPA014	19-Apr-13	11	30.4	33.3	26.9	23.3	21.3	47.0
PAPA014	19-Apr-13	12	30.5	34.1	27.4	23.5	20.7	44.2
PAPA014	19-Apr-13	13	37.1	39.2	33.1	28.3	23.6	58.3
PAPA014	19-Apr-13	14	32.2	35.4	30.4	26.0	22.6	43.2
PAPA014	19-Apr-13	15	33.3	35.9	29.6	25.0	20.9	55.0
PAPA014	19-Apr-13	16	30.8	34.3	28.2	23.9	21.1	44.7

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA014	19-Apr-13	17	27.9	30.7	25.9	22.9	20.5	39.8
PAPA014	19-Apr-13	18	26.7	29.3	24.9	22.3	19.9	37.4
PAPA014	19-Apr-13	19	25.2	26.4	24.0	22.2	20.0	41.3
PAPA014	19-Apr-13	20	28.0	29.6	27.9	24.0	21.6	38.0
PAPA014	19-Apr-13	21	29.1	30.8	29.2	25.1	22.6	35.2
PAPA014	19-Apr-13	22	32.4	36.5	29.4	25.6	23.7	42.9
PAPA014	19-Apr-13	23	26.7	29.3	25.4	23.3	21.2	35.4
PAPA014	20-Apr-13	0	27.1	30.4	25.0	22.4	19.8	36.4
PAPA014	20-Apr-13	1	31.7	35.6	30.2	26.9	24.9	38.9
PAPA014	20-Apr-13	2	33.9	36.7	33.0	28.9	26.8	41.6
PAPA014	20-Apr-13	3	36.3	37.8	36.0	34.5	32.6	42.4
PAPA014	20-Apr-13	4	37.4	39.2	36.8	35.5	33.9	43.1
PAPA014	20-Apr-13	5	36.0	37.9	35.6	34.0	31.7	41.3
PAPA014	20-Apr-13	6	31.1	32.5	30.9	29.6	27.8	34.5
PAPA014	20-Apr-13	7	30.9	33.7	29.3	27.2	23.1	43.7
PAPA014	20-Apr-13	8	30.9	32.4	28.0	24.1	21.9	45.8
PAPA014	20-Apr-13	9	26.4	29.0	24.8	22.6	20.8	37.7
PAPA014	20-Apr-13	10	28.6	31.6	26.3	23.5	21.2	42.8
PAPA014	20-Apr-13	11	31.0	34.4	28.6	24.3	22.0	46.0
PAPA014	20-Apr-13	12	34.6	38.0	30.7	24.3	21.0	49.2
PAPA014	20-Apr-13	13	30.2	33.6	27.4	23.0	20.9	44.5
PAPA014	20-Apr-13	14	33.3	36.9	30.3	24.8	20.9	47.1
PAPA014	20-Apr-13	15	37.2	41.5	31.9	24.9	21.6	52.5
PAPA014	20-Apr-13	16	36.8	40.2	34.7	28.9	22.7	49.5
PAPA014	20-Apr-13	17	41.4	45.1	37.6	31.8	23.6	55.0
PAPA014	20-Apr-13	18	35.4	38.9	33.2	27.8	23.6	47.4
PAPA014	20-Apr-13	19	30.2	33.6	28.4	24.5	22.2	41.2
PAPA014	20-Apr-13	20	29.9	30.6	28.9	24.5	22.3	51.5
PAPA014	20-Apr-13	21	29.1	30.6	28.7	27.1	25.6	38.5
PAPA014	20-Apr-13	22	31.2	33.7	30.0	27.0	25.4	40.7
PAPA014	20-Apr-13	23	30.2	32.2	29.6	27.8	25.7	38.1
PAPA014	21-Apr-13	0	29.7	30.7	29.5	28.5	26.6	33.1
PAPA014	21-Apr-13	1	29.0	30.2	28.9	27.3	25.0	32.4
PAPA014	21-Apr-13	2	27.8	29.4	27.5	25.8	23.7	35.8
PAPA014	21-Apr-13	3	28.7	29.7	28.6	27.4	26.0	32.6
PAPA014	21-Apr-13	4	28.8	30.1	28.7	27.3	26.0	33.4
PAPA014	21-Apr-13	5	33.0	35.3	32.6	29.7	27.0	38.0
PAPA014	21-Apr-13	6	33.2	35.9	31.5	29.8	28.1	43.6
PAPA014	21-Apr-13	7	31.3	33.9	30.2	28.4	26.8	39.3
PAPA014	21-Apr-13	8	31.1	31.8	25.0	23.1	21.0	52.4
PAPA014	21-Apr-13	9	24.3	25.5	23.3	21.6	19.8	35.4
PAPA014	21-Apr-13	10	32.3	24.5	21.9	20.6	19.0	58.0
PAPA014	21-Apr-13	11	24.2	25.0	22.4	21.0	19.6	43.4
PAPA014	21-Apr-13	12	32.4	27.8	24.2	21.4	19.8	56.8
PAPA014	21-Apr-13	13	32.8	35.5	24.8	21.7	19.9	57.2
PAPA014	21-Apr-13	14	33.3	36.6	30.7	24.6	19.8	47.1

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA014	14-Apr-14	13	23.2	23.3	22.6	22.1	21.3	36.2
PAPA014	14-Apr-14	14	25.3	25.6	24.1	23.3	22.4	42.1
PAPA014	14-Apr-14	15	24.8	25.6	24.3	22.8	21.6	35.7
PAPA014	14-Apr-14	16	30.2	27.2	24.2	23.0	21.9	53.8
PAPA014	14-Apr-14	17	24.2	25.4	23.6	22.7	21.9	36.6
PAPA014	14-Apr-14	18	31.2	29.6	25.1	23.3	21.8	50.6
PAPA014	14-Apr-14	19	29.8	33.3	28.5	24.8	23.3	35.4
PAPA014	14-Apr-14	20	32.7	34.3	32.2	30.1	28.2	42.7
PAPA014	14-Apr-14	21	29.7	31.6	29.2	27.6	26.0	41.2
PAPA014	14-Apr-14	22	30.5	32.5	29.9	28.5	27.3	36.9
PAPA014	14-Apr-14	23	32.1	34.0	31.6	30.0	26.9	37.8
PAPA014	15-Apr-14	0	31.6	34.1	30.7	27.2	25.8	39.7
PAPA014	15-Apr-14	1	29.6	31.5	29.2	27.0	25.7	37.4
PAPA014	15-Apr-14	2	28.2	29.5	28.0	26.6	25.6	32.1
PAPA014	15-Apr-14	3	31.1	33.3	30.3	26.8	25.1	41.3
PAPA014	15-Apr-14	4	34.9	36.5	34.5	32.9	28.0	40.4
PAPA014	15-Apr-14	5	35.6	38.5	34.6	31.4	29.3	43.4
PAPA014	15-Apr-14	6	31.4	33.2	30.7	29.0	27.2	44.0
PAPA014	15-Apr-14	7	35.7	38.3	35.0	31.7	28.5	43.6
PAPA014	15-Apr-14	8	32.1	34.7	31.0	28.6	27.3	43.4
PAPA014	15-Apr-14	9	28.4	30.1	27.7	25.0	23.3	41.5
PAPA014	15-Apr-14	10	25.0	26.9	25.2	21.5	21.0	30.4
PAPA014	15-Apr-14	11	22.6	23.7	22.0	21.4	21.0	34.0
PAPA014	15-Apr-14	12	24.2	26.1	22.9	21.9	21.3	38.7
PAPA014	15-Apr-14	13	40.7	45.8	23.4	22.1	21.3	59.2
PAPA014	15-Apr-14	14	48.0	51.3	46.6	40.1	32.3	60.0
PAPA014	15-Apr-14	15	48.1	51.8	46.0	37.4	29.3	63.7
PAPA014	15-Apr-14	16	49.3	52.8	46.9	38.8	31.2	65.2
PAPA014	15-Apr-14	17	47.0	50.4	45.4	38.3	31.6	61.6
PAPA014	15-Apr-14	18	44.6	48.5	39.7	32.8	27.2	62.1
PAPA014	15-Apr-14	19	48.3	51.9	45.7	32.4	24.3	63.3
PAPA014	15-Apr-14	20	43.9	48.4	38.5	29.4	25.5	59.7
PAPA014	15-Apr-14	21	43.4	47.8	38.5	31.2	27.1	56.6
PAPA014	15-Apr-14	22	30.1	31.6	28.2	25.7	23.8	48.4
PAPA014	15-Apr-14	23	28.5	29.4	27.5	26.1	24.2	42.7
PAPA014	16-Apr-14	0	27.7	28.8	27.5	26.4	25.1	32.5
PAPA014	16-Apr-14	1	27.6	28.9	27.3	26.1	24.7	33.8
PAPA014	16-Apr-14	2	28.4	29.9	28.0	26.4	24.5	39.4
PAPA014	16-Apr-14	3	29.1	30.3	28.9	27.3	24.9	37.3
PAPA014	16-Apr-14	4	29.0	30.2	28.8	27.7	26.3	34.6
PAPA014	16-Apr-14	5	29.7	31.0	29.2	27.9	25.8	43.0
PAPA014	16-Apr-14	6	30.3	31.7	30.1	28.7	27.3	35.4
PAPA014	16-Apr-14	7	32.2	35.0	31.1	28.3	26.6	41.7
PAPA014	10-Apr-15	14	41.2	37.6	24.0	19.8	18.1	63.6
PAPA014	10-Apr-15	15	37.8	34.2	21.7	19.3	17.3	63.2
PAPA014	10-Apr-15	16	24.5	26.8	21.5	19.5	17.7	47.1

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA014	10-Apr-15	17	29.4	27.0	21.7	19.6	17.9	53.3
PAPA014	10-Apr-15	18	22.6	24.6	22.2	19.9	17.6	31.3
PAPA014	10-Apr-15	19	32.2	34.9	30.6	24.3	20.3	54.1
PAPA014	10-Apr-15	20	29.4	31.3	28.5	26.5	24.5	42.2
PAPA014	10-Apr-15	21	27.5	29.8	26.9	24.7	23.4	36.6
PAPA014	10-Apr-15	22	27.7	30.1	26.5	25.0	23.4	35.6
PAPA014	10-Apr-15	23	29.5	32.1	28.6	24.9	22.5	39.1
PAPA014	11-Apr-15	0	28.6	31.6	27.0	23.1	21.0	39.4
PAPA014	11-Apr-15	1	33.3	36.0	32.0	29.2	26.2	42.1
PAPA014	11-Apr-15	2	31.7	34.8	30.7	26.8	24.6	45.9
PAPA014	11-Apr-15	3	28.5	31.6	26.7	24.8	23.2	37.2
PAPA014	11-Apr-15	4	55.0	60.7	32.0	23.6	22.2	64.9
PAPA014	11-Apr-15	7	39.7	36.5	30.4	27.5	25.3	67.6
PAPA014	11-Apr-15	8	28.0	30.4	26.4	24.8	22.5	45.3
PAPA014	11-Apr-15	9	32.6	31.5	25.0	22.9	20.6	58.3
PAPA014	11-Apr-15	10	31.9	25.5	21.9	20.2	18.7	55.6
PAPA014	11-Apr-15	11	32.8	27.5	22.4	19.7	17.4	54.5
PAPA014	11-Apr-15	12	34.4	38.6	28.0	20.4	18.0	50.4
PAPA014	11-Apr-15	13	43.0	46.5	40.7	34.6	27.6	56.3
PAPA014	11-Apr-15	14	42.8	46.5	40.2	33.4	23.3	56.5
PAPA014	11-Apr-15	15	45.3	48.6	43.4	37.3	31.5	60.2
PAPA014	11-Apr-15	16	45.2	48.9	42.4	35.8	29.2	62.0
PAPA014	11-Apr-15	17	39.0	43.0	36.2	28.3	20.9	53.8
PAPA014	11-Apr-15	18	38.0	41.2	34.8	29.9	24.9	57.1
PAPA014	11-Apr-15	19	35.7	32.6	28.0	25.9	23.1	66.2
PAPA014	11-Apr-15	20	34.2	33.9	28.8	25.8	23.0	55.4
PAPA014	11-Apr-15	21	33.6	36.4	32.6	28.7	25.7	42.3
PAPA014	11-Apr-15	22	37.6	39.9	36.8	34.3	29.2	46.3
PAPA014	11-Apr-15	23	33.6	37.6	27.9	22.5	20.7	47.1
PAPA014	12-Apr-15	0	28.4	27.4	24.3	22.6	21.1	54.2
PAPA014	12-Apr-15	1	21.0	23.0	20.2	18.3	17.0	34.1
PAPA014	12-Apr-15	2	25.4	27.2	24.4	22.4	20.2	43.0
PAPA014	12-Apr-15	3	25.6	28.5	23.8	21.8	19.7	37.7
PAPA014	12-Apr-15	4	30.1	33.7	24.6	22.2	20.4	51.8
PAPA014	12-Apr-15	7	25.0	26.6	24.4	22.4	19.8	37.5
PAPA014	12-Apr-15	8	26.0	28.2	22.7	20.9	18.6	51.0
PAPA014	12-Apr-15	9	31.0	32.5	26.9	23.2	20.6	50.5
PAPA014	12-Apr-15	10	41.6	27.6	23.0	21.0	19.3	64.6
PAPA014	12-Apr-15	11	26.6	27.6	23.2	21.2	19.1	47.9
PAPA014	12-Apr-15	12	29.5	32.9	24.8	20.9	19.0	44.6
PAPA014	12-Apr-15	13	29.1	32.4	25.6	21.7	19.7	44.8
PAPA014	12-Apr-15	14	33.8	36.4	27.8	22.8	19.6	57.5
PAPA014	12-Apr-15	15	32.9	36.1	29.6	24.5	20.1	56.7
PAPA014	12-Apr-15	16	35.7	36.6	28.5	23.2	20.4	61.0
PAPA014	12-Apr-15	17	33.5	37.0	30.2	24.3	21.0	51.2
PAPA014	12-Apr-15	18	33.1	36.8	29.5	24.9	21.9	47.8

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA014	12-Apr-15	19	26.7	28.5	25.4	23.6	21.2	42.6
PAPA014	12-Apr-15	20	32.0	33.2	30.3	26.0	24.3	51.0
PAPA014	12-Apr-15	21	30.9	32.9	30.4	28.4	26.2	36.7
PAPA014	12-Apr-15	22	33.7	35.6	33.1	31.1	28.1	43.5
PAPA014	12-Apr-15	23	31.5	33.5	30.9	28.4	26.0	39.9
PAPA014	13-Apr-15	0	27.5	28.9	26.9	25.7	24.0	37.2
PAPA014	13-Apr-15	1	27.5	29.1	27.2	25.4	23.2	32.4
PAPA014	13-Apr-15	2	33.5	35.9	32.7	29.8	26.6	42.3
PAPA014	13-Apr-15	3	32.4	35.7	30.1	27.2	25.3	43.8
PAPA014	13-Apr-15	4	54.2	60.2	29.2	26.4	25.0	64.4
PAPA014	13-Apr-15	7	33.0	33.4	29.9	27.5	25.0	48.1
PAPA014	13-Apr-15	8	32.7	31.3	27.6	24.7	21.1	63.5
PAPA014	13-Apr-15	9	41.3	29.6	23.7	20.2	18.5	63.8
PAPA014	13-Apr-15	10	21.1	22.6	20.5	19.3	18.2	31.1
PAPA014	13-Apr-15	11	23.9	23.6	20.1	18.7	17.5	52.7
PAPA015	21-Apr-13	12	23.9	24.8	19.0	17.2	16.1	49.3
PAPA015	21-Apr-13	13	29.6	31.3	21.4	16.8	15.9	51.9
PAPA015	21-Apr-13	14	32.2	34.9	25.0	17.8	16.1	53.6
PAPA015	21-Apr-13	15	32.4	35.5	26.7	19.6	16.2	51.9
PAPA015	21-Apr-13	16	32.3	36.0	27.7	20.5	16.2	49.3
PAPA015	21-Apr-13	17	36.4	40.3	31.4	21.5	15.9	52.2
PAPA015	21-Apr-13	18	36.2	40.4	28.9	18.7	15.7	55.6
PAPA015	21-Apr-13	19	27.5	31.5	21.5	16.8	15.3	44.7
PAPA015	21-Apr-13	20	26.5	30.3	21.7	17.1	14.7	41.4
PAPA015	21-Apr-13	21	18.9	19.2	15.2	14.4	14.1	38.4
PAPA015	21-Apr-13	22	19.6	19.2	15.9	14.7	14.1	38.5
PAPA015	21-Apr-13	23	21.5	17.5	15.5	14.7	14.2	41.7
PAPA015	22-Apr-13	0	14.7	15.3	14.7	14.1	13.9	21.9
PAPA015	22-Apr-13	1	24.7	27.3	17.0	15.6	14.4	44.1
PAPA015	22-Apr-13	2	26.3	29.6	17.2	14.7	14.4	48.6
PAPA015	22-Apr-13	3	23.4	26.9	21.2	16.2	15.4	35.5
PAPA015	22-Apr-13	4	24.5	26.2	24.0	21.6	17.6	42.2
PAPA015	22-Apr-13	5	24.4	27.0	22.8	20.0	17.0	36.8
PAPA015	22-Apr-13	6	19.7	22.4	18.0	16.2	15.0	34.6
PAPA015	22-Apr-13	7	24.0	22.6	17.3	14.9	14.6	46.6
PAPA015	22-Apr-13	8	29.6	33.3	24.3	18.5	15.8	47.1
PAPA015	22-Apr-13	9	25.5	29.3	20.5	16.6	15.1	40.3
PAPA015	22-Apr-13	10	22.2	24.8	18.3	16.1	15.4	43.1
PAPA015	22-Apr-13	11	38.4	43.5	31.1	23.0	18.4	50.9
PAPA015	22-Apr-13	12	31.4	34.7	28.8	24.2	20.1	44.5
PAPA015	22-Apr-13	13	30.3	33.7	27.7	23.6	20.3	43.7
PAPA015	22-Apr-13	14	29.3	32.8	27.1	22.3	18.2	41.7
PAPA015	22-Apr-13	15	30.2	33.6	27.0	21.7	17.6	46.2
PAPA015	22-Apr-13	16	24.3	28.1	21.3	17.6	15.6	36.4
PAPA015	22-Apr-13	17	28.4	27.2	17.2	15.7	15.0	49.9
PAPA015	22-Apr-13	18	18.5	20.3	16.5	15.5	15.0	33.3

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA015	22-Apr-13	19	19.6	20.8	18.8	16.7	16.0	34.7
PAPA015	22-Apr-13	20	23.6	23.0	17.2	15.5	15.0	42.0
PAPA015	22-Apr-13	21	19.5	21.3	15.2	14.4	14.1	35.7
PAPA015	22-Apr-13	22	21.3	19.8	15.8	15.1	14.4	41.4
PAPA015	22-Apr-13	23	17.3	16.5	15.4	14.9	14.6	32.7
PAPA015	23-Apr-13	0	23.8	19.1	15.9	15.0	14.6	44.6
PAPA015	23-Apr-13	1	18.9	17.3	15.8	15.0	14.5	36.5
PAPA015	23-Apr-13	2	16.6	17.9	16.1	15.1	13.9	26.3
PAPA015	23-Apr-13	3	14.7	15.7	14.5	14.0	13.8	20.2
PAPA015	23-Apr-13	4	28.0	18.9	14.2	13.9	13.8	50.0
PAPA015	23-Apr-13	5	15.9	17.3	15.0	14.3	13.9	27.2
PAPA015	23-Apr-13	6	15.2	15.8	14.5	14.1	13.8	33.7
PAPA015	23-Apr-13	7	17.0	18.7	15.4	14.5	14.0	30.7
PAPA015	23-Apr-13	8	17.2	18.1	16.1	15.5	14.9	30.8
PAPA015	23-Apr-13	9	18.4	20.3	17.0	16.0	15.4	33.6
PAPA015	23-Apr-13	10	24.7	28.9	16.4	15.3	14.9	45.1
PAPA015	23-Apr-13	11	19.5	21.8	17.5	16.0	15.3	36.6
PAPA015	23-Apr-13	12	29.4	20.9	17.8	15.4	14.9	49.9
PAPA015	10-Apr-14	12	32.1	36.0	27.4	19.4	15.9	50.0
PAPA015	10-Apr-14	13	32.6	36.5	27.1	20.1	15.2	51.1
PAPA015	10-Apr-14	14	31.8	35.9	26.8	20.3	16.2	49.2
PAPA015	10-Apr-14	15	34.4	37.9	30.1	20.0	15.6	53.5
PAPA015	10-Apr-14	16	36.2	39.7	32.8	26.0	19.8	54.2
PAPA015	10-Apr-14	17	31.5	35.3	26.9	20.6	16.4	47.0
PAPA015	10-Apr-14	18	30.1	33.6	26.8	21.4	16.5	47.0
PAPA015	10-Apr-14	19	21.6	24.6	15.8	14.2	13.8	42.7
PAPA015	10-Apr-14	20	16.4	16.7	14.5	14.1	13.8	40.8
PAPA015	10-Apr-14	21	20.7	15.6	14.1	13.8	13.6	42.7
PAPA015	10-Apr-14	22	28.2	21.5	15.6	13.9	13.7	52.3
PAPA015	10-Apr-14	23	20.6	22.0	20.5	18.8	17.1	29.0
PAPA015	11-Apr-14	0	20.5	21.9	20.2	18.6	17.1	24.2
PAPA015	11-Apr-14	1	20.9	22.8	20.4	18.3	16.8	25.3
PAPA015	11-Apr-14	2	18.1	19.9	18.0	15.2	14.4	21.5
PAPA015	11-Apr-14	3	17.8	19.5	17.4	15.8	15.0	22.8
PAPA015	11-Apr-14	4	18.2	19.5	18.0	16.7	15.7	24.4
PAPA015	11-Apr-14	5	20.4	21.9	19.5	18.2	16.7	39.0
PAPA015	11-Apr-14	6	36.2	26.9	21.4	19.1	17.5	59.8
PAPA015	11-Apr-14	7	24.1	26.6	21.3	19.4	17.7	38.3
PAPA015	11-Apr-14	8	24.0	27.0	20.2	18.2	16.7	37.7
PAPA015	11-Apr-14	9	32.8	32.2	22.1	18.7	17.1	56.2
PAPA015	11-Apr-14	10	20.2	21.4	17.7	16.2	15.5	39.8
PAPA015	11-Apr-14	11	33.3	23.4	17.2	15.9	15.1	62.0
PAPA015	11-Apr-14	12	34.9	30.8	20.0	15.9	15.2	59.0
PAPA015	11-Apr-14	13	30.8	34.2	24.8	17.6	15.5	50.0
PAPA015	11-Apr-14	14	33.3	36.8	27.9	19.4	15.9	51.9
PAPA015	11-Apr-14	15	36.7	40.0	32.4	25.0	18.0	56.4

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA015	11-Apr-14	16	37.6	41.3	33.6	27.6	20.5	51.5
PAPA015	11-Apr-14	17	37.4	41.0	34.8	28.6	22.5	49.9
PAPA015	11-Apr-14	18	35.2	38.7	32.8	26.7	19.2	46.9
PAPA015	11-Apr-14	19	33.1	34.5	22.5	14.6	13.8	57.5
PAPA015	11-Apr-14	20	14.8	15.3	14.5	13.9	13.7	24.0
PAPA015	11-Apr-14	21	18.2	15.9	14.7	13.9	13.6	38.4
PAPA015	11-Apr-14	22	16.7	17.5	14.1	13.8	13.5	39.6
PAPA015	11-Apr-14	23	15.2	15.7	14.1	13.8	13.6	33.8
PAPA015	12-Apr-14	0	15.7	16.5	14.2	13.8	13.5	38.0
PAPA015	12-Apr-14	1	21.7	17.8	14.5	13.8	13.6	42.4
PAPA015	12-Apr-14	2	18.6	15.2	13.9	13.7	13.5	40.8
PAPA015	12-Apr-14	3	17.1	17.7	16.5	14.5	13.7	37.5
PAPA015	12-Apr-14	4	18.5	19.4	18.3	17.2	16.2	24.8
PAPA015	12-Apr-14	5	21.9	23.4	19.2	17.2	15.8	41.8
PAPA015	12-Apr-14	6	25.1	26.6	20.9	18.3	16.2	46.8
PAPA015	12-Apr-14	7	24.4	28.9	18.9	16.9	15.3	37.4
PAPA015	11-Apr-15	12	33.2	37.5	26.8	18.2	16.2	47.2
PAPA015	11-Apr-15	13	39.9	43.9	36.5	28.2	18.4	53.4
PAPA015	11-Apr-15	14	38.2	41.9	33.4	26.0	19.6	54.7
PAPA015	11-Apr-15	15	40.4	44.3	36.7	28.4	21.7	53.5
PAPA015	11-Apr-15	16	41.1	45.1	37.3	29.2	20.9	57.8
PAPA015	11-Apr-15	17	44.7	48.4	40.9	32.4	22.7	60.1
PAPA015	11-Apr-15	18	37.2	40.8	32.5	24.8	19.4	55.0
PAPA015	11-Apr-15	19	28.8	32.0	25.8	20.8	17.4	43.7
PAPA015	11-Apr-15	20	27.6	31.9	22.1	17.2	16.1	44.5
PAPA015	11-Apr-15	21	20.5	23.0	18.0	16.1	15.4	38.1
PAPA015	11-Apr-15	22	16.7	17.4	16.0	15.5	15.2	32.7
PAPA015	11-Apr-15	23	20.6	18.5	16.3	15.6	15.2	39.4
PAPA015	12-Apr-15	0	16.5	17.2	15.6	15.0	14.8	31.3
PAPA015	12-Apr-15	1	16.6	18.0	15.7	15.1	14.8	28.6
PAPA015	12-Apr-15	2	16.7	17.7	16.0	15.1	14.9	28.6
PAPA015	12-Apr-15	3	21.7	24.7	16.3	15.0	14.8	37.7
PAPA015	12-Apr-15	4	26.6	29.4	18.8	15.7	14.9	43.4
PAPA015	12-Apr-15	5	28.0	31.7	23.0	17.5	14.9	43.7
PAPA015	12-Apr-15	6	22.1	25.4	19.1	15.3	14.9	37.5
PAPA015	12-Apr-15	7	29.2	23.2	17.3	15.7	15.2	59.7
PAPA015	12-Apr-15	8	27.8	29.5	22.4	18.1	16.2	51.7
PAPA015	12-Apr-15	9	41.0	35.3	27.1	20.9	17.5	70.4
PAPA015	12-Apr-15	10	27.4	30.8	22.4	17.5	16.0	44.0
PAPA015	12-Apr-15	11	26.6	28.1	19.4	17.0	16.2	52.1
PAPA015	12-Apr-15	12	35.2	31.7	21.5	17.1	16.4	58.3
PAPA015	12-Apr-15	13	29.0	32.5	22.5	16.9	16.2	48.8
PAPA015	12-Apr-15	14	32.6	35.6	26.3	19.6	16.8	49.9
PAPA015	12-Apr-15	15	32.9	36.5	28.6	21.4	17.2	50.8
PAPA015	12-Apr-15	16	32.9	36.7	28.0	20.3	16.9	51.0
PAPA015	12-Apr-15	17	31.8	35.9	27.1	19.7	15.9	46.4

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA015	12-Apr-15	18	29.4	32.8	24.4	18.6	16.0	52.7
PAPA015	12-Apr-15	19	21.3	24.2	18.4	16.1	15.4	36.7
PAPA015	12-Apr-15	20	22.5	25.8	18.7	16.0	15.2	37.8
PAPA015	12-Apr-15	21	20.0	22.3	17.0	15.5	15.0	36.0
PAPA015	12-Apr-15	22	15.5	16.1	15.1	14.9	14.7	28.4
PAPA015	12-Apr-15	23	20.3	19.8	14.9	14.8	14.6	37.7
PAPA015	13-Apr-15	0	14.9	15.1	14.9	14.8	14.7	19.5
PAPA015	13-Apr-15	1	15.1	15.4	14.9	14.8	14.6	21.2
PAPA015	13-Apr-15	2	15.5	16.0	15.3	15.1	14.9	20.8
PAPA015	13-Apr-15	3	15.7	16.4	15.5	15.2	15.0	21.6
PAPA015	13-Apr-15	4	19.3	21.6	18.6	15.9	15.3	29.8
PAPA015	13-Apr-15	5	26.5	26.2	21.9	17.7	16.0	47.4
PAPA015	13-Apr-15	6	28.1	26.3	22.9	20.3	16.9	47.6
PAPA015	13-Apr-15	7	28.8	25.0	23.3	22.1	20.7	59.5
PAPA015	13-Apr-15	8	32.3	29.1	24.9	21.1	17.5	54.1
PAPA015	13-Apr-15	9	24.0	21.9	19.1	16.9	15.8	46.3
PAPA015	13-Apr-15	10	22.0	24.2	20.9	19.1	17.7	37.9
PAPA015	13-Apr-15	11	20.8	22.6	18.1	16.5	15.9	40.7
PAPA015	13-Apr-15	12	21.1	24.1	17.6	16.3	15.9	37.1
PAPA015	13-Apr-15	13	25.1	27.4	19.0	16.8	16.3	41.6
PAPA016	15-Apr-13	11	25.1	24.1	16.2	15.5	15.2	43.5
PAPA016	15-Apr-13	12	27.6	29.9	21.7	16.6	15.7	45.1
PAPA016	15-Apr-13	13	32.2	35.6	21.1	16.4	15.5	54.7
PAPA016	15-Apr-13	14	29.7	33.3	26.8	20.5	16.3	43.4
PAPA016	15-Apr-13	15	29.8	33.5	26.9	20.2	16.4	42.2
PAPA016	15-Apr-13	16	32.8	36.9	29.0	21.4	17.3	46.1
PAPA016	15-Apr-13	17	34.3	37.1	29.0	20.8	16.4	53.6
PAPA016	15-Apr-13	18	33.2	37.4	29.3	18.9	16.1	48.9
PAPA016	15-Apr-13	19	34.1	37.9	29.6	23.2	18.2	48.9
PAPA016	15-Apr-13	20	26.0	29.3	23.7	20.5	18.8	40.6
PAPA016	15-Apr-13	21	28.7	31.8	26.1	23.7	21.4	42.3
PAPA016	15-Apr-13	22	25.7	29.3	22.4	19.0	17.1	38.5
PAPA016	15-Apr-13	23	26.4	29.9	22.6	19.4	17.5	40.4
PAPA016	16-Apr-13	0	18.7	20.5	18.0	16.7	15.7	27.0
PAPA016	16-Apr-13	1	32.3	22.5	20.4	18.5	17.2	57.3
PAPA016	16-Apr-13	2	23.7	25.7	23.3	20.3	18.6	31.6
PAPA016	16-Apr-13	3	26.5	28.5	25.9	23.9	22.0	35.1
PAPA016	16-Apr-13	4	29.4	31.6	28.6	26.8	24.2	38.1
PAPA016	16-Apr-13	5	27.6	29.8	26.4	24.8	22.4	41.4
PAPA016	16-Apr-13	6	25.8	27.0	25.3	23.8	22.0	45.3
PAPA016	16-Apr-13	7	24.0	25.4	23.7	22.0	20.0	34.2
PAPA016	16-Apr-13	8	27.2	28.4	25.5	24.2	22.3	41.6
PAPA016	16-Apr-13	9	27.8	29.5	26.1	24.3	22.1	41.8
PAPA016	16-Apr-13	10	27.5	29.7	26.5	24.4	22.0	39.4
PAPA016	16-Apr-13	11	22.9	24.8	22.5	19.6	17.5	30.5
PAPA016	16-Apr-13	12	24.1	26.0	17.5	16.0	15.4	43.9

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA016	16-Apr-13	13	23.0	24.2	17.1	15.9	15.3	43.6
PAPA016	16-Apr-13	14	21.9	22.6	17.7	16.8	16.0	42.0
PAPA016	16-Apr-13	15	25.3	29.2	20.8	17.6	16.0	39.1
PAPA016	16-Apr-13	16	25.1	28.4	21.9	17.9	16.5	39.7
PAPA016	16-Apr-13	17	22.6	24.7	18.1	16.3	15.7	44.7
PAPA016	16-Apr-13	18	20.8	20.7	16.0	15.3	14.9	41.2
PAPA016	16-Apr-13	19	21.1	22.5	16.2	15.2	14.8	40.0
PAPA016	16-Apr-13	20	18.2	19.5	15.7	14.8	14.5	39.3
PAPA016	16-Apr-13	21	18.3	20.2	15.1	14.5	14.3	33.6
PAPA016	16-Apr-13	22	17.9	20.0	16.6	15.2	14.7	27.9
PAPA016	16-Apr-13	23	20.1	22.5	17.9	15.3	14.7	33.8
PAPA016	17-Apr-13	0	21.4	23.8	20.0	18.5	17.2	32.7
PAPA016	17-Apr-13	1	22.1	24.5	20.5	18.4	16.6	34.0
PAPA016	17-Apr-13	2	17.4	18.8	17.1	15.5	14.9	22.9
PAPA016	17-Apr-13	3	24.6	16.6	15.1	14.7	14.4	45.3
PAPA016	17-Apr-13	4	17.8	15.1	14.6	14.4	14.3	35.4
PAPA016	17-Apr-13	5	17.6	19.8	16.2	14.7	14.3	38.2
PAPA016	17-Apr-13	6	24.0	24.8	20.1	17.7	15.7	44.2
PAPA016	17-Apr-13	7	26.9	29.7	25.3	21.7	18.6	41.1
PAPA016	17-Apr-13	8	32.4	35.8	30.5	24.6	20.3	43.3
PAPA016	24-Apr-14	19	21.5	20.6	16.6	15.8	15.3	42.5
PAPA016	24-Apr-14	20	21.7	22.1	17.5	15.5	15.2	40.7
PAPA016	24-Apr-14	21	25.4	23.3	16.7	15.5	14.9	48.8
PAPA016	24-Apr-14	22	19.0	18.9	16.8	16.1	15.6	34.4
PAPA016	24-Apr-14	23	17.8	19.2	17.3	15.8	15.5	30.7
PAPA016	25-Apr-14	0	17.3	18.4	16.9	16.0	15.4	32.9
PAPA016	25-Apr-14	1	19.8	21.3	18.1	16.5	15.5	32.1
PAPA016	25-Apr-14	2	19.9	20.9	19.3	17.9	16.7	43.6
PAPA016	25-Apr-14	3	18.6	19.6	18.4	17.5	16.8	27.1
PAPA016	25-Apr-14	4	18.8	20.4	18.6	16.3	15.1	32.1
PAPA016	25-Apr-14	5	20.1	19.4	17.2	15.8	15.2	41.3
PAPA016	25-Apr-14	6	23.1	25.3	22.3	19.7	18.4	29.6
PAPA016	25-Apr-14	7	30.1	27.2	25.1	23.2	21.8	52.2
PAPA016	25-Apr-14	8	30.6	33.8	29.2	25.6	23.0	43.4
PAPA016	25-Apr-14	9	31.1	34.1	29.5	25.2	22.1	41.9
PAPA016	25-Apr-14	10	26.6	27.7	24.9	21.9	19.6	45.6
PAPA016	25-Apr-14	11	22.3	24.1	19.7	18.6	17.5	38.2
PAPA016	25-Apr-14	12	24.9	27.9	19.9	17.8	17.0	45.2
PAPA016	25-Apr-14	13	25.1	27.8	19.0	17.1	16.4	41.1
PAPA016	25-Apr-14	14	25.0	27.4	20.2	18.2	16.4	43.8
PAPA016	25-Apr-14	15	28.1	29.4	19.8	17.5	16.7	47.4
PAPA016	25-Apr-14	16	27.4	30.5	21.9	16.9	15.6	48.3
PAPA016	25-Apr-14	17	24.6	27.2	19.3	15.8	15.4	40.6
PAPA016	25-Apr-14	18	26.1	25.7	21.2	17.8	16.9	46.6
PAPA016	25-Apr-14	19	24.9	27.4	23.1	19.4	17.8	41.7
PAPA016	25-Apr-14	20	25.0	26.7	24.0	21.7	19.8	38.2

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA016	25-Apr-14	21	21.4	24.5	19.3	16.5	15.7	35.6
PAPA016	25-Apr-14	22	27.4	31.5	22.8	17.5	16.6	42.8
PAPA016	25-Apr-14	23	32.8	36.5	30.0	25.1	21.8	46.0
PAPA016	26-Apr-14	0	36.8	40.2	34.7	29.8	24.7	49.0
PAPA016	26-Apr-14	1	31.7	35.0	29.1	23.7	19.9	50.2
PAPA016	26-Apr-14	2	25.3	28.1	22.2	19.8	17.9	44.4
PAPA016	26-Apr-14	3	22.0	24.3	19.8	17.9	16.5	38.3
PAPA016	26-Apr-14	4	22.9	25.3	21.6	18.7	16.8	35.8
PAPA016	26-Apr-14	5	26.4	26.5	22.2	20.5	18.8	43.4
PAPA016	26-Apr-14	6	23.7	24.0	21.0	19.0	17.4	46.7
PAPA016	26-Apr-14	7	24.3	27.3	21.6	19.6	17.8	45.1
PAPA016	26-Apr-14	8	27.6	29.6	22.9	20.6	18.4	45.2
PAPA016	26-Apr-14	9	26.5	28.5	24.8	22.2	19.1	40.5
PAPA016	26-Apr-14	10	39.6	43.7	36.3	20.6	17.5	53.5
PAPA016	26-Apr-14	11	33.3	36.9	30.0	23.5	19.7	48.5
PAPA016	26-Apr-14	12	25.6	27.3	21.3	18.9	17.9	44.4
PAPA016	26-Apr-14	13	65.0	60.0	27.7	18.4	16.5	91.5
PAPA016	26-Apr-14	14	51.8	39.6	27.9	24.8	21.4	81.5
PAPA016	26-Apr-14	15	28.7	29.2	26.4	24.7	23.0	55.0
PAPA016	26-Apr-14	16	41.6	35.9	27.9	24.2	19.9	73.2
PAPA016	26-Apr-14	17	62.6	44.1	26.6	21.6	18.6	92.8
PAPA016	26-Apr-14	18	24.5	27.7	21.1	17.8	16.2	40.3
PAPA016	26-Apr-14	19	26.0	28.7	24.0	19.6	16.6	38.1
PAPA016	26-Apr-14	20	32.9	27.4	20.6	17.1	15.8	57.2
PAPA016	26-Apr-14	21	21.8	23.6	18.2	16.4	15.1	37.1
PAPA016	26-Apr-14	22	21.9	23.9	18.2	16.0	15.3	36.6
PAPA016	26-Apr-14	23	17.6	19.4	16.0	15.1	14.8	30.6
PAPA016	27-Apr-14	0	19.6	15.7	15.0	14.8	14.7	40.7
PAPA016	27-Apr-14	1	23.3	27.0	19.9	16.4	15.2	35.6
PAPA016	27-Apr-14	2	21.7	24.2	20.6	17.6	16.0	32.8
PAPA016	27-Apr-14	3	19.2	21.5	18.3	16.0	15.1	30.2
PAPA016	27-Apr-14	4	18.0	19.6	17.3	16.2	15.5	28.0
PAPA016	27-Apr-14	6	18.8	20.6	17.6	16.1	15.3	33.3
PAPA016	27-Apr-14	7	18.1	19.6	17.5	16.4	15.6	30.6
PAPA016	27-Apr-14	8	21.9	23.2	18.6	17.2	16.0	45.9
PAPA016	27-Apr-14	9	26.4	28.3	21.9	18.7	16.2	43.4
PAPA016	27-Apr-14	10	27.3	30.0	23.8	20.1	18.0	43.7
PAPA016	27-Apr-14	11	39.9	43.2	36.6	30.4	24.9	53.6
PAPA016	27-Apr-14	12	40.9	43.8	38.4	33.1	28.0	57.5
PAPA016	27-Apr-14	13	42.7	46.2	40.6	34.7	28.2	55.6
PAPA016	27-Apr-14	14	41.7	45.1	39.4	33.0	27.5	53.9
PAPA016	27-Apr-14	15	43.5	46.9	41.5	36.2	29.5	55.7
PAPA016	27-Apr-14	16	40.4	43.9	38.0	31.8	25.2	51.8
PAPA016	27-Apr-14	17	39.5	40.0	33.0	26.9	20.1	59.3
PAPA016	27-Apr-14	18	32.9	36.6	30.2	24.2	18.8	44.8
PAPA016	27-Apr-14	19	25.3	28.1	21.5	17.5	15.6	45.7

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA016	27-Apr-14	20	25.8	28.3	19.7	15.7	15.1	44.7
PAPA016	27-Apr-14	21	26.9	27.8	20.9	15.6	14.9	49.2
PAPA016	27-Apr-14	22	24.9	23.4	17.2	15.4	14.8	46.1
PAPA016	27-Apr-14	23	21.3	20.6	16.2	15.2	14.8	40.0
PAPA016	28-Apr-14	0	20.5	22.8	18.5	16.3	14.9	35.5
PAPA016	28-Apr-14	1	22.3	25.4	19.5	16.5	15.6	37.6
PAPA016	28-Apr-14	2	19.2	21.3	17.8	16.3	15.2	31.5
PAPA016	28-Apr-14	3	20.3	22.8	18.0	15.7	15.1	35.8
PAPA016	28-Apr-14	4	20.9	23.3	18.8	16.5	15.4	35.3
PAPA016	28-Apr-14	5	28.9	32.5	25.5	18.8	15.8	43.2
PAPA016	28-Apr-14	6	28.1	31.8	25.2	20.7	17.6	40.7
PAPA016	28-Apr-14	7	30.9	34.2	28.3	23.0	18.3	47.1
PAPA016	28-Apr-14	8	35.3	38.8	33.2	27.9	22.1	47.5
PAPA016	28-Apr-14	9	43.2	46.3	41.4	36.1	28.3	55.7
PAPA016	28-Apr-14	10	44.2	47.5	42.3	37.2	31.0	55.4
PAPA016	28-Apr-14	11	44.3	47.8	42.4	37.2	30.6	55.5
PAPA016	28-Apr-14	12	44.2	47.7	42.3	36.5	29.5	55.8
PAPA016	28-Apr-14	13	44.6	48.3	42.3	35.4	26.5	56.8
PAPA016	28-Apr-14	14	42.9	46.7	38.8	30.5	23.5	57.2
PAPA016	28-Apr-14	15	43.5	47.0	41.7	34.5	24.4	54.2
PAPA016	28-Apr-14	16	44.9	48.7	42.4	35.2	25.8	57.7
PAPA016	28-Apr-14	17	43.9	47.3	42.0	36.6	29.8	55.2
PAPA016	28-Apr-14	18	45.4	48.7	43.9	38.9	33.2	56.6
PAPA016	28-Apr-14	19	40.6	43.9	38.8	33.6	27.2	52.5
PAPA016	28-Apr-14	20	31.6	35.4	24.5	20.0	17.4	49.8
PAPA016	28-Apr-14	21	26.3	29.9	23.4	19.4	17.3	40.9
PAPA016	28-Apr-14	22	28.0	31.0	25.0	20.8	17.1	41.5
PAPA016	28-Apr-14	23	25.7	28.8	23.4	20.5	18.6	38.7
PAPA016	29-Apr-14	0	28.2	25.1	21.2	19.6	17.7	49.7
PAPA016	29-Apr-14	1	29.4	32.3	27.6	24.0	20.0	44.9
PAPA016	29-Apr-14	2	28.5	31.3	26.7	24.0	20.7	40.0
PAPA016	29-Apr-14	3	26.6	28.9	24.6	22.4	20.2	42.5
PAPA016	29-Apr-14	4	26.1	27.7	22.9	20.6	18.4	41.4
PAPA016	29-Apr-14	5	29.9	33.3	27.5	24.2	21.6	41.3
PAPA016	29-Apr-14	6	31.5	33.0	27.4	24.3	21.4	49.8
PAPA016	29-Apr-14	7	42.6	40.2	33.9	27.8	23.2	70.5
PAPA016	03-Apr-15	10	36.5	32.0	21.1	16.0	15.2	60.2
PAPA016	03-Apr-15	11	32.0	30.4	21.7	17.1	15.9	54.0
PAPA016	03-Apr-15	12	29.4	31.4	21.5	16.8	15.7	52.7
PAPA016	03-Apr-15	13	27.7	29.9	18.8	16.3	15.6	50.3
PAPA016	03-Apr-15	14	24.4	27.2	18.6	16.3	15.5	43.1
PAPA016	03-Apr-15	15	26.2	29.0	19.4	16.5	15.8	45.9
PAPA016	03-Apr-15	16	26.2	29.4	18.0	16.0	15.4	42.3
PAPA016	03-Apr-15	17	24.5	23.2	16.8	15.7	15.3	44.4
PAPA016	03-Apr-15	18	24.8	26.8	16.4	15.4	15.0	42.4
PAPA016	03-Apr-15	19	20.8	24.5	17.7	15.3	14.8	32.0

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA016	03-Apr-15	20	26.1	30.2	22.5	16.2	14.5	41.2
PAPA016	03-Apr-15	21	19.1	21.6	16.0	14.7	14.3	33.2
PAPA016	03-Apr-15	22	19.6	21.4	15.4	14.5	14.2	34.6
PAPA016	03-Apr-15	23	18.7	21.7	15.3	14.3	14.1	32.2
PAPA016	04-Apr-15	0	17.4	20.3	15.2	14.3	14.1	34.2
PAPA016	04-Apr-15	1	19.2	21.8	16.0	15.0	14.2	36.8
PAPA016	04-Apr-15	2	17.4	18.3	16.7	15.7	14.9	36.9
PAPA016	04-Apr-15	3	16.9	18.5	16.2	15.2	14.7	28.1
PAPA016	04-Apr-15	4	21.6	24.9	18.8	16.3	15.4	38.7
PAPA016	04-Apr-15	5	20.7	23.8	18.8	17.6	16.7	33.4
PAPA016	04-Apr-15	6	30.5	33.6	29.7	23.4	18.4	37.8
PAPA016	04-Apr-15	7	29.8	32.0	27.3	21.0	17.4	49.8
PAPA016	04-Apr-15	8	28.4	29.0	22.9	19.7	17.2	50.9
PAPA016	04-Apr-15	9	23.5	24.9	19.9	18.4	17.0	39.2
PAPA016	04-Apr-15	10	34.1	27.1	18.6	16.6	15.7	60.1
PAPA016	04-Apr-15	11	33.0	28.7	21.2	17.5	16.2	57.5
PAPA016	04-Apr-15	12	26.5	27.4	20.9	17.7	16.4	47.7
PAPA016	04-Apr-15	13	30.4	28.5	17.9	16.6	15.7	61.6
PAPA016	04-Apr-15	14	25.5	29.0	18.9	16.4	15.7	41.3
PAPA016	04-Apr-15	15	42.0	46.0	35.1	18.9	16.4	61.9
PAPA016	04-Apr-15	16	42.9	46.1	38.5	30.6	22.7	60.1
PAPA016	04-Apr-15	17	44.9	48.5	42.2	35.3	25.6	57.2
PAPA016	04-Apr-15	18	38.1	39.6	31.3	21.9	15.2	63.8
PAPA016	04-Apr-15	19	20.8	24.3	16.8	15.4	14.6	36.0
PAPA016	04-Apr-15	20	27.1	30.9	20.1	15.2	14.6	44.6
PAPA016	04-Apr-15	21	22.2	24.2	15.2	14.4	14.3	36.5
PAPA016	04-Apr-15	22	23.2	18.7	15.1	14.4	14.2	45.8
PAPA016	04-Apr-15	23	17.2	17.6	15.6	14.4	14.2	32.8
PAPA016	05-Apr-15	0	26.1	30.4	23.2	17.6	15.2	38.7
PAPA016	05-Apr-15	1	18.8	21.1	16.7	15.7	15.2	40.4
PAPA016	05-Apr-15	2	20.3	21.8	19.8	18.3	17.1	27.9
PAPA016	05-Apr-15	3	26.0	28.7	24.9	21.8	19.1	33.9
PAPA016	05-Apr-15	4	24.2	26.6	22.7	21.1	19.7	35.4
PAPA016	05-Apr-15	5	27.5	30.8	25.9	21.9	19.8	37.1
PAPA016	05-Apr-15	6	31.5	34.3	30.4	24.9	21.4	51.4
PAPA016	05-Apr-15	7	31.2	34.5	29.3	25.7	23.0	42.1
PAPA016	05-Apr-15	8	26.3	26.1	23.1	20.8	18.7	43.2
PAPA016	05-Apr-15	9	27.0	25.8	20.5	18.0	16.2	54.6
PAPA016	05-Apr-15	10	21.9	25.1	17.6	16.3	15.6	35.8
PAPA016	05-Apr-15	11	25.5	26.4	18.6	16.5	15.7	46.1
PAPA016	05-Apr-15	12	34.2	37.6	27.4	19.4	16.5	56.2
PAPA016	05-Apr-15	13	40.8	44.5	36.5	25.7	19.0	58.2
PAPA016	05-Apr-15	14	42.8	46.7	37.0	27.5	18.6	60.4
PAPA016	05-Apr-15	15	39.3	43.0	35.3	27.7	19.1	55.2
PAPA016	05-Apr-15	16	39.2	42.9	35.7	28.0	19.8	56.6
PAPA016	05-Apr-15	17	37.6	41.4	34.3	28.0	19.8	52.0

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA016	05-Apr-15	18	33.5	36.8	26.1	18.3	15.9	50.3
PAPA016	05-Apr-15	19	24.3	28.4	18.6	17.0	16.0	37.8
PAPA016	05-Apr-15	20	22.4	25.6	19.3	17.5	16.4	36.0
PAPA016	05-Apr-15	21	21.4	20.6	18.2	16.0	15.2	41.4
PAPA016	05-Apr-15	22	27.0	23.2	15.6	15.0	14.8	48.5
PAPA016	05-Apr-15	23	19.6	19.1	16.2	15.6	15.1	36.8
PAPA016	06-Apr-15	0	24.8	25.4	20.6	17.0	16.0	46.6
PAPA016	06-Apr-15	1	24.8	26.3	24.4	22.9	21.3	33.4
PAPA016	06-Apr-15	2	27.4	29.4	26.9	24.9	22.6	34.4
PAPA016	06-Apr-15	3	22.8	25.5	21.6	19.3	17.7	39.5
PAPA016	06-Apr-15	4	22.2	24.4	20.9	18.4	17.1	33.8
PAPA016	06-Apr-15	5	26.9	30.9	24.1	18.2	16.3	38.8
PAPA016	06-Apr-15	6	31.6	34.2	29.9	23.8	18.0	46.2
PAPA016	06-Apr-15	7	30.3	33.2	28.5	21.9	16.9	43.0
PAPA016	06-Apr-15	8	28.8	30.8	26.1	22.3	18.8	53.8
PAPA016	06-Apr-15	9	32.8	28.6	21.8	20.2	18.9	53.1
PAPA016	06-Apr-15	10	24.1	24.3	20.2	17.8	16.8	48.4
PAPA016	06-Apr-15	11	26.3	25.7	19.0	17.4	16.4	45.2
PAPA016	06-Apr-15	12	27.5	30.7	21.0	17.6	16.4	44.5
PAPA016	06-Apr-15	13	36.2	38.7	27.6	19.1	16.7	55.3
PAPA016	06-Apr-15	14	42.8	46.4	39.1	32.4	21.8	59.3
PAPA016	06-Apr-15	15	42.3	46.1	38.5	29.3	22.4	58.9
PAPA016	06-Apr-15	16	42.4	46.3	39.3	32.1	24.2	57.0
PAPA016	06-Apr-15	17	40.1	43.7	37.4	30.3	21.4	53.2
PAPA016	06-Apr-15	18	37.3	41.2	33.6	26.5	21.4	50.7
PAPA016	06-Apr-15	19	35.4	38.2	32.7	27.8	20.8	52.8
PAPA016	06-Apr-15	20	33.4	36.9	31.3	24.9	19.3	46.6
PAPA016	06-Apr-15	21	24.6	27.8	21.6	18.9	17.1	40.3
PAPA016	06-Apr-15	22	25.9	29.5	22.8	16.5	15.3	40.5
PAPA016	06-Apr-15	23	17.0	18.2	15.3	14.6	14.4	29.2
PAPA016	07-Apr-15	0	21.8	26.8	15.3	14.5	14.2	37.9
PAPA016	07-Apr-15	1	24.5	28.8	20.8	15.8	14.7	34.6
PAPA016	07-Apr-15	2	22.8	26.2	20.3	17.0	15.3	34.9
PAPA016	07-Apr-15	3	25.0	28.5	23.1	19.4	17.3	33.6
PAPA016	07-Apr-15	4	23.7	25.7	19.7	17.7	16.6	40.0
PAPA016	07-Apr-15	5	21.6	24.3	20.0	17.6	16.2	32.4
PAPA016	07-Apr-15	6	27.9	30.9	26.4	20.8	18.4	45.2
PAPA016	07-Apr-15	7	23.5	25.9	21.1	19.1	17.6	40.8
PAPA016	07-Apr-15	8	25.7	28.3	23.6	21.1	19.0	41.1
PAPA016	07-Apr-15	9	27.1	29.1	24.0	21.5	19.4	47.9
PAPA016	07-Apr-15	10	25.4	25.4	20.2	16.9	15.8	46.7
PAPA016	07-Apr-15	11	26.0	26.0	19.8	17.0	15.6	48.2
PAPA016	07-Apr-15	12	28.6	31.3	27.7	23.3	20.7	38.5
PAPA016	07-Apr-15	13	24.8	28.1	22.2	20.1	18.7	38.0
PAPA016	07-Apr-15	14	27.4	30.3	20.8	18.2	17.4	44.6
PAPA016	07-Apr-15	15	29.8	31.2	23.0	18.6	16.9	50.4

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA016	07-Apr-15	16	32.0	35.6	25.7	19.3	17.0	50.6
PAPA016	07-Apr-15	17	32.9	35.6	26.8	23.0	18.9	52.9
PAPA016	07-Apr-15	18	32.2	33.4	27.0	24.5	22.6	52.1
PAPA016	07-Apr-15	19	29.4	30.6	24.6	20.1	17.8	48.2
PAPA016	07-Apr-15	20	28.2	27.8	20.3	17.5	16.0	49.2
PAPA016	07-Apr-15	21	20.8	23.3	18.6	16.8	15.8	33.7
PAPA016	07-Apr-15	22	22.5	25.3	20.8	18.1	16.7	33.7
PAPA016	07-Apr-15	23	21.6	23.2	21.3	19.5	18.1	32.7
PAPA016	08-Apr-15	0	22.0	23.2	21.4	19.4	18.0	35.2
PAPA016	08-Apr-15	1	22.8	24.3	21.2	18.7	17.1	39.4
PAPA016	08-Apr-15	2	19.0	20.2	18.4	17.4	16.5	38.1
PAPA016	08-Apr-15	3	23.1	20.6	18.7	17.4	16.5	47.1
PAPA016	08-Apr-15	4	32.4	22.0	17.3	16.3	15.6	58.6
PAPA016	08-Apr-15	5	24.4	29.1	18.3	16.0	15.2	43.4
PAPA016	08-Apr-15	6	28.9	32.3	27.8	19.9	16.4	38.9
PAPA016	08-Apr-15	7	29.2	32.2	28.1	21.4	16.5	40.8
PAPA016	08-Apr-15	8	29.4	33.7	24.8	20.6	18.8	43.1
PAPA016	08-Apr-15	9	26.4	28.5	23.9	17.3	16.1	51.0
PAPA016	08-Apr-15	10	30.5	30.1	17.3	16.1	14.9	51.9
PAPA016	08-Apr-15	11	25.8	24.1	16.4	15.2	14.9	54.7
PAPA016	08-Apr-15	12	25.0	26.7	17.9	15.4	14.9	44.9
PAPA016	08-Apr-15	13	27.9	30.8	24.0	18.8	15.9	44.1
PAPA016	08-Apr-15	14	29.3	32.7	26.5	21.6	18.7	46.0
PAPA016	08-Apr-15	15	31.8	35.2	29.6	25.0	20.2	45.8
PAPA016	08-Apr-15	16	33.6	37.0	31.0	25.2	19.5	48.0
PAPA016	08-Apr-15	17	35.9	39.3	30.7	25.4	20.5	52.1
PAPA016	08-Apr-15	18	23.0	25.6	21.8	19.1	16.8	35.7
PAPA016	08-Apr-15	19	27.4	30.4	23.0	19.7	17.3	44.2
PAPA016	08-Apr-15	20	33.5	37.3	29.4	22.4	18.2	48.7
PAPA016	08-Apr-15	21	24.3	26.5	19.3	15.4	14.5	43.8
PAPA016	08-Apr-15	22	17.9	19.8	16.6	15.4	14.5	31.0
PAPA016	08-Apr-15	23	21.1	25.2	16.5	15.5	15.1	35.2
PAPA016	09-Apr-15	0	24.5	28.5	22.2	18.6	16.3	37.6
PAPA016	09-Apr-15	1	27.6	29.6	24.1	20.4	17.5	47.2
PAPA016	09-Apr-15	2	21.3	23.8	20.5	17.8	16.8	27.7
PAPA016	09-Apr-15	3	22.9	24.7	22.4	20.9	19.5	28.7
PAPA016	09-Apr-15	4	25.0	26.9	24.6	22.5	20.5	29.3
PAPA016	09-Apr-15	5	23.2	27.1	20.3	17.8	15.3	35.6
PAPA016	09-Apr-15	6	27.8	30.6	26.1	21.3	18.1	42.4
PAPA016	09-Apr-15	7	28.3	31.4	26.4	20.4	17.3	48.4
PAPA016	09-Apr-15	8	28.4	28.5	19.8	18.2	17.2	52.0
PAPA016	09-Apr-15	9	30.6	26.8	21.5	18.1	16.2	52.9
PAPA016	09-Apr-15	10	29.1	26.1	15.9	15.1	14.9	52.0
PAPA016	09-Apr-15	11	28.0	28.2	17.4	15.5	15.1	53.2
PAPA016	09-Apr-15	12	24.6	28.2	18.6	16.3	15.7	42.0
PAPA016	09-Apr-15	13	25.5	26.7	17.0	15.9	15.6	44.0

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA016	09-Apr-15	14	29.2	27.6	18.1	16.2	15.6	53.2
PAPA016	09-Apr-15	15	31.2	29.4	19.1	16.0	15.4	55.0
PAPA016	09-Apr-15	16	51.7	33.1	22.9	16.5	15.7	85.3
PAPA016	09-Apr-15	17	24.9	26.5	16.2	15.5	15.0	46.0
PAPA016	09-Apr-15	18	24.6	27.2	19.0	15.0	14.6	41.8
PAPA016	09-Apr-15	19	27.1	26.6	21.3	17.5	15.5	54.0
PAPA016	09-Apr-15	20	29.6	30.5	22.3	17.3	14.7	49.3
PAPA016	09-Apr-15	21	17.5	19.6	15.9	15.0	14.7	30.9
PAPA016	09-Apr-15	22	25.6	22.9	15.1	14.7	14.4	47.3
PAPA016	09-Apr-15	23	21.8	24.9	16.3	14.6	14.4	35.4
PAPA016	10-Apr-15	0	19.4	21.9	18.6	16.6	15.8	26.5
PAPA016	10-Apr-15	1	19.3	20.7	18.9	17.4	16.2	26.4
PAPA016	10-Apr-15	2	19.8	21.8	19.3	17.5	16.4	24.7
PAPA016	10-Apr-15	3	19.7	21.8	18.9	17.6	16.6	28.6
PAPA016	10-Apr-15	4	20.8	22.5	20.5	18.9	17.4	29.4
PAPA016	10-Apr-15	5	24.7	28.2	22.3	18.8	17.3	42.1
PAPA016	10-Apr-15	6	29.4	31.7	28.6	25.5	22.2	39.0
PAPA016	10-Apr-15	7	28.7	31.4	27.7	24.6	21.4	40.0
PAPA016	10-Apr-15	8	27.1	28.1	25.0	22.5	20.0	52.9
PAPA017	15-Apr-13	12	27.9	30.4	23.9	21.0	18.9	43.7
PAPA017	15-Apr-13	13	34.3	33.9	25.3	22.0	19.8	58.2
PAPA017	15-Apr-13	14	28.0	30.9	25.7	22.9	20.9	44.0
PAPA017	15-Apr-13	15	29.0	32.0	26.4	23.1	19.9	42.1
PAPA017	15-Apr-13	16	30.5	33.8	27.6	23.9	20.7	45.4
PAPA017	15-Apr-13	17	34.6	35.5	27.8	24.6	21.4	56.7
PAPA017	15-Apr-13	18	33.5	36.7	30.9	27.3	24.4	47.7
PAPA017	15-Apr-13	19	34.1	37.2	31.8	28.4	24.9	49.4
PAPA017	15-Apr-13	20	28.8	30.3	28.1	26.4	23.5	50.4
PAPA017	15-Apr-13	21	31.5	32.7	30.5	28.3	22.8	47.7
PAPA017	15-Apr-13	22	30.5	32.3	30.3	27.4	25.2	36.2
PAPA017	15-Apr-13	23	26.4	27.9	26.1	24.2	21.3	33.4
PAPA017	16-Apr-13	0	25.2	27.1	24.9	22.8	20.8	29.9
PAPA017	16-Apr-13	1	30.8	30.3	27.4	24.9	22.6	53.6
PAPA017	16-Apr-13	2	26.5	29.0	25.6	22.8	18.4	37.5
PAPA017	16-Apr-13	3	27.9	29.8	27.5	25.7	23.4	34.1
PAPA017	16-Apr-13	4	34.3	37.5	32.3	29.9	27.1	46.5
PAPA017	16-Apr-13	5	35.1	36.5	33.4	31.6	28.4	54.3
PAPA017	16-Apr-13	6	34.3	36.4	33.3	31.4	27.0	45.2
PAPA017	16-Apr-13	7	26.2	28.5	25.5	22.8	20.8	39.8
PAPA017	16-Apr-13	8	28.6	29.0	25.9	23.7	20.9	47.0
PAPA017	16-Apr-13	9	30.1	32.7	29.2	25.1	22.9	40.7
PAPA017	16-Apr-13	10	28.1	31.3	24.4	21.9	19.7	52.4
PAPA017	16-Apr-13	11	21.7	23.1	21.3	20.3	19.2	27.5
PAPA017	16-Apr-13	12	25.6	28.1	23.4	19.9	18.0	43.6
PAPA017	16-Apr-13	13	23.1	25.0	22.1	20.5	19.0	34.3
PAPA017	16-Apr-13	14	25.1	25.5	23.1	21.6	19.4	44.1

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA017	16-Apr-13	15	25.2	27.9	22.1	20.6	19.4	39.8
PAPA017	16-Apr-13	16	24.6	27.1	23.1	21.2	19.5	37.2
PAPA017	16-Apr-13	17	23.4	25.0	22.9	21.1	19.3	38.3
PAPA017	16-Apr-13	18	22.4	24.4	21.7	19.6	18.1	33.2
PAPA017	16-Apr-13	19	24.7	26.5	22.7	20.6	18.7	39.1
PAPA017	16-Apr-13	20	25.8	27.5	25.1	22.3	18.9	36.7
PAPA017	16-Apr-13	21	23.9	26.0	23.5	19.5	17.6	34.3
PAPA017	16-Apr-13	22	19.8	22.1	19.0	17.7	16.4	26.4
PAPA017	16-Apr-13	23	24.9	27.9	23.7	20.0	18.3	36.0
PAPA017	17-Apr-13	0	25.6	27.6	24.5	22.4	20.3	37.0
PAPA017	17-Apr-13	1	23.4	25.1	23.1	20.9	19.3	32.4
PAPA017	17-Apr-13	2	21.6	22.9	21.6	19.7	18.1	28.0
PAPA017	17-Apr-13	3	25.8	27.9	19.7	18.2	17.4	42.6
PAPA017	17-Apr-13	4	19.9	19.4	16.8	15.8	15.2	38.0
PAPA017	17-Apr-13	5	22.4	25.6	21.2	15.9	15.2	40.7
PAPA017	17-Apr-13	6	30.2	29.7	26.1	22.3	17.5	50.1
PAPA017	17-Apr-13	7	24.4	26.5	23.5	20.9	18.5	40.8
PAPA017	17-Apr-13	8	26.8	30.1	24.8	20.9	18.6	38.7
PAPA017	17-Apr-13	9	25.7	28.7	23.7	20.5	17.8	40.8
PAPA017	08-Apr-14	10	27.5	27.6	23.8	21.7	19.9	56.6
PAPA017	08-Apr-14	11	23.5	25.1	21.5	19.7	17.9	44.9
PAPA017	08-Apr-14	12	25.7	27.0	22.3	20.2	18.4	44.2
PAPA017	08-Apr-14	13	23.2	25.4	21.8	20.3	19.0	41.8
PAPA017	08-Apr-14	14	25.1	27.6	22.0	20.2	18.8	40.0
PAPA017	16-Apr-14	10	27.7	30.7	23.6	19.5	17.4	42.8
PAPA017	16-Apr-14	11	31.3	28.3	21.8	18.7	16.7	51.1
PAPA017	16-Apr-14	12	28.1	31.3	24.7	20.4	17.9	41.7
PAPA017	16-Apr-14	13	37.6	36.2	28.8	23.8	19.4	62.5
PAPA017	16-Apr-14	14	31.8	35.3	28.8	23.2	20.0	46.9
PAPA017	16-Apr-14	15	29.5	33.0	25.9	21.8	19.2	47.0
PAPA017	16-Apr-14	16	29.7	33.2	26.3	21.5	18.3	43.6
PAPA017	16-Apr-14	17	26.6	29.7	23.9	20.0	17.9	39.8
PAPA017	16-Apr-14	18	24.7	27.7	21.2	18.4	16.9	38.6
PAPA017	16-Apr-14	19	26.1	27.0	18.1	16.3	15.2	45.4
PAPA017	16-Apr-14	20	28.4	27.4	22.2	20.5	18.2	49.0
PAPA017	16-Apr-14	21	25.6	26.3	23.1	21.7	19.9	42.1
PAPA017	16-Apr-14	22	28.6	30.6	28.1	25.5	21.8	35.8
PAPA017	16-Apr-14	23	30.3	32.7	29.8	26.8	24.4	38.1
PAPA017	17-Apr-14	0	27.7	29.5	27.3	25.4	23.5	31.2
PAPA017	17-Apr-14	1	29.4	30.8	29.4	26.8	24.4	34.6
PAPA017	17-Apr-14	2	31.7	33.6	31.4	29.4	27.7	36.3
PAPA017	17-Apr-14	3	32.9	35.4	31.8	29.9	28.1	40.4
PAPA017	17-Apr-14	4	32.3	35.0	30.8	28.5	26.3	45.3
PAPA017	17-Apr-14	5	34.2	36.0	33.7	31.9	29.5	41.3
PAPA017	17-Apr-14	6	35.1	36.0	33.2	31.1	28.9	55.9
PAPA017	17-Apr-14	7	36.8	37.0	34.8	33.2	31.5	59.0

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA017	17-Apr-14	8	35.5	37.8	34.9	31.8	28.6	47.7
PAPA017	17-Apr-14	9	30.8	32.7	28.3	25.9	22.9	47.5
PAPA017	17-Apr-14	10	29.1	28.8	26.2	24.5	22.4	51.3
PAPA017	17-Apr-14	11	44.9	27.5	22.8	21.2	19.6	68.0
PAPA017	17-Apr-14	12	36.1	30.8	22.4	20.7	19.2	61.8
PAPA017	17-Apr-14	13	30.5	28.7	23.9	21.4	19.8	58.2
PAPA017	17-Apr-14	14	26.0	27.3	22.6	20.6	18.9	43.9
PAPA017	17-Apr-14	15	24.3	26.1	22.8	20.1	18.6	36.6
PAPA017	17-Apr-14	16	29.9	29.8	26.5	24.1	21.2	54.9
PAPA017	17-Apr-14	17	37.4	30.3	24.2	22.0	19.3	64.0
PAPA017	17-Apr-14	18	32.0	31.3	24.5	22.1	19.3	51.5
PAPA017	17-Apr-14	19	33.4	32.3	28.0	24.4	22.0	53.8
PAPA017	17-Apr-14	20	30.2	32.1	29.5	28.0	26.1	37.9
PAPA017	17-Apr-14	21	31.8	33.8	30.0	28.2	26.7	45.2
PAPA017	17-Apr-14	22	30.2	31.7	29.6	27.9	26.2	38.2
PAPA017	17-Apr-14	23	33.7	35.3	33.5	31.8	28.2	38.5
PAPA017	18-Apr-14	0	35.2	36.8	34.9	33.1	30.9	40.7
PAPA017	18-Apr-14	1	34.2	36.6	33.4	31.7	30.0	40.9
PAPA017	18-Apr-14	2	35.4	37.0	35.1	33.3	31.3	45.8
PAPA017	18-Apr-14	3	36.1	38.5	35.1	33.5	32.0	43.4
PAPA017	18-Apr-14	4	35.8	38.0	34.9	32.7	31.1	42.7
PAPA017	18-Apr-14	5	35.3	36.6	35.0	33.7	31.6	42.6
PAPA017	18-Apr-14	6	37.7	39.7	36.9	34.4	32.1	53.3
PAPA017	18-Apr-14	7	35.5	37.3	35.1	33.3	29.9	43.9
PAPA017	18-Apr-14	8	36.9	37.9	35.2	32.6	28.5	56.9
PAPA017	18-Apr-14	9	32.9	33.0	29.1	26.6	23.7	52.9
PAPA017	18-Apr-14	10	31.9	34.5	28.0	25.3	23.3	50.7
PAPA017	18-Apr-14	11	29.8	31.8	26.6	23.4	20.6	50.2
PAPA017	18-Apr-14	12	41.6	45.7	37.7	23.9	19.7	55.3
PAPA017	18-Apr-14	13	36.2	40.1	32.1	24.3	20.3	51.0
PAPA017	18-Apr-14	14	29.9	33.2	26.4	22.1	19.7	48.0
PAPA017	18-Apr-14	15	24.0	25.9	20.7	19.0	17.6	41.6
PAPA017	03-Apr-15	10	30.1	29.4	22.3	19.3	18.3	53.2
PAPA017	03-Apr-15	11	29.0	28.0	21.5	19.5	18.4	52.8
PAPA017	03-Apr-15	12	29.3	31.7	22.3	19.4	18.2	47.5
PAPA017	03-Apr-15	13	24.6	26.7	20.9	19.2	18.1	41.2
PAPA017	03-Apr-15	14	23.0	26.1	20.6	18.8	17.9	35.5
PAPA017	03-Apr-15	15	26.2	28.3	20.5	19.0	18.2	46.0
PAPA017	03-Apr-15	16	23.9	28.2	19.5	18.3	17.5	38.3
PAPA017	03-Apr-15	17	23.5	26.6	19.2	18.1	17.4	42.5
PAPA017	03-Apr-15	18	27.1	28.4	20.2	18.2	17.1	47.6
PAPA017	03-Apr-15	19	23.5	25.4	22.6	20.3	18.4	44.9
PAPA017	03-Apr-15	20	29.3	30.9	28.7	26.7	24.6	38.9
PAPA017	03-Apr-15	21	26.1	27.7	25.8	23.9	22.0	32.7
PAPA017	03-Apr-15	22	25.4	27.8	24.2	22.5	20.3	35.1
PAPA017	03-Apr-15	23	21.6	23.3	21.3	19.4	17.8	26.1

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA017	04-Apr-15	0	23.9	25.3	22.6	19.7	17.9	44.2
PAPA017	04-Apr-15	1	27.6	29.3	27.7	23.6	19.8	34.8
PAPA017	04-Apr-15	2	30.5	32.1	30.3	28.3	25.7	37.3
PAPA017	04-Apr-15	3	33.5	35.3	33.3	29.9	28.0	39.1
PAPA017	04-Apr-15	4	32.1	34.9	31.0	29.1	28.0	40.3
PAPA017	04-Apr-15	5	31.6	33.7	31.0	29.3	27.3	38.1
PAPA017	04-Apr-15	6	35.3	37.3	34.9	32.6	30.3	42.5
PAPA017	04-Apr-15	7	34.7	36.3	34.1	32.3	29.8	46.0
PAPA017	04-Apr-15	8	42.7	36.3	28.4	22.7	20.3	69.8
PAPA017	04-Apr-15	9	32.1	34.2	24.1	21.8	20.2	60.2
PAPA017	04-Apr-15	10	40.3	36.4	23.2	21.5	19.7	61.9
PAPA017	04-Apr-15	11	26.1	27.1	24.3	22.6	20.5	46.1
PAPA017	04-Apr-15	12	24.4	26.1	23.8	22.1	20.8	31.2
PAPA017	04-Apr-15	13	23.8	25.7	22.7	20.6	18.9	43.7
PAPA017	04-Apr-15	14	25.3	26.8	20.0	18.4	17.3	48.6
PAPA017	04-Apr-15	15	41.2	45.3	36.9	18.3	17.5	54.4
PAPA017	04-Apr-15	16	41.6	45.1	38.8	32.0	23.4	54.2
PAPA017	04-Apr-15	17	42.1	46.2	38.2	29.3	21.5	55.6
PAPA017	04-Apr-15	18	38.9	42.9	35.1	26.4	20.9	53.9
PAPA017	04-Apr-15	19	31.5	35.9	25.9	16.8	15.6	46.1
PAPA017	04-Apr-15	20	24.1	24.6	19.7	18.0	15.7	48.5
PAPA017	04-Apr-15	21	20.9	23.3	18.3	17.4	16.4	34.6
PAPA017	04-Apr-15	22	22.1	22.4	19.9	18.5	17.1	45.5
PAPA017	04-Apr-15	23	22.3	25.5	20.3	18.3	17.0	32.6
PAPA017	05-Apr-15	0	32.0	33.9	31.9	26.8	24.2	40.6
PAPA017	05-Apr-15	1	32.8	34.9	32.3	30.6	28.9	38.2
PAPA017	05-Apr-15	2	38.8	40.8	38.5	35.4	32.5	44.4
PAPA017	05-Apr-15	3	30.3	34.5	25.6	22.3	20.8	40.6
PAPA017	05-Apr-15	4	26.8	29.1	25.0	23.1	21.7	40.5
PAPA017	05-Apr-15	5	28.0	30.5	26.0	24.7	22.8	39.2
PAPA017	05-Apr-15	6	35.0	37.9	30.6	26.0	23.5	50.7
PAPA017	05-Apr-15	7	35.7	39.1	31.1	27.8	25.4	53.1
PAPA017	05-Apr-15	8	41.8	37.5	27.8	24.1	22.1	59.6
PAPA017	05-Apr-15	9	42.2	33.1	26.3	22.5	20.1	68.5
PAPA017	05-Apr-15	10	30.2	33.9	24.2	21.7	19.6	47.0
PAPA017	05-Apr-15	11	30.9	33.4	22.7	20.1	18.6	57.3
PAPA017	05-Apr-15	12	30.8	33.2	24.7	20.6	18.6	50.7
PAPA017	05-Apr-15	13	53.2	51.6	39.7	32.0	22.5	74.7
PAPA017	05-Apr-15	14	43.6	47.5	40.5	32.6	25.4	57.7
PAPA017	05-Apr-15	15	44.0	47.8	40.7	33.3	25.6	56.9
PAPA017	05-Apr-15	16	42.8	46.5	39.7	32.1	21.4	57.8
PAPA017	05-Apr-15	17	38.1	41.9	34.1	25.8	19.9	53.8
PAPA017	05-Apr-15	18	34.6	39.0	29.0	19.8	17.5	48.4
PAPA017	05-Apr-15	19	26.5	29.1	25.4	22.5	20.2	39.0
PAPA017	05-Apr-15	20	28.4	29.9	28.0	26.5	24.4	40.1
PAPA017	05-Apr-15	21	30.3	32.4	29.5	27.7	24.8	37.5

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA017	05-Apr-15	22	31.1	32.2	30.3	27.9	26.0	45.4
PAPA017	05-Apr-15	23	32.6	35.1	32.1	28.6	26.2	40.9
PAPA017	06-Apr-15	0	37.1	40.7	33.7	29.7	26.7	50.8
PAPA017	06-Apr-15	1	35.6	39.4	31.4	29.2	27.3	47.4
PAPA017	06-Apr-15	2	28.8	31.8	27.9	24.4	22.5	36.5
PAPA017	06-Apr-15	3	28.8	30.6	28.5	25.7	22.9	35.0
PAPA017	06-Apr-15	4	31.8	34.7	30.6	28.8	27.1	40.1
PAPA017	06-Apr-15	5	30.1	32.6	29.3	25.6	22.8	39.2
PAPA017	06-Apr-15	6	31.9	34.4	29.5	25.0	22.5	45.6
PAPA017	06-Apr-15	7	32.5	35.9	30.5	25.9	22.3	45.4
PAPA017	06-Apr-15	8	32.9	32.5	24.4	20.9	18.9	60.8
PAPA017	06-Apr-15	9	32.9	31.1	23.4	21.8	20.3	55.6
PAPA017	06-Apr-15	10	25.5	26.3	23.6	21.2	19.3	40.9
PAPA017	06-Apr-15	11	44.3	48.6	22.9	20.7	19.3	61.7
PAPA017	06-Apr-15	12	53.5	33.9	25.7	20.9	18.8	78.4
PAPA017	06-Apr-15	13	37.7	41.7	32.4	23.0	19.2	55.8
PAPA017	06-Apr-15	14	38.5	42.6	34.8	27.9	19.7	51.3
PAPA017	06-Apr-15	15	41.0	45.0	37.4	28.6	21.7	55.0
PAPA017	06-Apr-15	16	43.4	47.2	40.6	33.0	23.2	55.5
PAPA017	06-Apr-15	17	39.4	43.2	36.1	29.1	23.2	53.4
PAPA017	06-Apr-15	18	36.7	40.4	32.9	26.6	22.1	54.4
PAPA017	06-Apr-15	19	33.2	36.6	31.2	26.1	21.4	46.7
PAPA017	06-Apr-15	20	31.0	34.2	28.5	24.5	22.4	44.8
PAPA017	06-Apr-15	21	26.3	28.9	24.9	22.0	19.6	39.7
PAPA017	06-Apr-15	22	24.4	26.5	23.7	21.7	19.6	33.7
PAPA017	06-Apr-15	23	23.6	25.5	23.0	21.2	19.2	29.6
PAPA017	07-Apr-15	0	24.4	26.6	23.6	21.5	19.6	32.2
PAPA017	07-Apr-15	1	28.3	31.3	26.9	24.5	22.2	36.3
PAPA017	07-Apr-15	2	28.1	30.3	27.5	24.6	22.5	36.9
PAPA017	07-Apr-15	3	29.0	31.0	28.8	26.0	22.8	34.7
PAPA017	07-Apr-15	4	29.8	32.6	28.8	25.8	22.7	37.2
PAPA017	07-Apr-15	5	29.0	32.2	27.4	24.3	20.8	45.5
PAPA017	07-Apr-15	6	33.7	35.0	27.8	23.7	20.5	54.0
PAPA017	07-Apr-15	7	31.3	32.5	25.0	20.2	18.1	51.2
PAPA017	07-Apr-15	8	27.5	31.2	23.5	20.8	18.5	44.0
PAPA017	07-Apr-15	9	30.5	34.0	25.8	23.5	21.3	45.4
PAPA017	07-Apr-15	10	49.3	29.3	24.3	23.0	21.7	78.4
PAPA017	07-Apr-15	11	29.4	29.4	26.3	24.4	21.7	48.0
PAPA017	07-Apr-15	12	29.3	30.9	27.9	25.9	24.2	49.3
PAPA017	07-Apr-15	13	28.3	29.8	26.5	24.2	21.6	45.2
PAPA017	07-Apr-15	14	35.7	33.0	22.5	20.6	19.3	64.4
PAPA017	07-Apr-15	15	40.7	30.6	22.1	19.6	18.5	68.5
PAPA017	07-Apr-15	16	41.1	34.1	24.8	20.6	18.1	69.3
PAPA017	07-Apr-15	17	34.6	38.2	30.4	25.4	22.2	51.4
PAPA017	07-Apr-15	18	29.3	28.3	25.0	22.7	20.8	50.0
PAPA017	07-Apr-15	19	33.1	36.3	31.5	26.2	23.3	44.0

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA017	07-Apr-15	20	36.8	39.5	34.4	31.8	28.5	51.0
PAPA017	07-Apr-15	21	34.3	36.6	34.0	30.2	25.7	42.5
PAPA017	07-Apr-15	22	34.4	36.1	34.3	32.0	29.0	39.5
PAPA017	07-Apr-15	23	34.6	36.1	34.4	32.5	30.1	39.5
PAPA017	08-Apr-15	0	32.4	34.2	32.1	29.9	27.8	40.8
PAPA017	08-Apr-15	1	30.3	32.4	29.8	27.7	26.0	35.5
PAPA017	08-Apr-15	2	28.2	29.8	27.8	26.5	25.2	33.6
PAPA017	08-Apr-15	3	27.5	29.2	27.3	25.1	23.0	31.5
PAPA017	08-Apr-15	4	30.5	33.0	30.1	25.8	23.7	38.9
PAPA017	08-Apr-15	5	27.6	30.3	26.2	24.7	22.9	35.3
PAPA017	08-Apr-15	6	34.2	37.0	33.4	28.3	24.7	42.6
PAPA017	08-Apr-15	7	35.0	37.4	34.2	32.3	30.6	42.9
PAPA017	08-Apr-15	8	33.0	35.4	30.5	22.9	20.2	60.1
PAPA017	08-Apr-15	9	42.8	32.7	24.5	21.5	19.7	64.4
PAPA017	08-Apr-15	10	37.8	35.9	21.7	19.0	17.7	56.7
PAPA017	08-Apr-15	11	21.8	22.9	18.8	17.9	17.2	39.9
PAPA017	08-Apr-15	12	23.5	26.3	20.0	18.1	17.0	42.9
PAPA017	08-Apr-15	13	25.7	29.1	22.3	19.2	17.4	38.9
PAPA017	08-Apr-15	14	27.5	30.6	24.7	21.5	19.1	41.6
PAPA017	08-Apr-15	15	30.0	33.7	27.5	22.3	18.3	45.9
PAPA017	08-Apr-15	16	32.6	35.9	30.8	25.6	21.5	44.6
PAPA017	08-Apr-15	17	33.8	37.1	30.3	23.4	19.7	48.6
PAPA017	08-Apr-15	18	27.4	30.7	25.3	20.9	18.6	41.1
PAPA017	08-Apr-15	19	26.0	29.3	23.5	21.5	19.7	40.0
PAPA017	08-Apr-15	20	30.8	34.1	28.1	24.4	21.2	45.0
PAPA017	08-Apr-15	21	28.2	30.7	27.1	25.0	22.1	38.1
PAPA017	08-Apr-15	22	24.4	27.2	23.3	19.6	17.9	32.0
PAPA017	08-Apr-15	23	25.8	27.6	25.3	23.0	20.0	33.8
PAPA017	09-Apr-15	0	25.6	28.1	24.1	22.1	20.7	37.8
PAPA017	09-Apr-15	1	31.3	33.2	30.3	28.2	25.3	44.0
PAPA017	09-Apr-15	2	31.7	34.0	31.2	28.6	27.0	37.6
PAPA017	09-Apr-15	3	30.3	34.6	27.8	22.1	19.9	40.0
PAPA017	09-Apr-15	4	25.5	27.2	25.1	22.7	20.0	33.7
PAPA017	09-Apr-15	5	28.6	32.0	27.5	21.5	18.9	36.2
PAPA017	09-Apr-15	6	32.1	34.9	30.7	27.8	24.0	43.6
PAPA017	09-Apr-15	7	34.4	37.3	32.6	30.0	25.8	47.8
PAPA017	09-Apr-15	8	28.9	32.1	26.4	23.4	21.3	42.8
PAPA017	09-Apr-15	9	26.6	29.5	23.6	21.8	20.1	41.4
PAPA017	09-Apr-15	10	29.5	27.0	22.8	21.0	19.5	53.4
PAPA017	09-Apr-15	11	29.0	29.3	23.5	21.3	19.5	48.3
PAPA017	09-Apr-15	12	28.0	28.1	24.3	22.5	21.0	46.3
PAPA017	09-Apr-15	13	24.9	25.3	22.5	20.9	19.3	43.7
PAPA017	09-Apr-15	14	27.6	28.2	23.8	22.1	20.2	52.6
PAPA017	09-Apr-15	15	27.5	27.4	23.7	22.1	20.8	45.2
PAPA017	09-Apr-15	16	38.0	30.4	22.6	21.1	19.0	65.5
PAPA017	09-Apr-15	17	23.9	25.1	21.0	19.3	18.3	40.3

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA017	09-Apr-15	18	22.8	24.7	21.0	18.4	17.2	39.9
PAPA017	09-Apr-15	19	21.2	23.4	18.8	17.8	16.9	37.8
PAPA017	09-Apr-15	20	27.8	28.4	23.6	21.1	19.0	48.2
PAPA017	09-Apr-15	21	24.9	26.5	24.7	22.8	21.1	29.4
PAPA017	09-Apr-15	22	27.0	28.3	25.9	25.0	22.9	40.3
PAPA017	09-Apr-15	23	25.8	27.0	25.3	22.3	20.0	36.3
PAPA017	10-Apr-15	0	27.1	30.3	25.8	21.8	20.3	46.3
PAPA017	10-Apr-15	1	28.4	31.9	27.6	21.0	18.8	34.4
PAPA017	10-Apr-15	2	21.3	23.1	20.4	19.0	17.5	27.7
PAPA017	10-Apr-15	3	24.7	26.9	23.9	21.0	19.4	33.2
PAPA017	10-Apr-15	4	23.9	25.2	23.8	22.6	21.3	27.6
PAPA017	10-Apr-15	5	27.4	30.1	26.4	22.7	20.6	34.8
PAPA017	10-Apr-15	6	31.3	34.0	30.4	27.4	25.4	39.0
PAPA017	10-Apr-15	7	33.5	35.9	31.5	29.4	26.6	48.2
PAPA017	10-Apr-15	8	34.7	33.8	30.2	27.1	22.8	60.1
PAPA017	10-Apr-15	9	26.1	28.2	24.3	22.7	20.4	41.1
PAPA017	10-Apr-15	10	23.9	25.3	22.8	21.2	19.8	42.1
PAPA017	10-Apr-15	11	61.8	45.3	22.2	19.9	18.7	81.0
PAPA017	10-Apr-15	12	46.3	40.5	23.8	20.3	19.1	69.8
PAPA017	10-Apr-15	13	47.2	35.4	20.6	19.2	18.2	70.7
PAPA017	10-Apr-15	14	31.3	29.8	20.5	19.6	18.8	54.8
PAPA017	10-Apr-15	15	26.4	25.3	19.8	18.9	17.9	46.6
PAPA017	10-Apr-15	16	24.6	24.8	21.0	19.3	18.3	48.8
PAPA017	10-Apr-15	17	24.3	23.7	20.0	18.5	17.7	45.4
PAPA017	10-Apr-15	18	22.7	22.6	19.8	18.7	17.7	52.8
PAPA017	10-Apr-15	19	22.9	24.5	20.6	19.1	17.8	37.7
PAPA017	10-Apr-15	20	26.4	26.5	23.8	21.8	19.4	48.0
PAPA017	10-Apr-15	21	25.3	27.2	24.7	22.7	20.7	31.1
PAPA017	10-Apr-15	22	23.1	24.7	22.8	21.5	19.6	28.2
PAPA017	10-Apr-15	23	27.8	31.5	25.1	22.4	20.4	36.2
PAPA017	11-Apr-15	0	31.2	33.3	30.6	27.0	24.4	38.4
PAPA017	11-Apr-15	1	32.3	33.8	31.7	30.0	28.5	40.5
PAPA017	11-Apr-15	2	32.6	34.3	32.4	30.3	28.9	36.6
PAPA017	11-Apr-15	3	31.2	33.3	30.9	27.9	26.5	38.6
PAPA017	11-Apr-15	4	32.6	35.3	31.8	28.3	26.9	40.4
PAPA017	11-Apr-15	5	28.5	29.9	27.2	23.8	21.2	50.3
PAPA017	11-Apr-15	6	34.2	37.5	31.8	27.8	24.2	46.4
PAPA017	11-Apr-15	7	33.8	36.7	31.6	26.9	23.9	45.9
PAPA017	11-Apr-15	8	47.5	50.6	30.5	23.9	21.3	65.6
PAPA017	11-Apr-15	9	40.7	36.5	25.1	23.0	21.1	63.1
PAPA017	11-Apr-15	10	31.6	30.4	22.3	20.7	19.4	53.9
PAPA017	11-Apr-15	11	53.3	34.8	25.8	21.9	19.4	78.7
PAPA018	15-Apr-13	12	27.8	31.6	21.2	17.9	16.4	44.4
PAPA018	15-Apr-13	13	35.8	33.8	24.7	18.8	16.5	59.1
PAPA018	15-Apr-13	14	28.0	31.6	23.9	19.4	17.1	45.2
PAPA018	15-Apr-13	15	30.4	34.2	26.4	20.5	17.7	48.8

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA018	15-Apr-13	16	29.9	33.6	26.6	21.0	17.3	42.6
PAPA018	15-Apr-13	17	33.4	37.2	27.2	21.4	17.7	49.8
PAPA018	15-Apr-13	18	36.9	40.7	34.1	28.1	22.0	49.3
PAPA018	15-Apr-13	19	33.6	37.2	30.4	24.4	17.9	47.7
PAPA018	15-Apr-13	20	24.6	27.6	22.0	19.8	17.8	37.0
PAPA018	15-Apr-13	21	35.9	27.9	24.9	20.5	17.7	61.4
PAPA018	15-Apr-13	22	26.7	29.1	25.9	23.8	21.7	35.9
PAPA018	15-Apr-13	23	25.5	27.8	24.6	22.4	20.3	40.0
PAPA018	16-Apr-13	0	25.0	28.9	22.8	18.6	16.2	32.5
PAPA018	16-Apr-13	1	27.9	29.5	26.5	24.5	21.6	47.6
PAPA018	16-Apr-13	2	29.0	30.9	28.7	26.4	24.3	34.6
PAPA018	16-Apr-13	3	32.0	33.6	31.6	29.9	25.2	40.6
PAPA018	16-Apr-13	4	36.6	40.0	34.0	31.3	29.5	48.5
PAPA018	16-Apr-13	5	35.9	39.4	33.0	31.1	28.9	50.7
PAPA018	16-Apr-13	6	35.9	38.7	33.7	31.0	26.8	49.2
PAPA018	16-Apr-13	7	27.1	29.7	26.0	21.8	19.9	37.0
PAPA018	16-Apr-13	8	28.2	29.3	23.7	21.2	19.5	46.5
PAPA018	16-Apr-13	9	29.0	31.9	25.3	19.4	17.4	50.1
PAPA018	16-Apr-13	10	25.1	28.3	22.6	20.1	18.6	37.5
PAPA018	16-Apr-13	11	21.7	23.4	20.8	19.6	18.0	34.6
PAPA018	16-Apr-13	12	27.7	30.8	26.0	20.7	18.7	41.4
PAPA018	16-Apr-13	13	22.6	24.7	21.5	19.8	18.1	34.1
PAPA018	16-Apr-13	14	25.2	27.7	22.9	20.0	18.7	42.2
PAPA018	16-Apr-13	15	30.8	28.6	20.6	19.0	17.3	56.7
PAPA018	16-Apr-13	16	22.4	25.4	19.6	18.0	16.9	42.2
PAPA018	16-Apr-13	17	23.0	26.5	20.9	17.8	16.8	32.4
PAPA018	16-Apr-13	18	22.8	26.1	17.5	16.2	15.3	39.8
PAPA018	16-Apr-13	19	20.8	22.9	17.8	15.8	15.1	34.1
PAPA018	16-Apr-13	20	22.0	24.1	20.2	16.9	15.6	36.4
PAPA018	16-Apr-13	21	19.8	22.4	18.6	15.4	14.5	31.1
PAPA018	16-Apr-13	22	18.2	20.2	17.0	16.1	15.2	27.5
PAPA018	16-Apr-13	23	24.5	27.6	24.1	16.0	14.8	31.7
PAPA018	17-Apr-13	0	27.7	31.3	25.5	21.7	19.0	35.7
PAPA018	17-Apr-13	1	28.4	30.9	27.4	25.5	23.6	37.5
PAPA018	17-Apr-13	2	28.5	31.1	27.7	24.5	22.4	36.7
PAPA018	17-Apr-13	3	24.2	25.2	22.8	20.6	19.0	40.6
PAPA018	17-Apr-13	4	20.9	20.9	16.8	15.2	14.9	40.5
PAPA018	17-Apr-13	5	17.9	21.5	15.9	14.9	14.4	25.6
PAPA018	17-Apr-13	6	27.4	30.6	26.1	21.6	19.6	36.5
PAPA018	17-Apr-13	7	33.2	36.9	30.4	24.6	19.2	45.3
PAPA018	17-Apr-13	8	23.2	25.9	21.2	18.9	16.7	35.3
PAPA018	17-Apr-13	9	24.6	27.5	23.2	20.0	17.7	35.4
PAPA018	17-Apr-13	10	27.6	31.0	23.9	19.5	17.4	42.2
PAPA018	08-Apr-14	11	23.2	24.9	19.9	17.7	16.2	43.1
PAPA018	08-Apr-14	12	27.6	28.8	21.5	18.1	16.7	51.3
PAPA018	08-Apr-14	13	24.7	28.0	20.8	17.9	16.0	43.6

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA018	08-Apr-14	14	28.3	32.2	24.0	18.7	16.6	45.0
PAPA018	08-Apr-14	15	26.7	30.3	22.6	17.3	15.9	43.3
PAPA018	08-Apr-14	16	29.3	30.9	23.5	18.7	15.9	47.9
PAPA018	08-Apr-14	17	28.2	31.3	22.4	17.4	15.6	45.0
PAPA018	08-Apr-14	18	26.4	24.3	16.8	15.4	14.7	47.0
PAPA018	08-Apr-14	19	29.7	28.7	22.1	18.2	16.7	50.2
PAPA018	08-Apr-14	20	33.4	30.0	16.7	15.6	14.8	62.8
PAPA018	08-Apr-14	21	24.5	24.8	21.1	16.0	14.9	45.0
PAPA018	08-Apr-14	22	18.0	20.8	16.1	14.9	14.1	22.7
PAPA018	08-Apr-14	23	17.2	19.1	16.9	15.1	13.9	20.8
PAPA018	09-Apr-14	0	14.8	15.3	14.6	14.1	13.8	30.0
PAPA018	09-Apr-14	1	14.5	15.1	14.3	13.8	13.5	22.4
PAPA018	09-Apr-14	2	14.3	14.7	14.2	13.9	13.6	19.3
PAPA018	09-Apr-14	3	14.4	15.0	14.1	13.8	13.6	22.3
PAPA018	09-Apr-14	4	14.3	14.6	14.2	14.0	13.8	17.4
PAPA018	09-Apr-14	5	16.6	18.7	15.1	14.5	14.0	28.9
PAPA018	09-Apr-14	6	29.8	33.4	26.9	20.9	17.0	42.4
PAPA018	09-Apr-14	7	30.8	34.2	27.5	22.7	18.5	56.1
PAPA018	09-Apr-14	8	36.5	34.2	23.2	19.5	18.0	62.2
PAPA018	09-Apr-14	9	53.9	38.8	20.5	18.1	15.9	73.1
PAPA018	09-Apr-14	10	26.7	27.6	19.2	16.5	15.3	51.0
PAPA018	09-Apr-14	11	26.3	28.5	20.3	17.2	15.4	46.8
PAPA018	09-Apr-14	12	32.3	35.5	28.2	21.7	17.3	51.2
PAPA018	09-Apr-14	13	31.0	34.7	26.9	20.5	17.5	48.0
PAPA018	09-Apr-14	14	35.7	39.5	32.1	25.5	19.5	49.5
PAPA018	09-Apr-14	15	35.7	39.4	32.3	25.3	19.0	49.9
PAPA018	09-Apr-14	16	33.9	37.6	29.9	23.6	18.6	48.8
PAPA018	09-Apr-14	17	31.8	35.4	28.3	22.5	17.2	46.1
PAPA018	09-Apr-14	18	35.9	38.8	30.9	24.8	17.4	56.2
PAPA018	09-Apr-14	19	24.9	26.7	18.2	14.7	14.0	45.5
PAPA018	09-Apr-14	20	26.6	30.0	21.1	17.7	15.9	42.5
PAPA018	09-Apr-14	21	20.0	19.6	16.3	14.9	14.4	38.4
PAPA018	09-Apr-14	22	25.1	26.7	16.8	15.3	14.3	46.3
PAPA018	09-Apr-14	23	17.3	18.8	16.9	15.7	15.0	22.4
PAPA018	10-Apr-14	0	26.7	30.0	21.6	16.0	14.5	44.6
PAPA018	10-Apr-14	1	21.4	23.6	18.8	16.2	14.9	37.9
PAPA018	10-Apr-14	2	16.1	17.3	15.9	15.2	14.6	20.2
PAPA018	10-Apr-14	3	17.1	18.3	16.3	15.5	14.7	26.9
PAPA018	10-Apr-14	4	18.4	20.1	16.9	14.9	14.2	32.9
PAPA018	10-Apr-14	5	18.0	19.0	17.1	15.5	14.8	34.2
PAPA018	10-Apr-14	6	28.0	31.9	24.2	18.6	15.8	45.1
PAPA018	10-Apr-14	7	45.9	39.0	25.0	18.7	15.6	66.6
PAPA018	10-Apr-14	8	37.2	30.9	22.3	19.2	16.9	64.5
PAPA018	03-Apr-15	16	23.6	26.3	18.3	15.4	14.9	47.3
PAPA018	03-Apr-15	17	34.6	26.3	17.4	15.1	14.8	61.8
PAPA018	03-Apr-15	18	24.5	27.2	18.6	15.5	14.7	42.7

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA018	03-Apr-15	19	20.7	23.7	17.4	15.3	14.5	40.4
PAPA018	03-Apr-15	20	24.4	28.4	17.5	14.8	14.3	39.4
PAPA018	03-Apr-15	21	16.9	17.3	15.1	14.4	14.1	31.6
PAPA018	03-Apr-15	22	19.7	20.5	14.7	14.3	14.1	37.6
PAPA018	03-Apr-15	23	15.9	15.4	14.6	14.3	14.0	34.0
PAPA018	04-Apr-15	0	23.8	27.8	15.5	14.7	14.4	40.8
PAPA018	04-Apr-15	1	27.0	31.0	15.6	14.7	14.3	42.3
PAPA018	04-Apr-15	2	24.1	23.3	15.5	14.5	14.2	43.5
PAPA018	04-Apr-15	3	23.7	27.8	19.4	15.4	14.7	39.7
PAPA018	04-Apr-15	4	27.2	31.1	19.8	17.9	15.7	42.1
PAPA018	04-Apr-15	5	19.5	21.2	19.3	16.6	15.5	32.2
PAPA018	04-Apr-15	6	31.2	36.1	24.2	19.9	16.9	45.7
PAPA018	04-Apr-15	7	32.9	35.2	26.8	23.5	19.8	50.6
PAPA018	04-Apr-15	8	53.6	42.0	29.9	20.5	16.2	73.5
PAPA018	04-Apr-15	9	36.0	26.6	19.5	16.6	15.4	55.6
PAPA018	04-Apr-15	10	31.0	29.3	19.5	16.9	15.7	53.7
PAPA018	04-Apr-15	11	42.3	32.8	22.2	17.8	15.5	72.2
PAPA018	04-Apr-15	12	29.7	27.8	18.6	16.4	15.4	54.4
PAPA018	04-Apr-15	13	45.9	28.7	18.9	16.3	15.7	71.4
PAPA018	04-Apr-15	14	35.5	38.1	27.2	17.2	15.6	56.5
PAPA018	04-Apr-15	15	38.7	42.2	33.6	26.1	18.6	54.9
PAPA018	04-Apr-15	16	38.9	43.0	34.5	26.0	19.1	55.0
PAPA018	04-Apr-15	17	38.4	41.9	34.5	26.3	20.5	55.3
PAPA018	04-Apr-15	18	38.8	42.7	35.4	29.1	24.5	53.4
PAPA018	04-Apr-15	19	31.6	35.0	26.4	19.7	16.4	51.5
PAPA018	04-Apr-15	20	21.9	23.8	16.8	14.2	14.0	47.3
PAPA018	04-Apr-15	21	19.7	21.6	14.2	14.1	14.0	39.5
PAPA018	04-Apr-15	22	16.1	15.6	14.3	14.2	14.0	30.7
PAPA018	04-Apr-15	23	15.0	15.6	14.5	14.3	14.1	29.9
PAPA018	05-Apr-15	0	18.1	20.1	17.1	14.5	14.2	31.6
PAPA018	05-Apr-15	1	21.9	24.3	21.4	18.3	16.6	31.1
PAPA018	05-Apr-15	2	24.5	26.6	23.9	21.8	19.2	30.4
PAPA018	05-Apr-15	3	22.1	24.3	21.2	19.3	17.3	30.4
PAPA018	05-Apr-15	4	20.4	21.4	19.9	18.6	17.2	31.6
PAPA018	05-Apr-15	5	26.5	26.9	22.3	20.3	18.3	48.8
PAPA018	05-Apr-15	6	34.1	37.8	30.6	25.8	21.3	45.2
PAPA018	05-Apr-15	7	35.3	38.7	31.4	26.2	21.6	49.0
PAPA018	05-Apr-15	8	28.9	32.1	25.2	20.9	16.7	50.7
PAPA018	05-Apr-15	9	28.6	33.0	21.4	17.4	15.9	46.2
PAPA018	05-Apr-15	10	27.1	30.3	20.0	16.5	15.3	45.9
PAPA018	05-Apr-15	11	26.7	29.7	20.3	17.0	15.8	48.6
PAPA018	05-Apr-15	12	32.2	34.9	25.1	18.8	16.4	56.4
PAPA018	05-Apr-15	13	40.4	44.3	36.6	29.7	23.1	54.7
PAPA018	05-Apr-15	14	38.5	42.2	34.0	26.3	19.3	58.5
PAPA018	05-Apr-15	15	42.3	46.3	38.5	31.9	25.8	55.9
PAPA018	05-Apr-15	16	41.4	45.1	36.9	30.3	24.0	56.6

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA018	05-Apr-15	17	38.6	41.8	33.1	26.2	20.5	57.5
PAPA018	05-Apr-15	18	32.9	36.2	26.8	20.1	16.0	56.8
PAPA018	05-Apr-15	19	24.9	26.3	20.7	18.5	16.8	44.7
PAPA018	05-Apr-15	20	22.6	24.9	21.0	19.1	17.7	33.0
PAPA018	05-Apr-15	21	18.6	19.0	17.6	16.8	16.1	34.4
PAPA018	05-Apr-15	22	21.9	20.2	17.7	16.8	16.0	40.0
PAPA018	05-Apr-15	23	21.9	24.4	20.7	18.0	16.7	36.2
PAPA018	06-Apr-15	0	26.4	27.0	24.0	21.8	19.3	45.8
PAPA018	06-Apr-15	1	25.7	27.7	25.3	23.2	21.0	31.8
PAPA018	06-Apr-15	2	22.6	24.2	22.0	20.7	19.0	32.6
PAPA018	06-Apr-15	3	18.8	21.7	16.9	15.4	14.8	32.0
PAPA018	06-Apr-15	4	17.7	20.2	15.9	14.9	14.5	28.1
PAPA018	06-Apr-15	5	23.6	25.3	19.5	16.0	14.7	40.9
PAPA018	06-Apr-15	6	33.8	38.0	29.9	23.9	17.7	49.1
PAPA018	06-Apr-15	7	34.1	37.5	32.3	23.7	15.8	50.0
PAPA018	06-Apr-15	8	34.5	33.2	23.5	19.4	16.4	66.2
PAPA018	06-Apr-15	9	27.7	28.7	22.7	19.3	17.9	47.1
PAPA018	06-Apr-15	10	24.9	23.5	18.1	16.7	16.1	49.8
PAPA018	06-Apr-15	11	31.1	32.6	23.2	17.5	16.0	53.5
PAPA018	06-Apr-15	12	25.1	28.3	21.2	17.3	15.5	41.4
PAPA018	06-Apr-15	13	37.1	40.8	32.8	24.9	15.7	51.7
PAPA018	06-Apr-15	14	36.7	40.5	32.6	22.7	17.7	52.8
PAPA018	06-Apr-15	15	36.8	40.5	31.7	24.6	20.2	53.8
PAPA018	06-Apr-15	16	40.1	43.6	36.1	29.8	25.6	55.7
PAPA018	06-Apr-15	17	37.8	41.5	34.4	28.0	23.5	50.7
PAPA018	06-Apr-15	18	36.2	39.9	32.8	26.3	21.4	51.4
PAPA018	06-Apr-15	19	34.6	38.2	31.4	26.2	21.9	48.1
PAPA018	06-Apr-15	20	31.2	34.5	28.2	24.3	20.8	47.1
PAPA018	06-Apr-15	21	22.5	24.5	21.2	19.3	17.8	36.6
PAPA018	06-Apr-15	22	23.9	26.3	22.9	19.2	17.4	36.6
PAPA018	06-Apr-15	23	19.5	21.0	19.1	17.6	16.5	27.1
PAPA018	07-Apr-15	0	23.0	26.4	21.1	17.9	16.4	35.3
PAPA018	07-Apr-15	1	27.0	28.4	26.8	25.4	23.9	36.4
PAPA018	07-Apr-15	2	27.8	29.5	27.5	25.8	22.7	32.4
PAPA018	07-Apr-15	3	26.5	28.8	25.8	23.4	21.9	34.4
PAPA018	07-Apr-15	4	25.7	27.9	25.2	22.4	21.1	31.0
PAPA018	07-Apr-15	5	25.3	27.6	24.7	22.0	20.0	35.0
PAPA018	07-Apr-15	6	27.4	29.2	25.8	23.1	18.4	43.8
PAPA018	07-Apr-15	7	28.8	27.7	19.9	16.5	15.3	48.2
PAPA018	07-Apr-15	8	26.6	23.2	17.1	15.9	15.1	54.4
PAPA018	07-Apr-15	9	22.6	24.3	18.3	16.7	15.6	43.2
PAPA018	07-Apr-15	10	28.4	24.5	17.5	16.3	15.5	48.5
PAPA018	07-Apr-15	11	27.2	24.3	21.4	18.8	16.6	47.1
PAPA018	07-Apr-15	12	26.5	26.4	23.4	21.8	20.1	53.8
PAPA018	07-Apr-15	13	22.6	23.3	19.1	18.1	17.0	41.5
PAPA018	07-Apr-15	14	27.6	30.2	19.7	17.6	16.5	46.2

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA018	07-Apr-15	15	25.0	26.2	18.7	16.8	16.2	44.2
PAPA018	07-Apr-15	16	39.9	35.7	24.0	16.4	15.8	64.6
PAPA018	07-Apr-15	17	30.5	33.5	27.4	23.6	20.5	46.7
PAPA018	07-Apr-15	18	28.3	29.0	22.7	18.4	15.9	47.4
PAPA018	07-Apr-15	19	25.5	27.7	21.1	17.7	16.2	45.2
PAPA018	07-Apr-15	20	29.0	25.3	21.4	19.3	17.6	52.2
PAPA018	07-Apr-15	21	22.9	21.1	18.9	17.2	16.2	42.2
PAPA018	07-Apr-15	22	20.8	22.1	19.9	18.4	17.3	32.9
PAPA018	07-Apr-15	23	23.8	25.3	23.7	20.9	19.0	30.6
PAPA018	08-Apr-15	0	25.2	25.9	22.4	19.7	18.5	42.9
PAPA018	08-Apr-15	1	22.2	24.6	21.6	17.7	16.1	31.9
PAPA018	08-Apr-15	2	21.1	23.2	20.7	18.0	16.5	30.8
PAPA018	08-Apr-15	3	17.5	18.4	17.3	16.6	15.9	22.9
PAPA018	08-Apr-15	4	19.5	21.6	18.4	17.0	15.9	31.9
PAPA018	08-Apr-15	5	21.0	22.5	19.2	17.4	15.8	36.5
PAPA018	08-Apr-15	6	26.4	29.0	25.1	19.6	16.4	41.6
PAPA018	08-Apr-15	7	29.3	32.6	27.4	23.1	19.9	41.6
PAPA018	08-Apr-15	8	28.4	30.9	27.4	24.2	20.6	38.1
PAPA018	08-Apr-15	9	30.6	28.8	22.8	18.5	16.0	49.8
PAPA018	08-Apr-15	10	27.8	31.4	21.1	16.5	15.0	44.6
PAPA018	08-Apr-15	11	17.9	19.8	15.9	15.1	14.8	35.7
PAPA018	08-Apr-15	12	29.1	21.8	16.6	15.2	14.9	59.5
PAPA018	08-Apr-15	13	25.8	28.6	20.8	16.4	15.1	49.9
PAPA018	08-Apr-15	14	26.7	30.0	22.8	18.1	15.8	42.2
PAPA018	08-Apr-15	15	27.7	31.1	23.0	17.4	15.2	44.9
PAPA018	08-Apr-15	16	31.4	35.2	27.5	21.5	17.2	46.4
PAPA018	08-Apr-15	17	35.7	39.7	29.2	20.3	18.0	50.1
PAPA018	08-Apr-15	18	26.6	29.5	23.8	21.7	19.2	41.2
PAPA018	08-Apr-15	19	24.5	27.1	22.1	20.7	18.9	39.9
PAPA018	08-Apr-15	20	26.9	29.9	23.7	21.7	19.5	40.5
PAPA018	08-Apr-15	21	24.8	26.0	22.9	21.0	19.4	41.8
PAPA018	08-Apr-15	22	20.8	22.7	20.4	17.7	15.6	26.4
PAPA018	08-Apr-15	23	21.9	23.4	21.4	19.7	17.9	31.1
PAPA018	09-Apr-15	0	24.9	25.4	22.3	20.0	18.8	43.5
PAPA018	09-Apr-15	1	26.0	28.7	24.5	22.1	19.6	36.6
PAPA018	09-Apr-15	2	23.1	25.0	22.5	20.7	18.6	29.7
PAPA018	09-Apr-15	3	24.1	27.0	23.0	19.5	17.3	31.4
PAPA018	09-Apr-15	4	19.2	21.7	17.9	16.3	15.0	30.5
PAPA018	09-Apr-15	5	21.8	22.5	19.6	17.4	16.5	51.4
PAPA018	09-Apr-15	6	27.8	31.2	25.8	22.5	19.4	39.0
PAPA018	09-Apr-15	7	25.2	27.9	23.9	20.7	16.6	37.0
PAPA018	09-Apr-15	8	34.9	26.2	19.1	15.8	14.8	69.8
PAPA018	09-Apr-15	9	24.2	21.0	16.1	14.9	14.5	53.3
PAPA018	09-Apr-15	10	19.3	21.5	16.7	15.5	14.8	35.4
PAPA018	09-Apr-15	11	27.5	27.8	16.8	15.7	15.1	52.4
PAPA018	09-Apr-15	12	21.6	24.1	18.2	16.2	15.6	39.4

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA018	09-Apr-15	13	21.4	24.3	17.6	16.4	15.7	37.7
PAPA018	09-Apr-15	14	28.9	31.1	20.0	16.4	15.4	50.2
PAPA018	09-Apr-15	15	22.7	25.6	18.3	15.8	15.1	41.3
PAPA018	09-Apr-15	16	24.8	28.1	20.2	16.3	14.8	42.0
PAPA018	09-Apr-15	17	21.9	25.0	19.9	18.1	16.2	34.4
PAPA018	09-Apr-15	18	21.5	23.4	19.5	17.3	15.4	40.9
PAPA018	09-Apr-15	19	22.9	26.1	20.0	16.2	15.2	39.5
PAPA018	09-Apr-15	20	24.5	23.3	17.1	15.2	14.7	45.8
PAPA018	09-Apr-15	21	16.9	18.0	16.6	15.7	14.9	22.9
PAPA018	09-Apr-15	22	20.4	20.6	16.1	15.3	14.9	37.6
PAPA018	09-Apr-15	23	20.3	19.4	15.1	14.5	14.3	37.7
PAPA018	10-Apr-15	0	17.8	19.2	17.8	15.3	14.5	21.7
PAPA018	10-Apr-15	1	21.7	23.2	21.4	19.8	18.1	26.3
PAPA018	10-Apr-15	2	19.6	21.6	18.9	17.3	16.4	29.5
PAPA018	10-Apr-15	3	19.7	20.9	16.7	15.6	15.1	35.7
PAPA018	10-Apr-15	4	17.2	19.2	16.3	15.3	14.9	23.0
PAPA018	10-Apr-15	5	20.9	23.4	19.5	17.2	15.8	32.4
PAPA018	10-Apr-15	6	28.4	31.7	24.4	20.4	17.6	45.4
PAPA018	10-Apr-15	7	28.0	29.9	24.3	21.4	18.8	43.4
PAPA018	10-Apr-15	8	36.1	30.8	24.6	22.0	19.6	52.4
PAPA018	10-Apr-15	9	39.5	38.8	24.7	23.0	21.4	60.9
PAPA018	10-Apr-15	10	38.2	31.9	23.2	17.5	15.8	58.6
PAPA018	10-Apr-15	11	26.8	23.9	17.7	16.1	15.5	48.3
PAPA019	15-Apr-13	13	33.9	30.8	23.2	17.6	15.7	55.9
PAPA019	15-Apr-13	14	28.4	32.2	23.9	18.0	16.2	43.1
PAPA019	15-Apr-13	15	31.2	34.9	26.5	19.5	16.4	47.1
PAPA019	15-Apr-13	16	31.7	35.7	28.0	20.4	16.3	47.1
PAPA019	15-Apr-13	17	34.4	38.3	27.7	19.9	16.6	51.8
PAPA019	15-Apr-13	18	37.0	40.8	33.7	27.7	22.2	53.1
PAPA019	15-Apr-13	19	33.8	37.9	29.7	21.8	17.6	48.4
PAPA019	15-Apr-13	20	26.8	29.3	21.8	19.0	17.2	53.8
PAPA019	15-Apr-13	21	36.0	26.4	19.9	17.4	16.2	61.2
PAPA019	15-Apr-13	22	19.5	21.8	17.7	15.3	14.7	35.4
PAPA019	15-Apr-13	23	19.1	21.6	18.5	15.4	14.9	29.3
PAPA019	16-Apr-13	0	20.5	22.3	19.3	17.5	15.1	36.1
PAPA019	16-Apr-13	1	23.2	24.5	22.3	20.8	18.7	37.9
PAPA019	16-Apr-13	2	23.9	25.4	23.3	22.1	20.6	38.2
PAPA019	16-Apr-13	3	27.3	29.2	26.7	25.0	23.4	34.5
PAPA019	16-Apr-13	4	28.3	29.7	28.0	26.5	24.9	36.6
PAPA019	16-Apr-13	5	27.6	29.5	26.8	25.5	23.3	43.1
PAPA019	16-Apr-13	6	27.6	29.4	26.8	25.2	22.6	37.7
PAPA019	16-Apr-13	7	23.0	24.9	22.6	20.2	18.8	29.7
PAPA019	16-Apr-13	8	25.2	25.0	21.0	19.3	17.5	43.7
PAPA019	16-Apr-13	9	23.6	26.7	21.6	17.8	16.8	37.0
PAPA019	16-Apr-13	10	23.9	27.0	21.9	18.9	17.2	36.5
PAPA019	16-Apr-13	11	18.9	20.5	17.9	16.8	15.9	36.1

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA019	16-Apr-13	12	22.2	24.7	19.2	16.6	15.5	42.0
PAPA019	16-Apr-13	13	22.2	24.4	19.1	17.3	16.0	42.8
PAPA019	16-Apr-13	14	21.3	23.2	18.8	17.2	16.3	39.6
PAPA019	16-Apr-13	15	28.3	29.7	18.4	16.3	15.5	52.2
PAPA019	16-Apr-13	16	21.4	24.6	18.1	16.7	15.6	35.8
PAPA019	16-Apr-13	17	26.8	30.2	24.7	21.1	18.1	38.0
PAPA019	16-Apr-13	18	20.0	23.1	18.4	16.6	15.7	29.6
PAPA019	16-Apr-13	19	20.0	22.2	18.9	16.7	15.9	32.5
PAPA019	16-Apr-13	20	21.2	23.0	17.6	15.9	14.9	37.0
PAPA019	16-Apr-13	21	23.4	26.0	22.0	18.3	16.0	37.0
PAPA019	16-Apr-13	22	18.4	20.1	17.1	15.6	14.9	28.9
PAPA019	16-Apr-13	23	20.8	22.7	20.3	18.0	15.8	28.6
PAPA019	17-Apr-13	0	25.5	28.9	23.6	18.3	16.7	37.4
PAPA019	17-Apr-13	1	31.8	35.3	29.4	25.3	22.8	42.5
PAPA019	17-Apr-13	2	25.4	26.8	25.1	23.8	21.6	33.5
PAPA019	17-Apr-13	3	31.6	35.3	28.9	26.0	23.0	43.1
PAPA019	17-Apr-13	4	29.2	30.4	27.8	24.7	19.2	44.4
PAPA019	17-Apr-13	5	26.2	22.5	19.9	18.0	16.2	60.1
PAPA019	17-Apr-13	6	24.0	25.4	23.7	22.4	20.6	30.9
PAPA019	17-Apr-13	7	27.4	30.0	26.1	22.3	18.5	39.3
PAPA019	17-Apr-13	8	22.2	23.9	19.6	17.5	15.6	36.8
PAPA019	17-Apr-13	9	23.1	26.1	21.3	18.2	16.5	38.5
PAPA019	17-Apr-13	10	25.5	28.2	20.8	17.4	16.1	41.0
PAPA019	08-Apr-14	12	26.3	27.5	19.5	17.3	16.1	46.0
PAPA019	08-Apr-14	13	33.9	26.2	18.9	16.6	15.8	59.3
PAPA019	08-Apr-14	14	30.1	30.6	22.7	17.9	16.2	52.4
PAPA019	08-Apr-14	15	25.4	29.0	20.5	17.0	15.8	41.8
PAPA019	08-Apr-14	16	27.5	30.5	22.8	18.0	15.9	44.9
PAPA019	08-Apr-14	17	30.4	27.9	19.8	16.5	15.4	55.0
PAPA019	08-Apr-14	18	29.0	20.9	16.3	15.6	15.3	52.7
PAPA019	08-Apr-14	19	25.4	21.5	16.2	15.6	15.1	47.3
PAPA019	08-Apr-14	20	16.7	18.3	15.9	15.0	14.8	28.0
PAPA019	08-Apr-14	21	23.9	19.8	16.5	15.5	14.9	40.9
PAPA019	08-Apr-14	22	15.2	15.7	15.0	14.7	14.6	18.8
PAPA019	08-Apr-14	23	15.6	16.4	15.4	14.9	14.6	19.3
PAPA019	09-Apr-14	0	16.7	15.2	14.8	14.7	14.5	38.7
PAPA019	09-Apr-14	1	15.0	15.0	14.8	14.7	14.5	27.2
PAPA019	09-Apr-14	2	14.9	15.4	14.8	14.6	14.5	19.4
PAPA019	09-Apr-14	3	15.5	15.7	15.0	14.7	14.5	23.9
PAPA019	09-Apr-14	4	15.0	15.1	14.9	14.8	14.6	17.8
PAPA019	09-Apr-14	5	16.2	17.4	15.7	15.1	14.9	30.1
PAPA019	09-Apr-14	6	32.7	34.8	19.2	17.2	15.9	47.9
PAPA019	09-Apr-14	7	35.9	32.7	21.9	18.3	16.5	56.1
PAPA019	09-Apr-14	8	35.1	32.5	18.2	16.8	16.1	53.6
PAPA019	09-Apr-14	9	29.1	22.2	18.3	17.1	16.3	52.2
PAPA019	09-Apr-14	10	36.7	25.6	19.7	17.6	16.5	60.1

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA019	09-Apr-14	11	28.9	32.5	20.8	17.8	16.4	45.4
PAPA019	09-Apr-14	12	37.0	40.7	32.0	23.3	17.9	52.2
PAPA019	09-Apr-14	13	33.1	36.6	28.1	21.8	17.3	50.4
PAPA019	09-Apr-14	14	36.2	40.1	32.8	25.5	19.8	51.1
PAPA019	09-Apr-14	15	36.5	40.6	32.7	23.8	18.1	51.0
PAPA019	09-Apr-14	16	33.5	37.3	30.3	23.4	18.2	47.9
PAPA019	09-Apr-14	17	35.7	39.5	32.7	25.5	19.2	50.4
PAPA019	09-Apr-14	18	34.7	38.2	29.6	22.6	17.5	54.9
PAPA019	09-Apr-14	19	23.2	26.6	18.3	15.7	15.1	38.4
PAPA019	09-Apr-14	20	21.6	23.0	17.7	16.0	15.3	37.6
PAPA019	09-Apr-14	21	18.4	17.6	15.1	14.9	14.7	37.0
PAPA019	09-Apr-14	22	27.1	27.0	15.3	14.9	14.8	51.9
PAPA019	09-Apr-14	23	16.7	17.6	16.6	15.2	14.9	26.7
PAPA019	10-Apr-14	0	33.6	37.9	27.7	17.5	15.4	48.3
PAPA019	10-Apr-14	1	27.7	31.5	21.2	18.0	15.3	44.9
PAPA019	10-Apr-14	2	17.6	19.2	17.0	15.8	15.0	28.7
PAPA019	10-Apr-14	3	17.0	16.9	15.4	14.8	14.7	33.6
PAPA019	10-Apr-14	4	16.4	16.9	15.6	14.9	14.7	28.5
PAPA019	10-Apr-14	5	28.3	17.7	15.3	14.9	14.7	54.5
PAPA019	10-Apr-14	6	29.2	30.4	22.2	18.2	16.1	50.4
PAPA019	10-Apr-14	7	41.7	29.1	21.7	17.5	15.7	67.3
PAPA019	10-Apr-14	8	29.7	26.8	18.8	17.4	16.4	52.0
PAPA019	10-Apr-14	9	34.8	33.3	18.8	17.1	16.2	55.3
PAPA019	03-Apr-15	17	22.2	25.7	18.4	14.9	14.3	37.0
PAPA019	03-Apr-15	18	24.3	25.8	20.0	16.2	14.5	47.5
PAPA019	03-Apr-15	19	21.5	24.9	17.1	14.4	13.8	35.8
PAPA019	03-Apr-15	20	28.4	32.0	24.7	15.4	13.5	45.1
PAPA019	03-Apr-15	21	22.9	27.4	16.4	13.8	13.5	38.3
PAPA019	03-Apr-15	22	27.2	29.9	23.6	15.9	13.5	56.2
PAPA019	03-Apr-15	23	22.9	26.4	17.6	13.6	13.4	38.0
PAPA019	04-Apr-15	0	16.4	18.6	13.9	13.6	13.5	35.0
PAPA019	04-Apr-15	1	16.4	14.6	13.7	13.5	13.4	40.9
PAPA019	04-Apr-15	2	14.8	14.8	14.1	13.6	13.4	30.4
PAPA019	04-Apr-15	3	15.3	17.3	14.5	14.0	13.7	20.3
PAPA019	04-Apr-15	4	16.0	16.5	15.0	14.5	14.0	34.9
PAPA019	04-Apr-15	5	15.8	16.8	15.7	14.5	14.1	21.6
PAPA019	04-Apr-15	6	29.4	32.9	28.0	18.4	14.3	39.6
PAPA019	04-Apr-15	7	32.0	34.1	28.5	21.4	16.9	51.2
PAPA019	04-Apr-15	8	26.0	27.8	20.4	17.0	15.3	48.4
PAPA019	04-Apr-15	9	20.6	21.5	18.3	16.4	15.3	46.2
PAPA019	04-Apr-15	10	32.5	28.0	17.9	15.9	15.0	57.3
PAPA019	04-Apr-15	11	36.0	25.0	19.2	16.3	15.0	71.3
PAPA019	04-Apr-15	12	22.7	21.5	17.0	15.5	14.6	50.4
PAPA019	04-Apr-15	13	23.5	24.3	17.6	15.3	14.8	53.1
PAPA019	04-Apr-15	14	32.9	36.6	23.3	16.0	14.7	53.8
PAPA019	04-Apr-15	15	38.3	41.9	34.5	26.9	20.0	54.3

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA019	04-Apr-15	16	38.5	42.4	35.4	28.7	20.5	52.1
PAPA019	04-Apr-15	17	37.4	40.9	33.8	26.2	19.5	56.0
PAPA019	04-Apr-15	18	41.5	45.1	38.1	32.0	25.8	57.2
PAPA019	04-Apr-15	19	35.0	38.7	28.8	20.4	15.3	51.5
PAPA019	04-Apr-15	20	24.6	28.0	19.5	14.2	13.6	46.2
PAPA019	04-Apr-15	21	20.7	21.8	13.7	13.6	13.4	38.3
PAPA019	04-Apr-15	22	15.3	15.7	13.8	13.6	13.5	30.8
PAPA019	04-Apr-15	23	15.0	16.5	14.0	13.6	13.4	23.9
PAPA019	05-Apr-15	0	16.4	15.7	14.6	13.8	13.6	34.1
PAPA019	05-Apr-15	1	17.8	19.8	16.4	15.1	14.4	35.2
PAPA019	05-Apr-15	2	19.1	19.9	18.2	17.0	15.9	36.4
PAPA019	05-Apr-15	3	25.3	29.7	19.2	17.0	16.0	41.2
PAPA019	05-Apr-15	4	22.9	25.9	20.3	16.9	15.6	40.9
PAPA019	05-Apr-15	5	30.7	34.5	28.7	21.5	15.5	40.2
PAPA019	05-Apr-15	6	34.1	36.6	32.9	28.6	21.0	48.2
PAPA019	05-Apr-15	7	30.9	33.6	28.5	24.0	18.8	47.1
PAPA019	05-Apr-15	8	32.1	31.4	19.9	17.2	16.1	60.6
PAPA019	05-Apr-15	9	29.1	26.2	18.5	16.4	15.4	49.8
PAPA019	05-Apr-15	10	27.4	27.8	18.2	15.7	14.7	52.3
PAPA019	05-Apr-15	11	23.5	25.9	18.3	15.9	14.7	43.9
PAPA019	05-Apr-15	12	30.8	32.7	23.6	17.7	15.0	50.5
PAPA019	05-Apr-15	13	40.9	44.5	36.7	27.8	20.6	58.1
PAPA019	05-Apr-15	14	38.8	42.6	34.8	26.4	19.9	57.6
PAPA019	05-Apr-15	15	43.1	46.7	39.6	32.3	22.9	59.7
PAPA019	05-Apr-15	16	43.8	47.6	39.7	32.4	24.7	59.0
PAPA019	05-Apr-15	17	39.3	42.8	35.6	28.1	21.1	55.4
PAPA019	05-Apr-15	18	30.3	33.8	26.5	19.5	15.3	48.2
PAPA019	05-Apr-15	19	23.9	26.5	20.3	16.8	15.2	46.8
PAPA019	05-Apr-15	20	24.2	28.1	21.2	16.4	15.0	38.9
PAPA019	05-Apr-15	21	16.1	16.6	15.3	14.6	14.2	26.9
PAPA019	05-Apr-15	22	19.1	18.6	15.4	14.6	14.2	35.1
PAPA019	05-Apr-15	23	17.0	18.4	16.2	15.4	14.6	27.8
PAPA019	06-Apr-15	0	26.3	29.5	21.0	18.0	16.0	46.3
PAPA019	06-Apr-15	1	26.6	30.3	24.1	19.6	16.9	38.8
PAPA019	06-Apr-15	2	23.1	24.5	19.5	17.9	16.5	39.8
PAPA019	06-Apr-15	3	24.8	28.8	19.4	15.8	14.0	40.4
PAPA019	06-Apr-15	4	20.6	24.0	16.1	14.3	13.7	40.0
PAPA019	06-Apr-15	5	27.9	31.7	25.2	16.5	13.7	41.5
PAPA019	06-Apr-15	6	33.3	36.8	31.3	24.6	17.6	49.0
PAPA019	06-Apr-15	7	28.8	32.3	25.2	20.3	16.1	46.1
PAPA019	06-Apr-15	8	26.6	30.0	21.3	17.9	16.2	43.2
PAPA019	06-Apr-15	9	25.6	24.5	20.2	18.2	16.6	44.8
PAPA019	06-Apr-15	10	22.5	21.0	16.8	15.9	15.3	47.2
PAPA019	06-Apr-15	11	21.7	24.5	18.5	16.3	15.2	41.3
PAPA019	06-Apr-15	12	29.8	30.7	22.4	16.6	14.9	60.9
PAPA019	06-Apr-15	13	37.1	41.2	32.6	23.3	16.4	54.1

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA019	06-Apr-15	14	38.0	41.8	34.1	27.6	20.3	54.2
PAPA019	06-Apr-15	15	37.7	41.5	33.3	25.7	18.5	53.2
PAPA019	06-Apr-15	16	40.9	44.3	38.2	32.5	25.4	55.4
PAPA019	06-Apr-15	17	39.9	43.6	36.9	30.1	23.7	53.4
PAPA019	06-Apr-15	18	38.3	42.1	35.4	29.2	23.1	53.2
PAPA019	06-Apr-15	19	37.5	41.1	34.8	28.3	23.1	54.0
PAPA019	06-Apr-15	20	36.8	40.6	33.4	26.1	20.1	51.2
PAPA019	06-Apr-15	21	24.2	27.4	20.3	18.1	16.8	38.7
PAPA019	06-Apr-15	22	21.7	23.7	19.8	16.7	15.3	36.6
PAPA019	06-Apr-15	23	17.3	19.4	15.7	14.7	14.3	29.8
PAPA019	07-Apr-15	0	18.2	20.6	17.1	14.8	14.1	29.4
PAPA019	07-Apr-15	1	22.7	23.8	22.4	21.3	19.8	34.7
PAPA019	07-Apr-15	2	24.0	25.9	23.4	21.7	20.2	34.0
PAPA019	07-Apr-15	3	21.8	23.1	21.5	20.1	18.4	28.2
PAPA019	07-Apr-15	4	21.9	23.0	21.6	20.5	19.2	35.0
PAPA019	07-Apr-15	5	25.6	29.1	22.6	20.7	19.1	38.0
PAPA019	07-Apr-15	6	35.8	40.6	31.6	26.2	17.8	49.1
PAPA019	07-Apr-15	7	29.9	34.8	18.0	14.9	14.3	45.6
PAPA019	07-Apr-15	8	53.3	49.6	17.0	14.8	14.2	68.9
PAPA019	07-Apr-15	9	21.1	23.3	16.9	15.5	14.5	37.3
PAPA019	07-Apr-15	10	30.6	24.8	17.6	15.5	14.8	54.3
PAPA019	07-Apr-15	11	26.8	23.6	20.4	18.7	16.7	47.6
PAPA019	07-Apr-15	12	23.9	25.5	22.2	20.2	17.9	46.1
PAPA019	07-Apr-15	13	22.2	22.9	18.9	17.5	16.5	41.6
PAPA019	07-Apr-15	14	26.9	28.0	18.7	16.8	15.8	46.7
PAPA019	07-Apr-15	15	24.3	25.7	18.0	15.9	15.0	43.8
PAPA019	07-Apr-15	16	39.3	39.0	23.3	16.1	14.9	64.3
PAPA019	07-Apr-15	17	31.3	34.7	27.9	23.8	20.9	49.6
PAPA019	07-Apr-15	18	30.9	30.4	21.0	18.2	15.5	52.2
PAPA019	07-Apr-15	19	25.1	26.1	18.3	16.5	15.4	46.3
PAPA019	07-Apr-15	20	29.0	27.9	20.9	17.3	15.7	50.4
PAPA019	07-Apr-15	21	23.7	18.3	15.6	14.5	14.1	45.9
PAPA019	07-Apr-15	22	18.0	17.3	15.0	14.4	14.0	34.7
PAPA019	07-Apr-15	23	19.5	20.0	18.5	17.3	16.1	33.7
PAPA019	08-Apr-15	0	23.5	21.6	18.8	17.3	15.9	44.4
PAPA019	08-Apr-15	1	18.4	20.5	17.8	15.7	15.1	26.5
PAPA019	08-Apr-15	2	17.2	18.5	16.8	15.2	14.2	26.3
PAPA019	08-Apr-15	3	18.6	20.4	17.8	16.2	15.3	35.8
PAPA019	08-Apr-15	4	16.7	16.6	15.2	14.5	14.1	35.2
PAPA019	08-Apr-15	5	21.5	25.2	17.4	15.1	14.0	34.0
PAPA019	08-Apr-15	6	29.4	32.5	28.3	22.5	14.2	44.6
PAPA019	08-Apr-15	7	28.7	31.7	24.9	20.0	16.6	51.1
PAPA019	08-Apr-15	8	27.9	30.0	23.0	21.1	18.8	50.3
PAPA019	08-Apr-15	9	27.6	26.6	20.4	18.2	16.0	53.0
PAPA019	08-Apr-15	10	25.8	29.4	18.3	15.8	14.4	44.9
PAPA019	08-Apr-15	11	19.4	19.9	15.3	14.3	14.0	43.6

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA019	08-Apr-15	12	20.9	22.5	16.3	14.6	14.3	46.1
PAPA019	08-Apr-15	13	25.3	29.0	19.2	15.2	14.6	47.5
PAPA019	08-Apr-15	14	28.2	32.1	24.6	18.2	14.7	41.6
PAPA019	08-Apr-15	15	26.2	29.7	21.5	15.3	14.1	44.1
PAPA019	08-Apr-15	16	31.5	34.2	27.0	20.3	15.3	54.1
PAPA019	08-Apr-15	17	39.5	44.1	32.1	21.8	17.2	55.3
PAPA019	08-Apr-15	18	29.8	34.7	21.0	18.0	16.5	44.9
PAPA019	08-Apr-15	19	22.4	26.0	18.3	16.3	15.3	36.5
PAPA019	08-Apr-15	20	26.0	29.6	22.8	17.8	15.7	43.9
PAPA019	08-Apr-15	21	23.8	24.8	20.4	17.7	15.4	39.5
PAPA019	08-Apr-15	22	18.4	20.2	17.9	15.9	15.0	29.2
PAPA019	08-Apr-15	23	19.4	20.2	18.3	17.3	16.1	35.6
PAPA019	09-Apr-15	0	24.3	20.6	18.8	17.3	16.3	44.0
PAPA019	09-Apr-15	1	22.9	24.7	18.6	16.4	15.4	40.4
PAPA019	09-Apr-15	2	17.4	18.6	17.2	16.2	15.6	22.4
PAPA019	09-Apr-15	3	19.0	21.7	15.9	14.9	14.4	32.3
PAPA019	09-Apr-15	4	20.0	23.6	16.6	15.1	14.2	35.2
PAPA019	09-Apr-15	5	19.2	19.4	16.9	15.5	14.7	43.9
PAPA019	09-Apr-15	6	28.8	32.2	27.0	21.5	16.0	40.3
PAPA019	09-Apr-15	7	35.1	40.1	28.7	20.4	16.5	58.7
PAPA019	09-Apr-15	8	22.7	24.6	18.2	15.3	14.0	40.9
PAPA019	09-Apr-15	9	31.0	24.2	16.3	14.7	14.0	56.1
PAPA019	09-Apr-15	10	27.9	21.3	15.5	14.4	14.1	61.6
PAPA019	09-Apr-15	11	32.3	30.5	17.5	14.9	14.4	56.9
PAPA019	09-Apr-15	12	19.6	22.6	16.5	14.8	14.2	36.0
PAPA019	09-Apr-15	13	32.8	22.6	16.5	14.8	14.4	64.3
PAPA019	09-Apr-15	14	30.9	33.9	18.5	15.3	14.6	55.0
PAPA019	09-Apr-15	15	34.1	23.9	16.8	14.8	14.3	61.7
PAPA019	09-Apr-15	16	24.0	27.2	20.1	15.7	14.1	38.0
PAPA019	09-Apr-15	17	22.5	25.3	21.1	18.3	17.1	37.3
PAPA019	09-Apr-15	18	20.7	22.2	17.0	15.4	14.6	43.9
PAPA019	09-Apr-15	19	28.7	33.0	23.2	15.7	14.3	42.8
PAPA019	09-Apr-15	20	25.0	25.2	18.9	15.1	14.0	45.5
PAPA019	09-Apr-15	21	19.3	14.9	14.1	13.8	13.6	47.5
PAPA019	09-Apr-15	22	18.4	18.0	14.3	13.7	13.6	34.6
PAPA019	09-Apr-15	23	19.1	18.4	14.6	13.9	13.6	36.4
PAPA019	10-Apr-15	0	16.0	17.6	15.6	14.3	13.7	20.3
PAPA019	10-Apr-15	1	16.7	17.9	16.4	15.6	15.1	21.0
PAPA019	10-Apr-15	2	17.9	19.6	17.5	16.2	15.3	22.7
PAPA019	10-Apr-15	3	23.2	26.2	21.1	15.5	14.4	38.1
PAPA019	10-Apr-15	4	17.3	17.4	14.7	14.2	13.7	32.6
PAPA019	10-Apr-15	5	25.2	29.4	21.8	14.9	13.8	37.4
PAPA019	10-Apr-15	6	27.8	31.3	25.4	19.8	16.3	47.7
PAPA019	10-Apr-15	7	28.9	28.1	23.4	19.6	16.0	48.2
PAPA019	10-Apr-15	8	27.4	27.7	22.4	20.2	18.4	56.1
PAPA019	10-Apr-15	9	31.8	26.5	20.4	18.3	16.9	55.9

Appendix A. Hourly dBA Metrics, PAPA Leks, April 2013-2015.								
SiteName	Date	Hour	Leq	L10	L50	L90	LMin	LMax
PAPA019	10-Apr-15	10	35.6	24.6	19.3	16.9	15.1	70.0
PAPA019	10-Apr-15	11	47.0	29.1	17.7	15.2	14.3	72.9

Appendix B. Credentials of Authors

The three authors of this report have over 75 years combined experience working in the field of acoustics, sound level measurements, and assessing impacts on wildlife resources. All three were involved in initial measurements National Parks in an effort to determine existing ambient and baseline ambient sound levels in order to assess impacts of anthropogenic sounds on resources. This work involved sound level measurements in remote places with little human activity for long periods of time, and consequently very, very low sound levels. This work required development of new tools and techniques, many of which were pioneered by the authors. In total, these three individuals have collected data at over 250 locations throughout North America.

Skip Ambrose
Clemson University, B.S., 1969
Mr. Ambrose worked for the Fish and Wildlife Service in Alaska for 28 years as head of the Endangered Species Program in Fairbanks, AK. Much of this work involved assessing and protecting listed species from human impacts, including impacts from anthropogenic sounds. In 2001, Mr. Ambrose began working for the National Park Service to development the Acoustic Division of the Natural Sounds Program. The work involved developing new tools and techniques to study sound levels in very remote and very quiet places, and working with acousticians from other federal, state, and private organizations. In 2005, Mr. Ambrose retired from the National Park Service and co-founded Sandhill Company, a consulting firm specializing in avian and acoustic studies. Mr. Ambrose has participated in over 50 sound level measurement studies throughout North America, and has authored over 30 reports on sound level measurements in national parks and other rural and remote locations.

Christine Florian
Northern Arizona University, B.S., 1994.
Beginning in 1993, Ms. Florian worked for the National Park Service in Arizona surveying and studying wildlife resources in northern Arizona parks, primary avian species. In 1997, she began working in Alaska conducting avian and acoustic surveys in national parks in interior Alaska. In 2001, Ms. Florian started working for the National Park Service's new Natural Sounds Program, and participated in equipment and software development for sound level measurements and acoustic studies in National Parks throughout North America. She retired from the National Park Service in 2005 and co-founded Sandhill Company, a consulting firm specializing in avian and acoustic studies. Ms. Florian has participated in over 50 sound level studies throughout North America, and co-authored over 25 reports on this work.

John MacDonald
General Motors Engineering and Management Institute, B.S. Electrical Engineering, 1990
University of Central Florida, Master of Science, Environmental Engineering, 1996
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Dr. MacDonald has been performing engineering tests and analyzing engineering data since 1986 when he worked as an engineer at General Motors in Flint, Michigan. He began performing environmental noise measurements in 1995 and has conducted environmental noise and vibration studies since that time. Dr. MacDonald developed the "Community Noise Model" that was in use at one time in 35 different countries. The CNM was a PC based simulation program that predicted sound levels at residential receivers from common sources of environmental noise such as automobiles, aircraft, rail operations, and point sources of sound such as HVAC, generators, exhaust ports, etc. Dr. MacDonald has conducted long term environmental sound surveys in 40 National Parks and has developed numerous custom software methods to analyze environmental acoustic data. He is a computer modeling expert, a programmer and has developed custom data acquisition systems for his engineering work.