

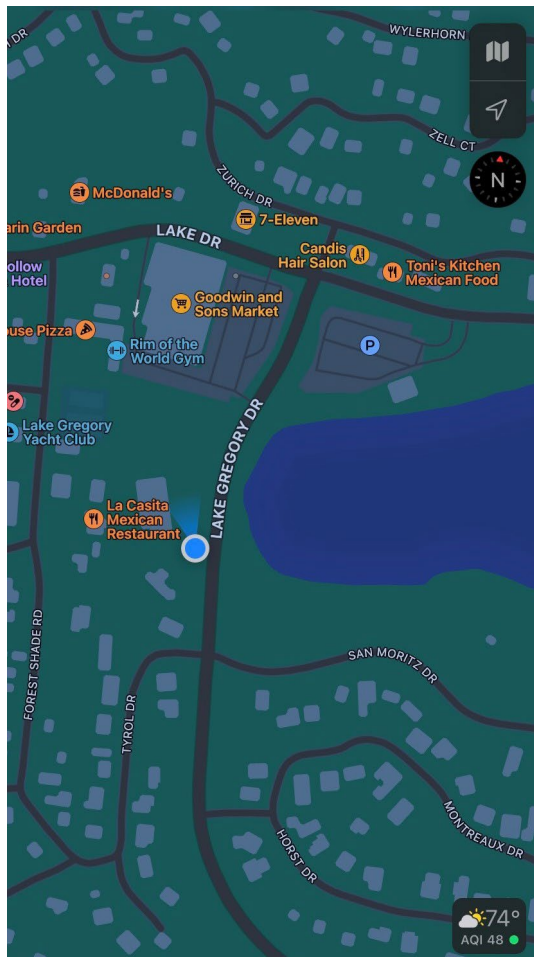
**Lake Gregory Regional Park Sitewide Sediment Management Project
Initial Study / Mitigated Negative Declaration**

Appendix G – Noise Data

Site Number: NM-1		
Recorded By: Darshan Shivaiah, Dennis Dinh		
Job Number: 195651		
Date: 10/17/2023		
Time: 10:39 a.m.		
Location: In front of Crestline Branch San Bernardino County Library		
Source of Ambient Noise: Traffic along Lake Gregory Drive		
Source of Peak Noise: Traffic along Lake Gregory Drive		
Noise Data		
L_{eq} (dB)	L_{max}(dB)	L_{min} (dB)
61.7	75.6	41.3

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	06/04/2023	
	Microphone	Brüel & Kjær	4189	3086765	06/04/2023	
	Preamp	Brüel & Kjær	ZC 0032	25380	06/04/2023	
	Calibrator	Brüel & Kjær	4231	2545667	06/04/2023	
Weather Data						
Est.	Duration: 10 minutes			Sky: Sunny		
	Note: dBA Offset = 0.00			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	2 mph		75		29.91	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		10/17/2023 10:39:49
End Time:		10/17/2023 10:49:49
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.10

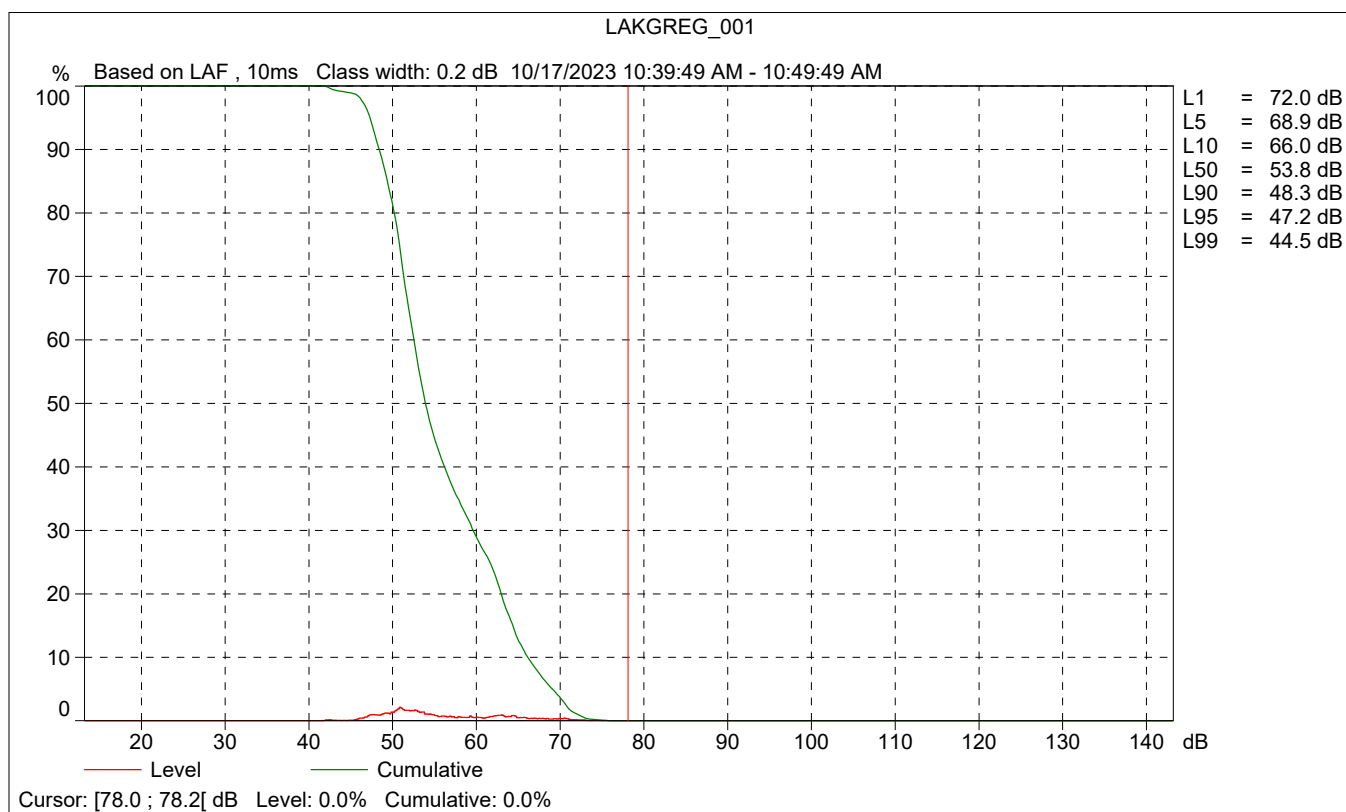
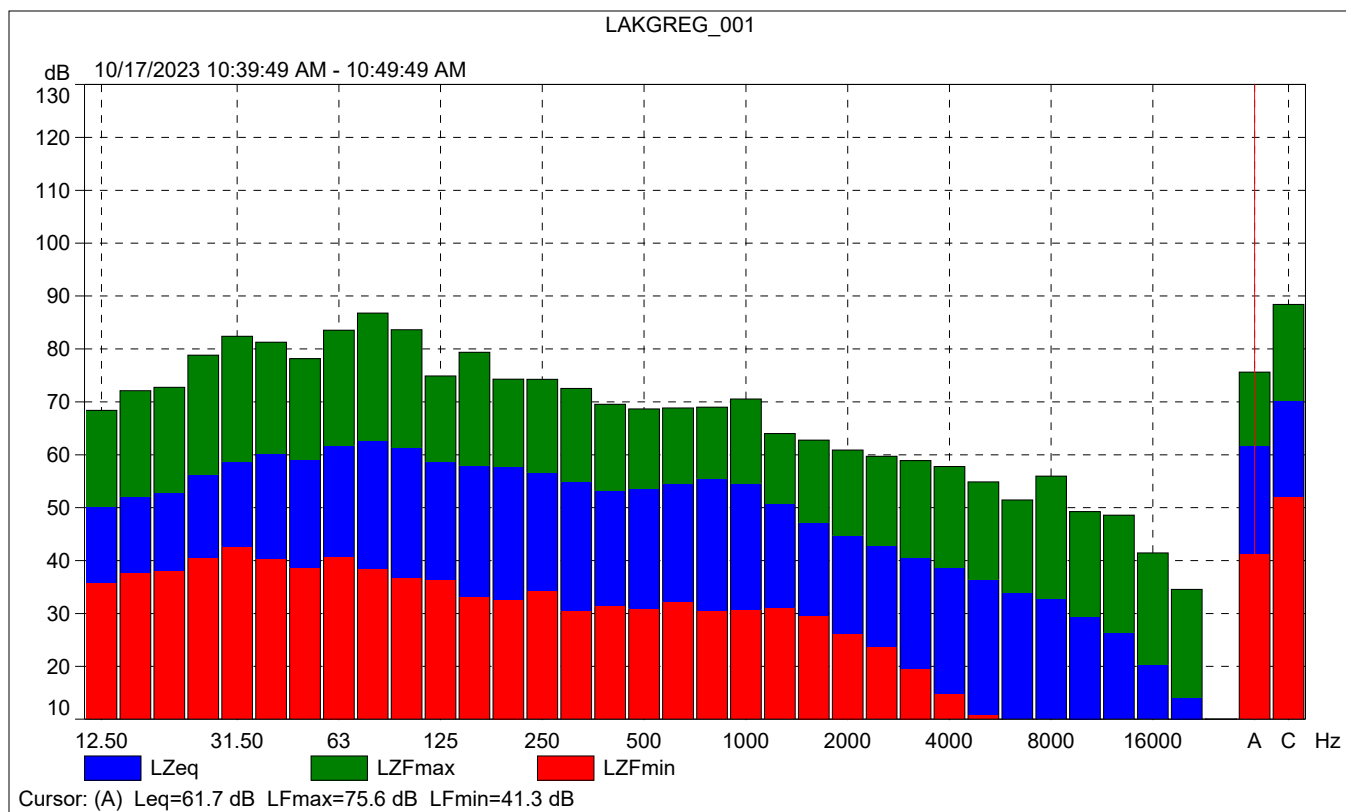
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

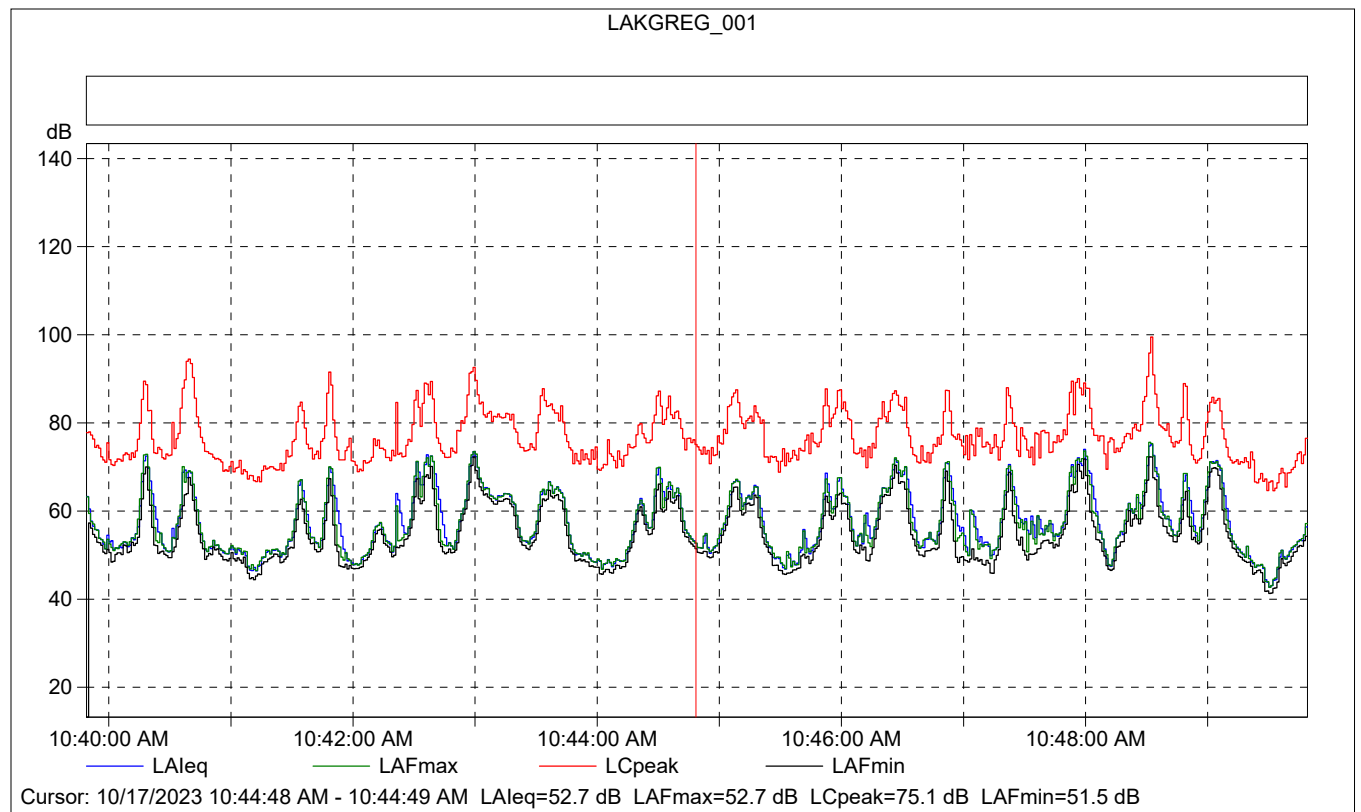
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		10/17/2023 10:39:03
Calibration Type:		External reference
Sensitivity:		43.7134429812431 mV/Pa

LAKGREG_001

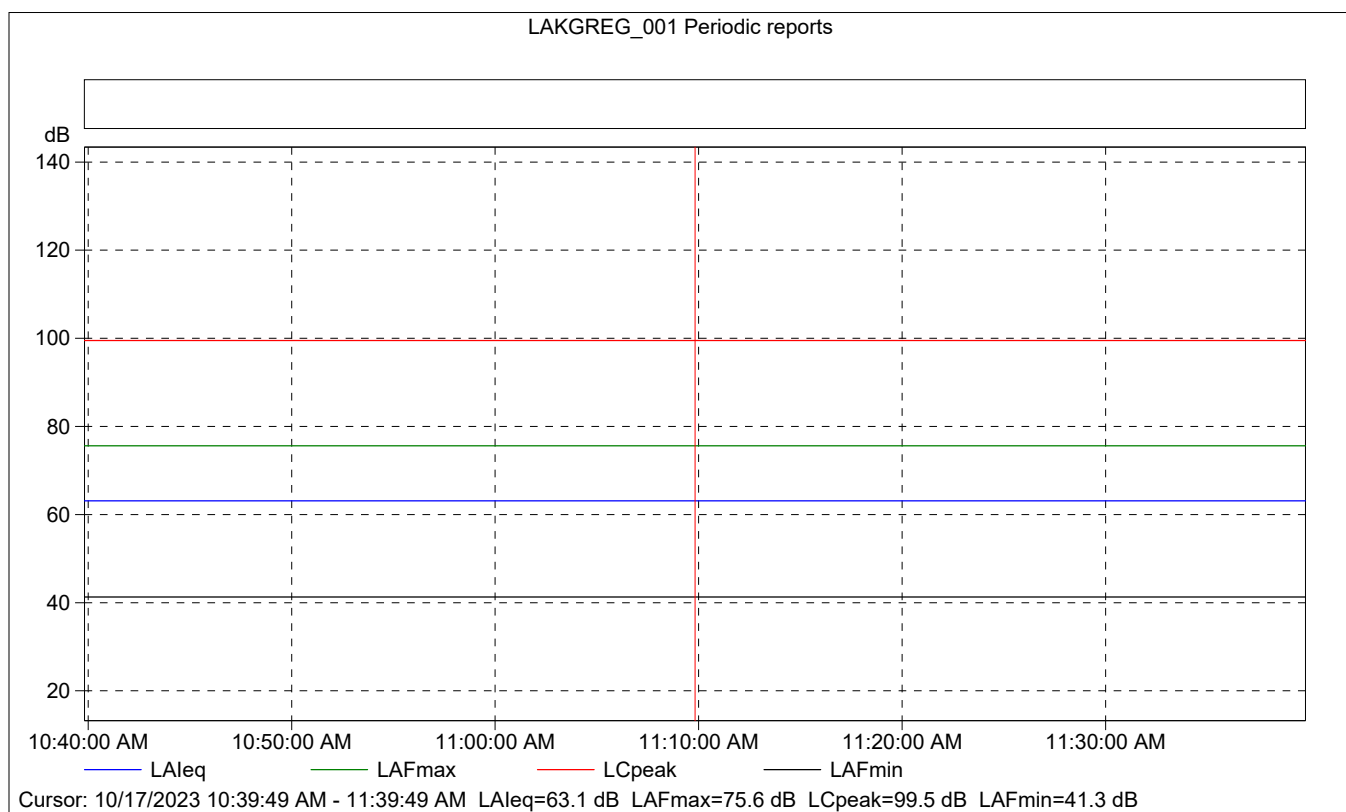
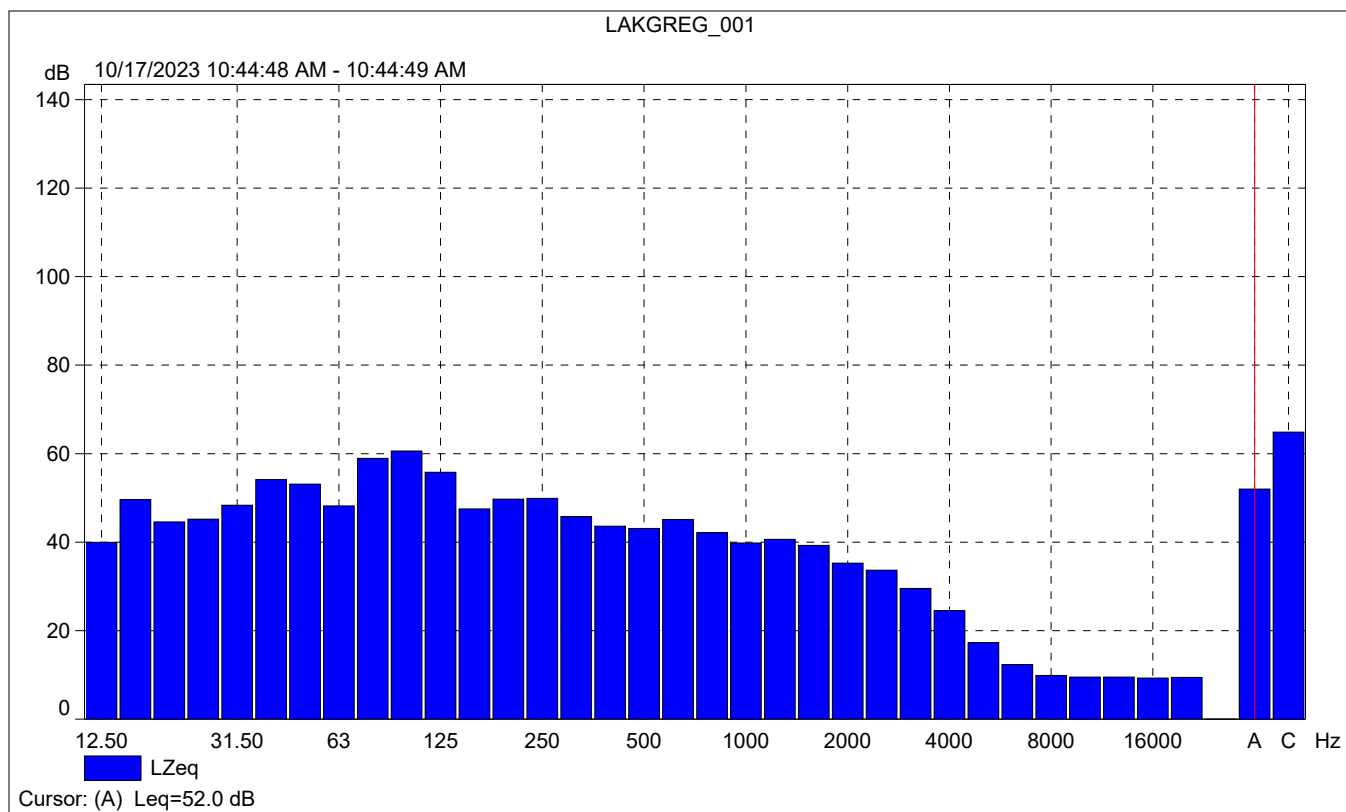
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	61.7	75.6	41.3
Time	10:39:49 AM	10:49:49 AM	0:10:00				
Date	10/17/2023	10/17/2023					





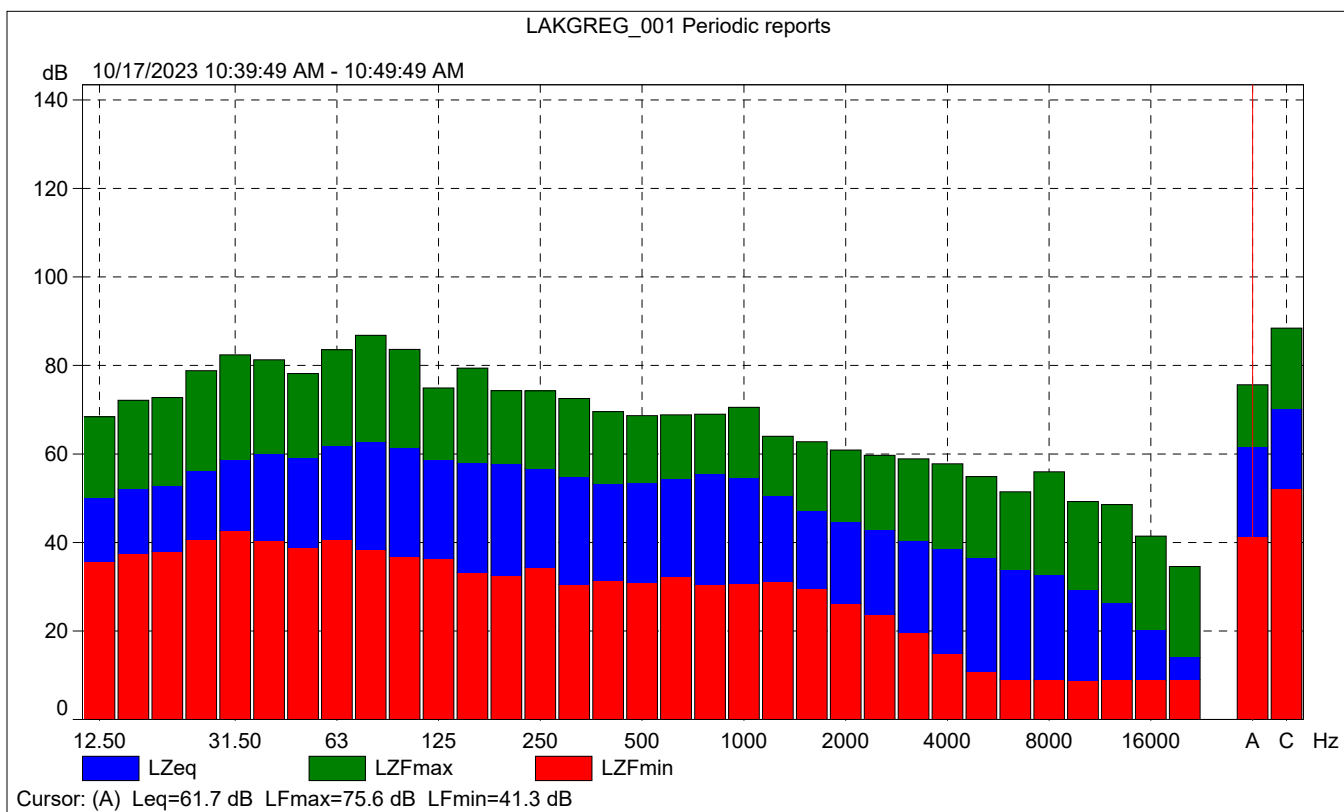
LAKGREG_001

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	52.7	52.7	51.5
Time	10:44:48 AM	0:00:01				
Date	10/17/2023					

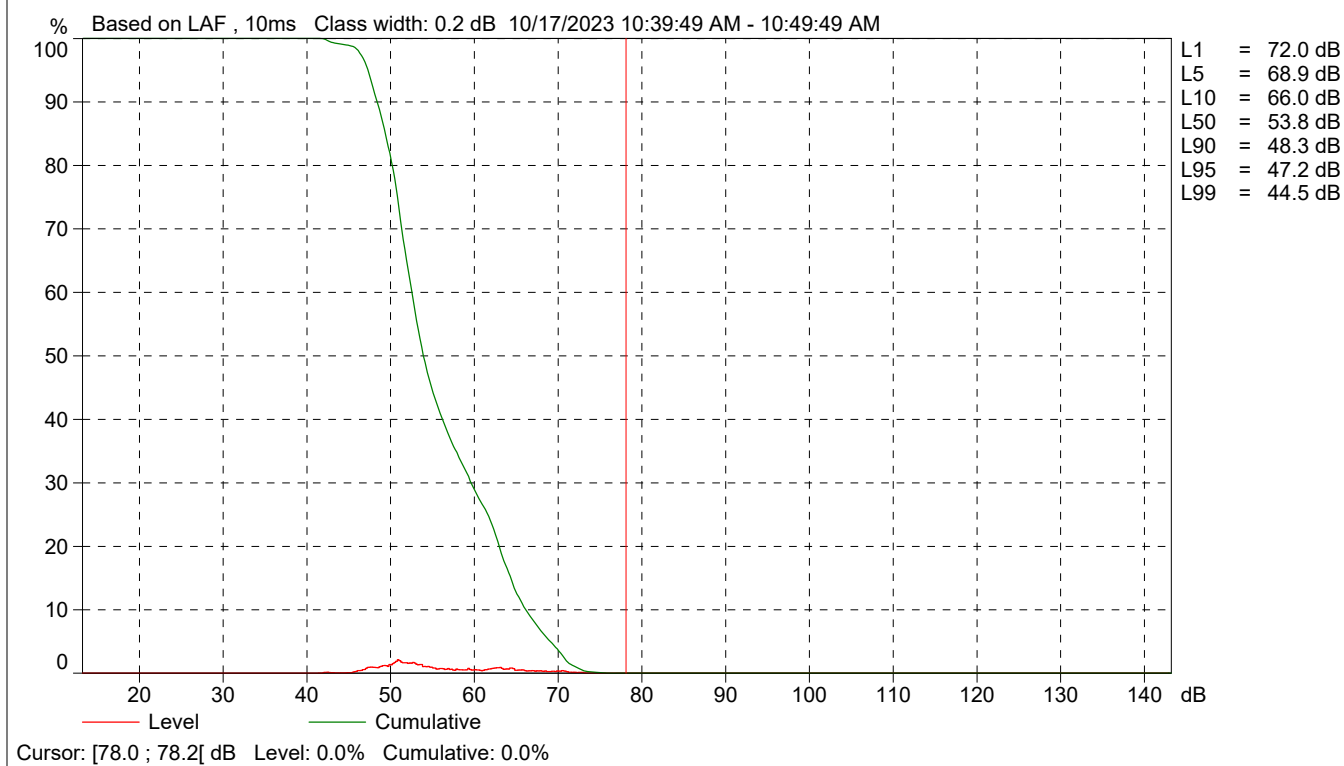


LAKGREG_001 Periodic reports

	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	63.1	75.6	41.3
Time	10:39:49 AM	0:10:00				
Date	10/17/2023					



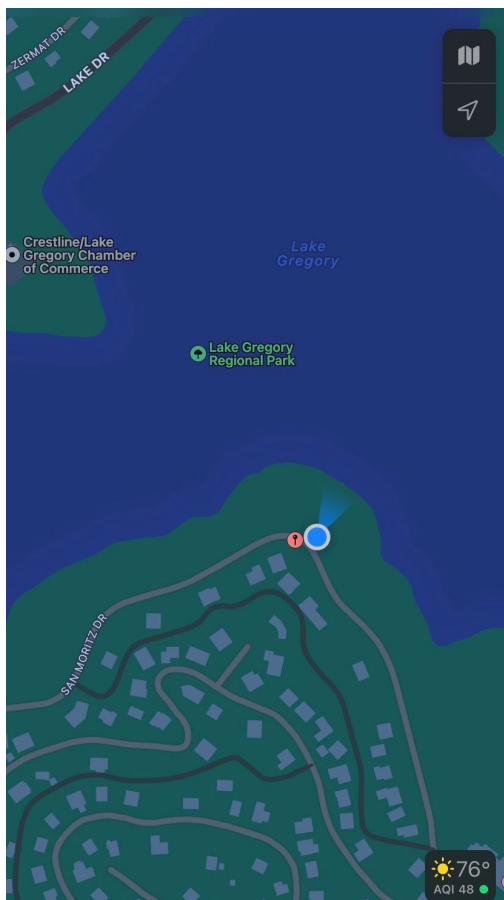
LAKGREG_001 Periodic reports



Site Number: NM-2		
Recorded By: Darshan Shivaiah, Dennis Dinh		
Job Number: 195651		
Date: 10/17/2023		
Time: 10:58 a.m.		
Location: Across the street from 24539 San Moritz Drive		
Source of Ambient Noise: Traffic along San Moritz Drive		
Source of Peak Noise: Traffic along San Moritz Drive		
Noise Data		
L_{eq} (dB)	L_{max}(dB)	L_{min} (dB)
60.5	83.4	34.8

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	06/04/2023	
	Microphone	Brüel & Kjær	4189	3086765	06/04/2023	
	Preamp	Brüel & Kjær	ZC 0032	25380	06/04/2023	
	Calibrator	Brüel & Kjær	4231	2545667	06/04/2023	
Weather Data						
Est.	Duration: 10 minutes			Sky: Sunny		
	Note: dBA Offset = 0.00			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	2 mph		75		29.91	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		10/17/2023 10:58:35
End Time:		10/17/2023 11:08:35
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.10

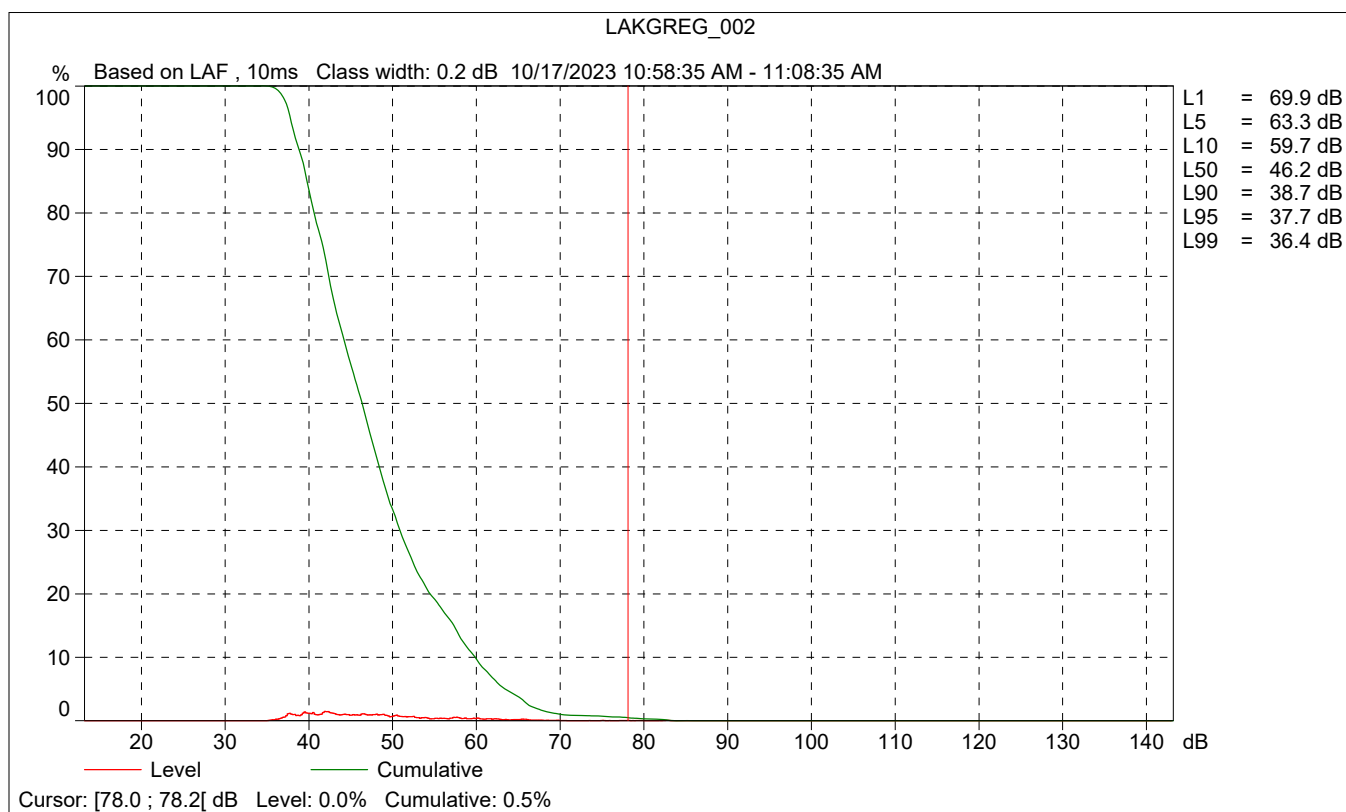
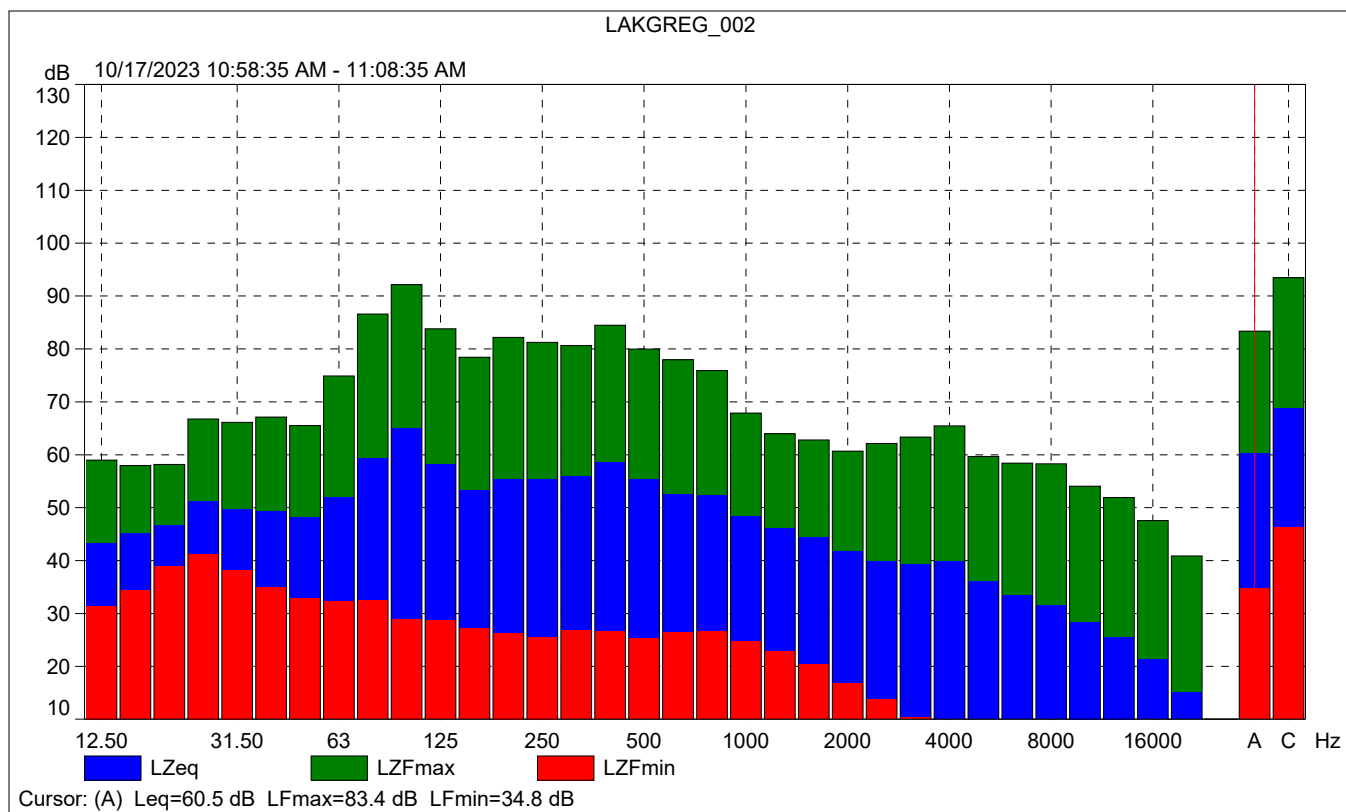
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

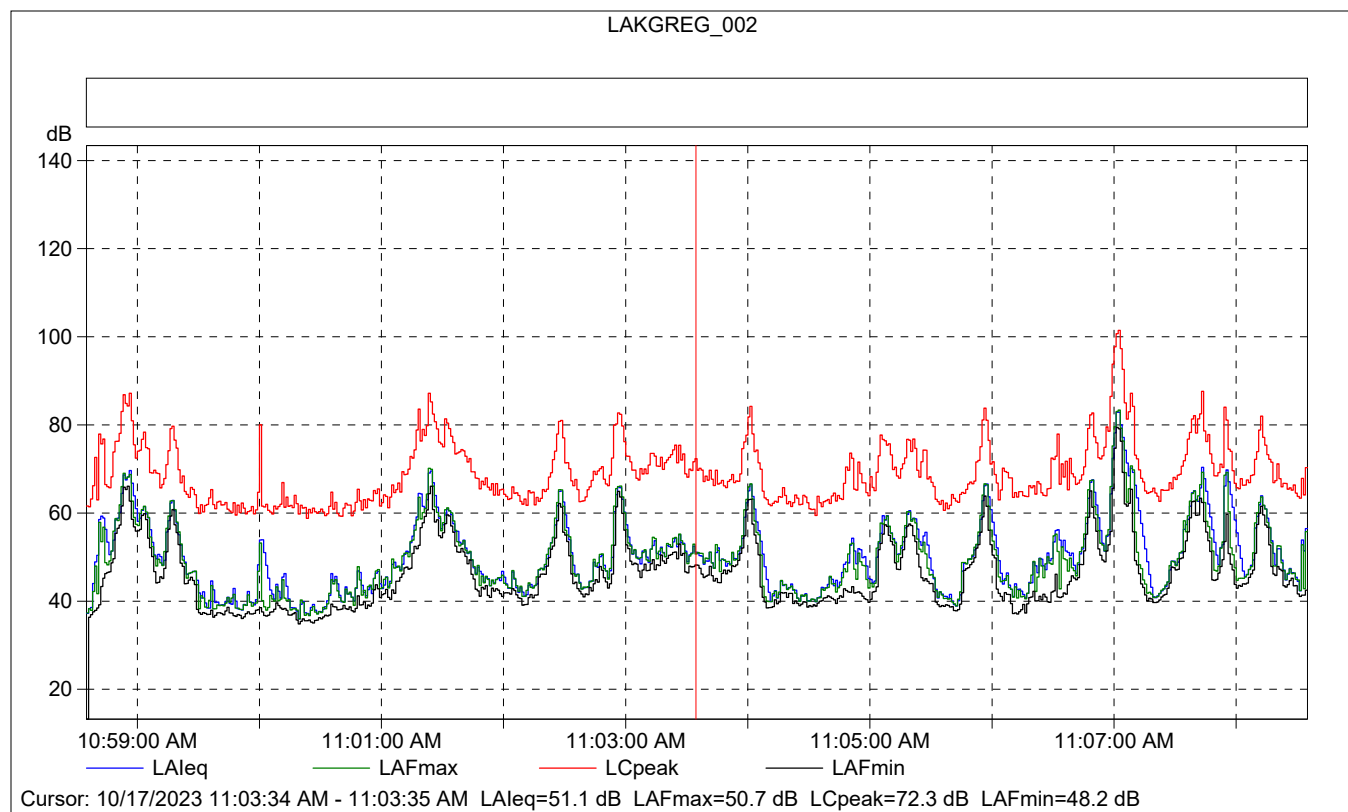
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		10/17/2023 10:39:03
Calibration Type:		External reference
Sensitivity:		43.7134429812431 mV/Pa

LAKGREG_002

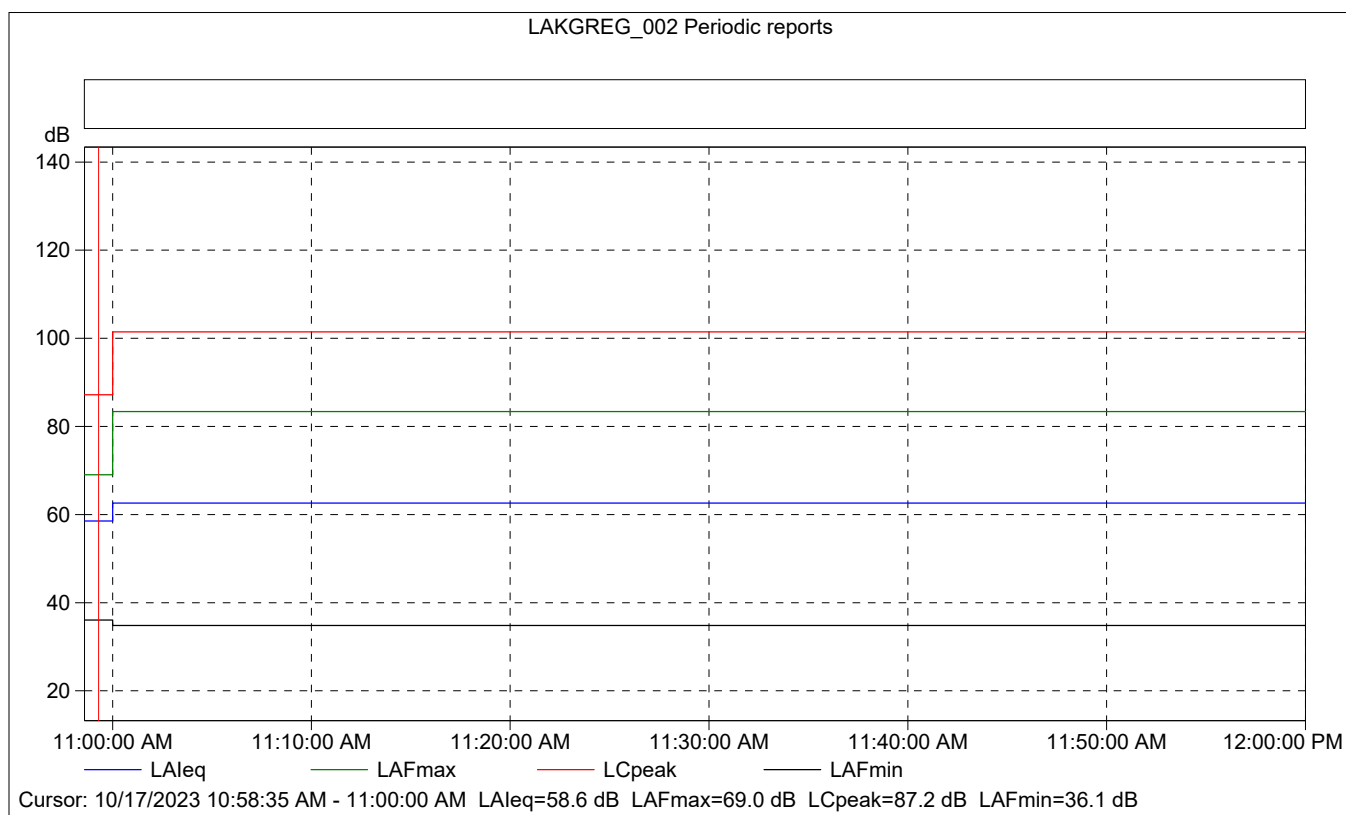
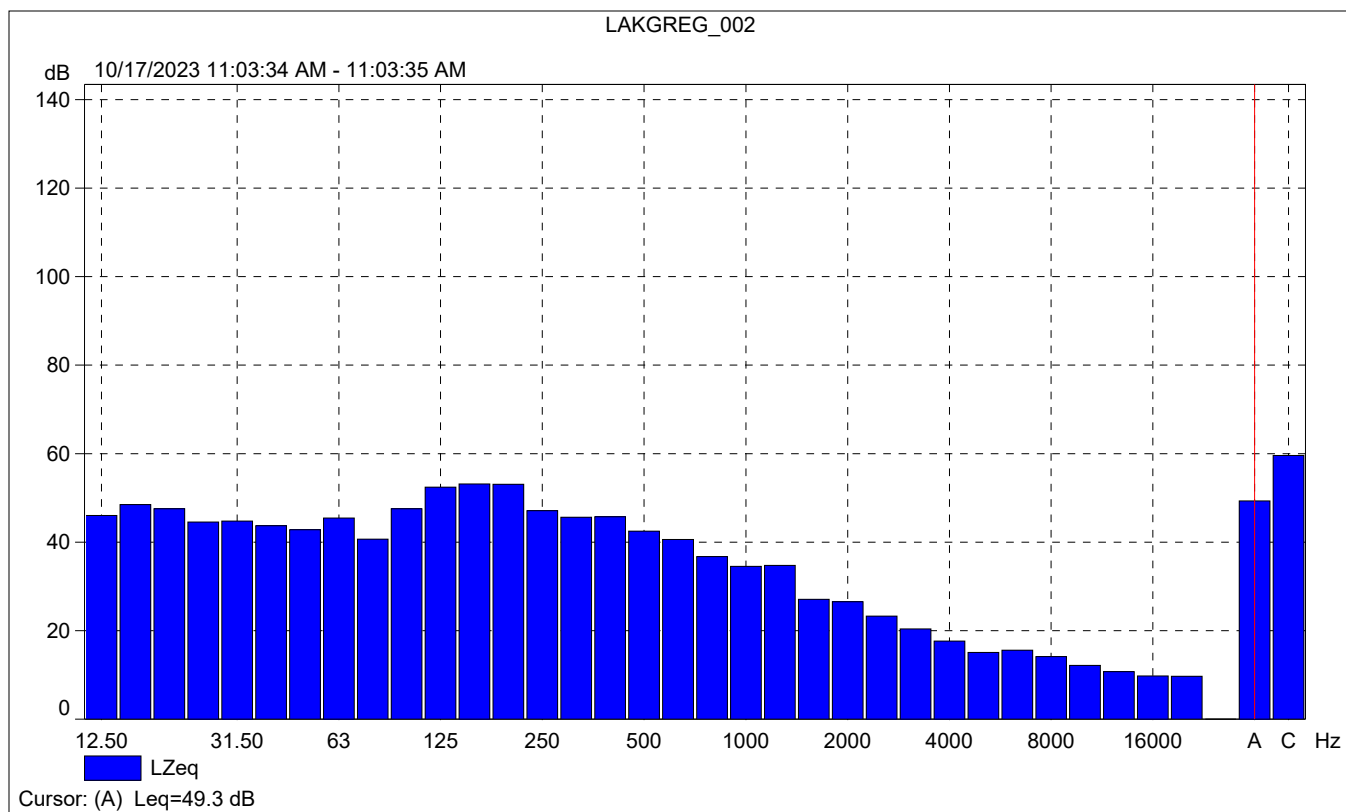
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	60.5	83.4	34.8
Time	10:58:35 AM	11:08:35 AM	0:10:00				
Date	10/17/2023	10/17/2023					





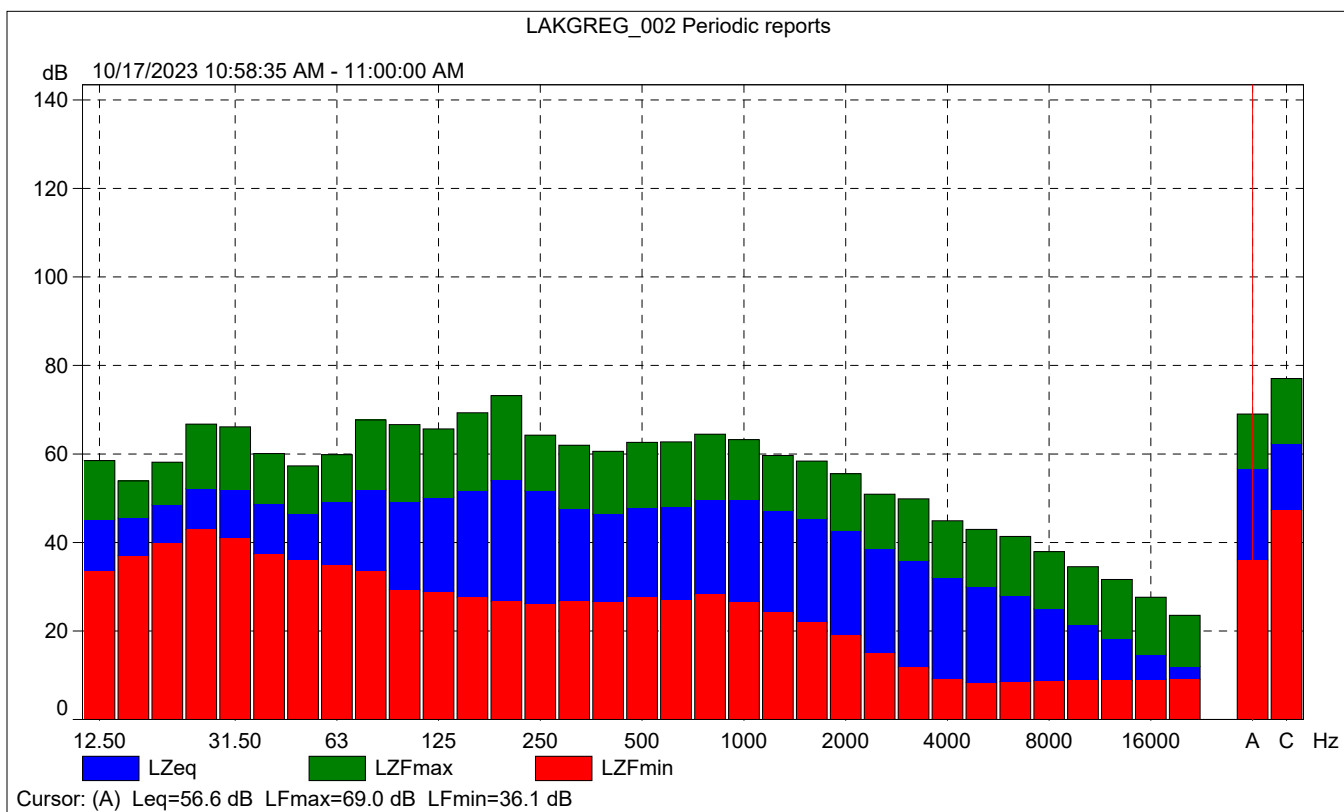
LAKGREG_002

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	51.1	50.7	48.2
Time	11:03:34 AM	0:00:01				
Date	10/17/2023					

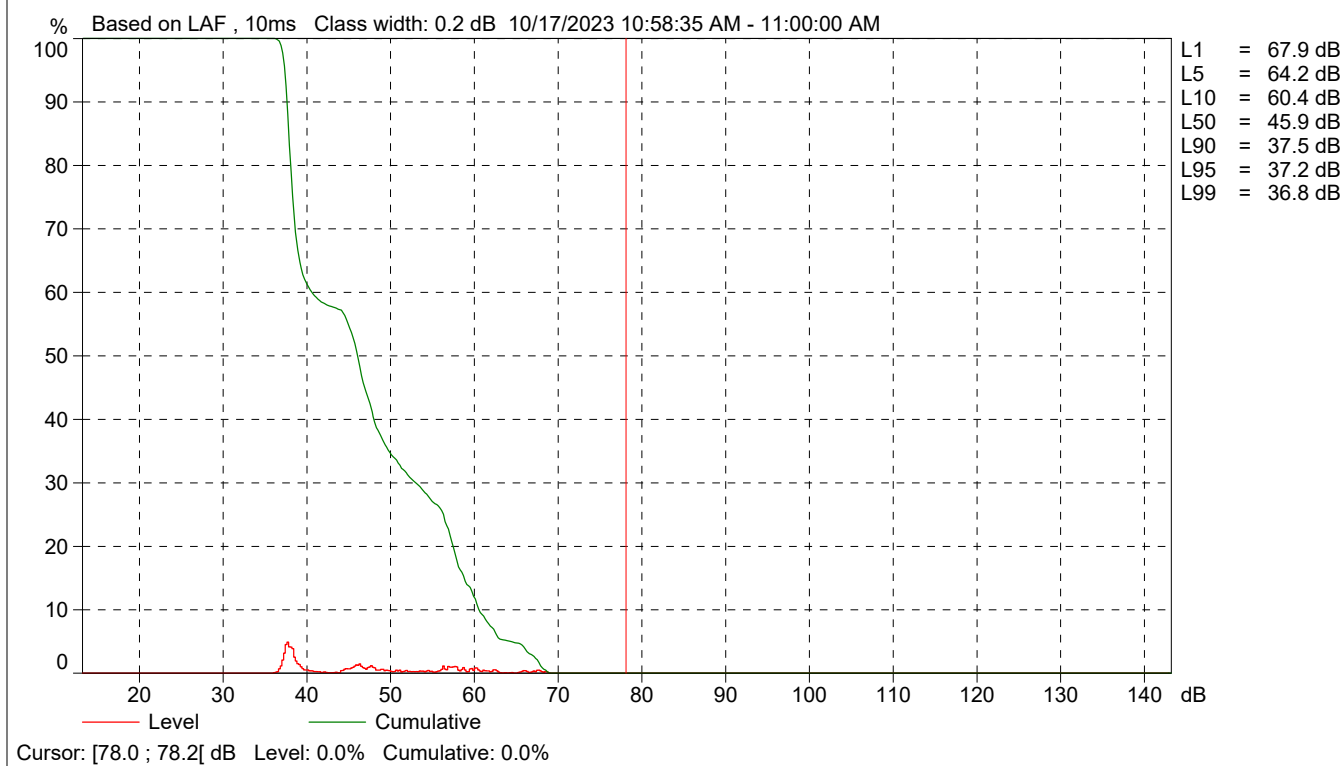


LAKGREG_002 Periodic reports

	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	58.6	69.0	36.1
Time	10:58:35 AM	0:01:25				
Date	10/17/2023					



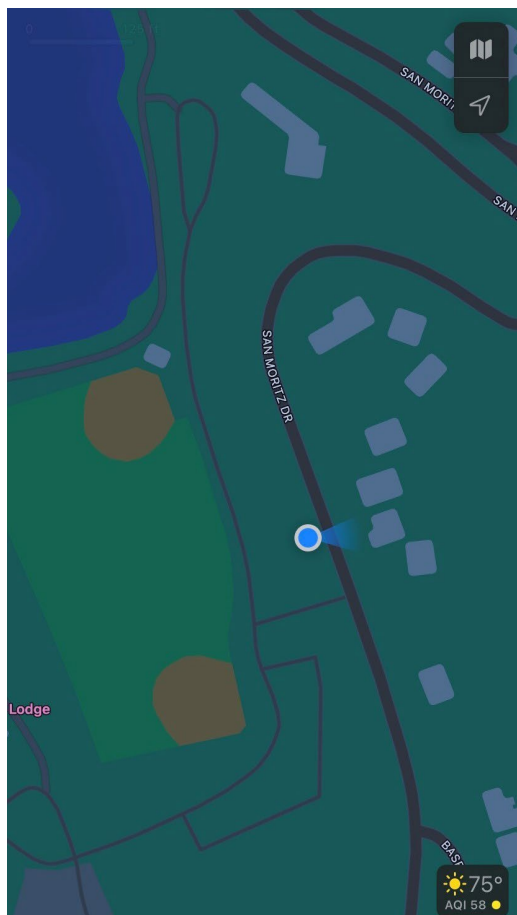
LAKGREG_002 Periodic reports



Site Number: NM-3		
Recorded By: Darshan Shivaiah, Dennis Dinh		
Job Number: 195651		
Date: 10/17/2023		
Time: 11:15 a.m.		
Location: Across the street from 24645 San Moritz Drive		
Source of Ambient Noise: Traffic along San Moritz Drive		
Source of Peak Noise: Traffic along San Moritz Drive		
Noise Data		
L_{eq} (dB)	L_{max}(dB)	L_{min} (dB)
55.2	76.6	32.5

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	06/04/2023	
	Microphone	Brüel & Kjær	4189	3086765	06/04/2023	
	Preamp	Brüel & Kjær	ZC 0032	25380	06/04/2023	
	Calibrator	Brüel & Kjær	4231	2545667	06/04/2023	
Weather Data						
Est.	Duration: 10 minutes			Sky: Sunny		
	Note: dBA Offset = 0.00			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	2 mph		75		29.91	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		10/17/2023 11:15:18
End Time:		10/17/2023 11:25:18
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.10

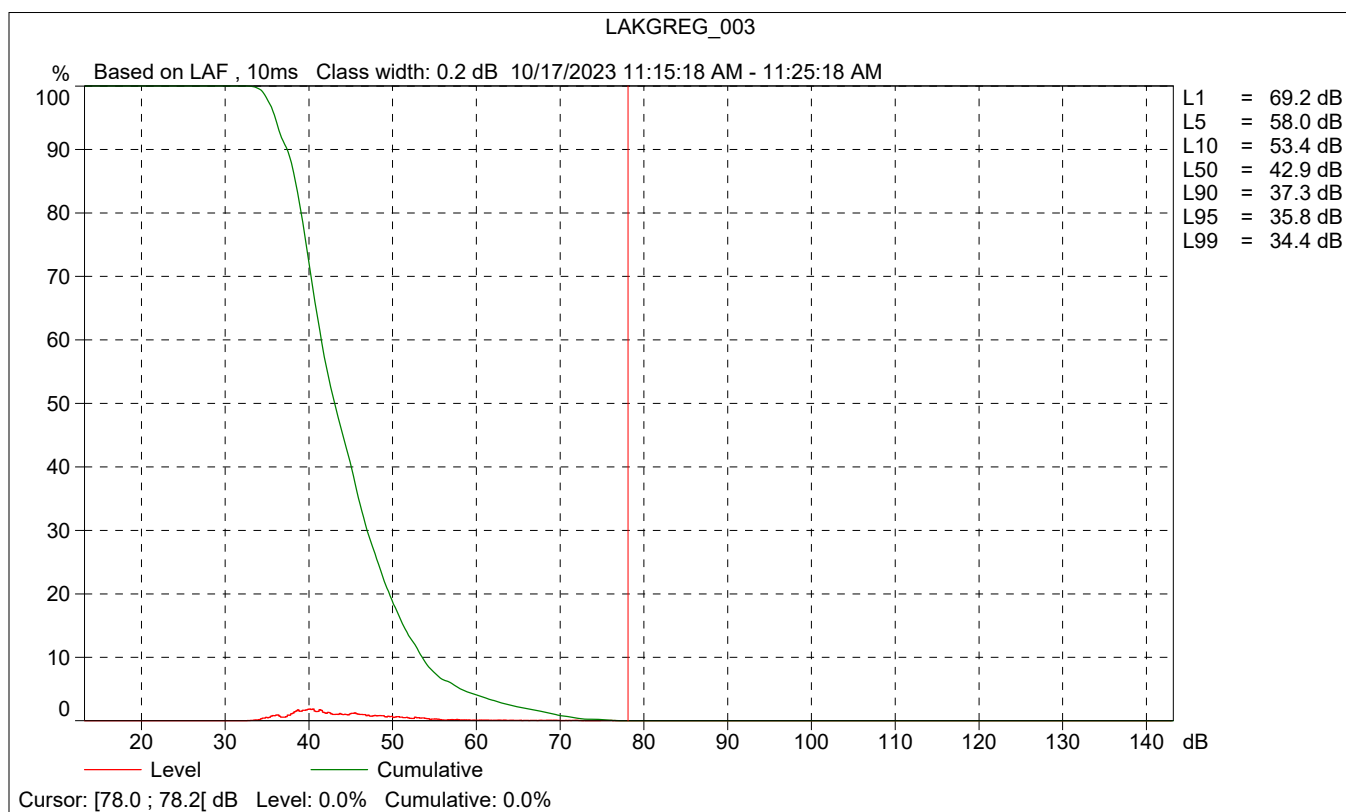
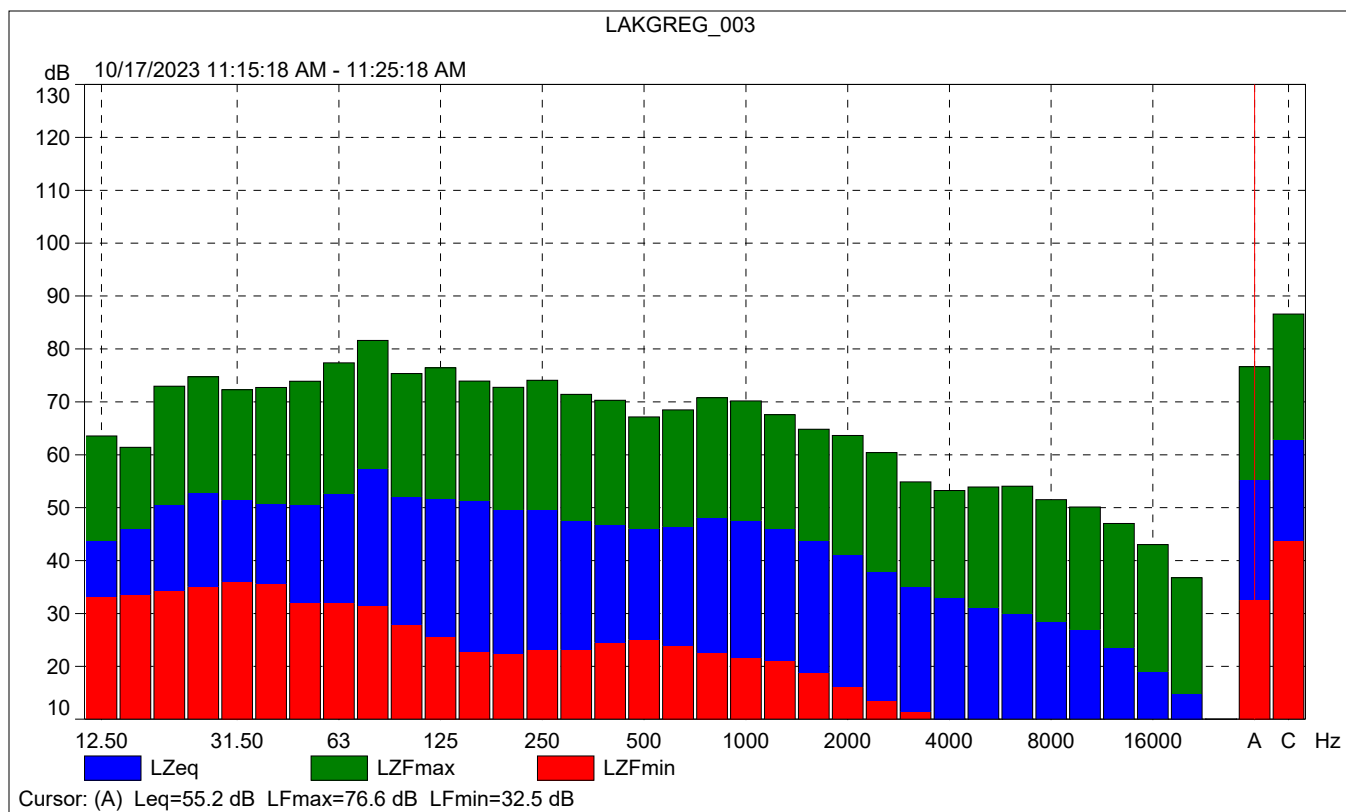
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

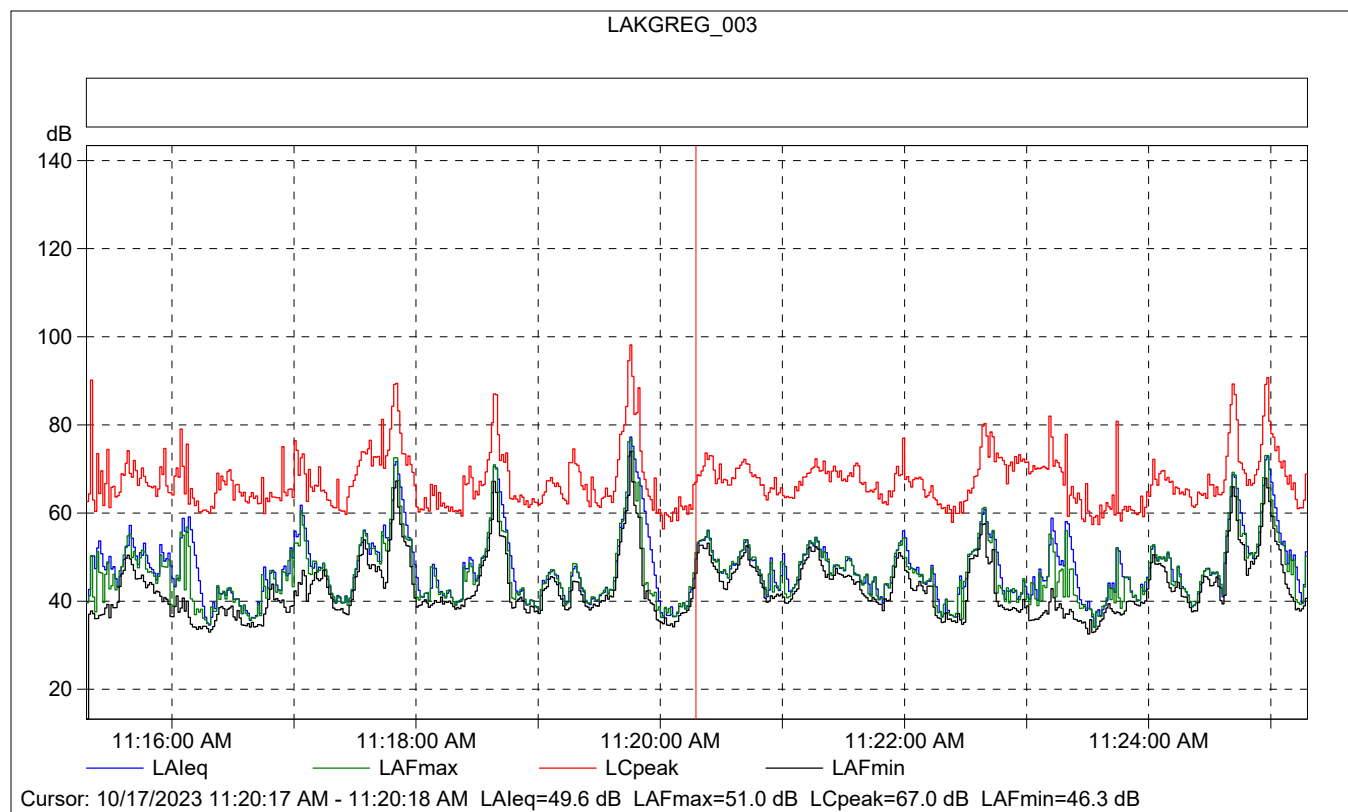
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		10/17/2023 10:39:03
Calibration Type:		External reference
Sensitivity:		43.7134429812431 mV/Pa

LAKGREG_003

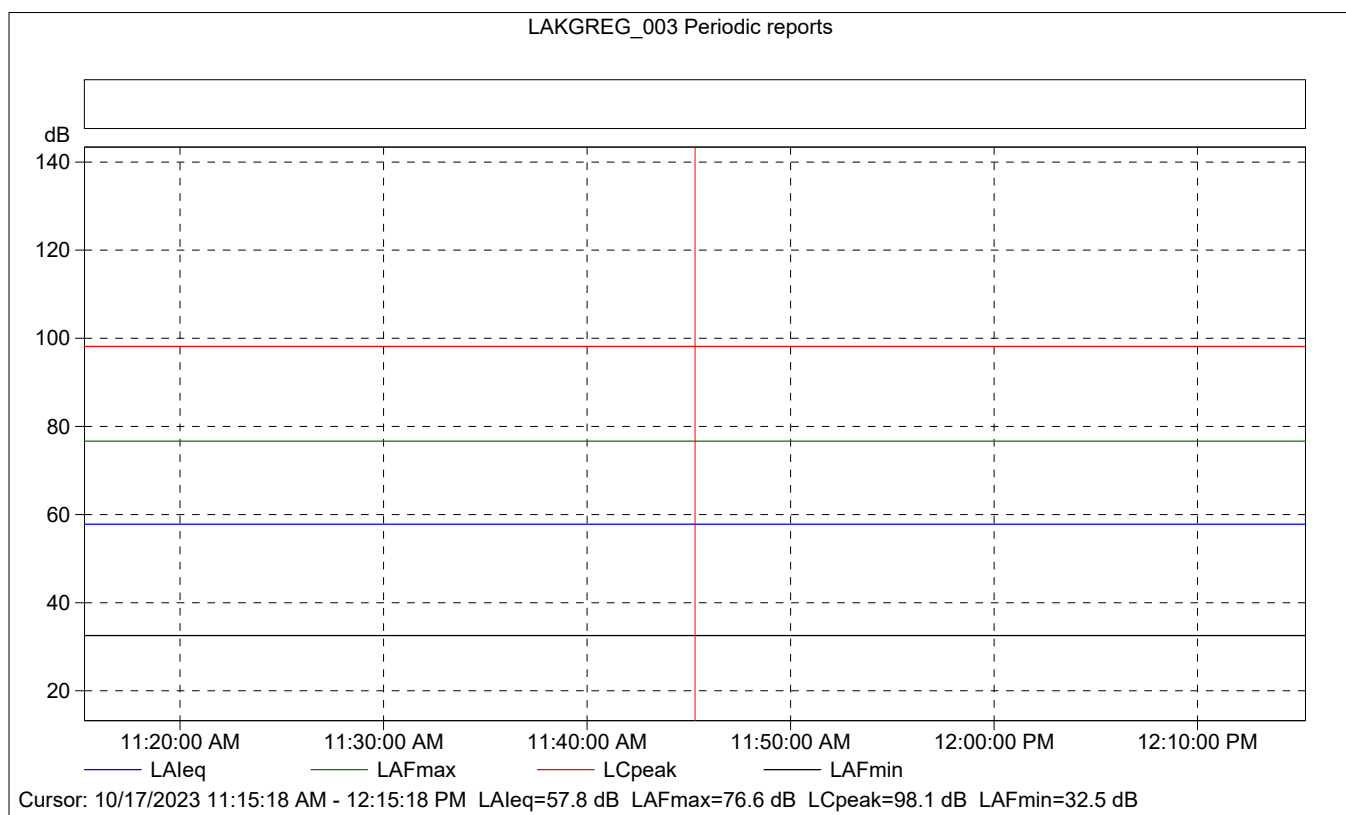
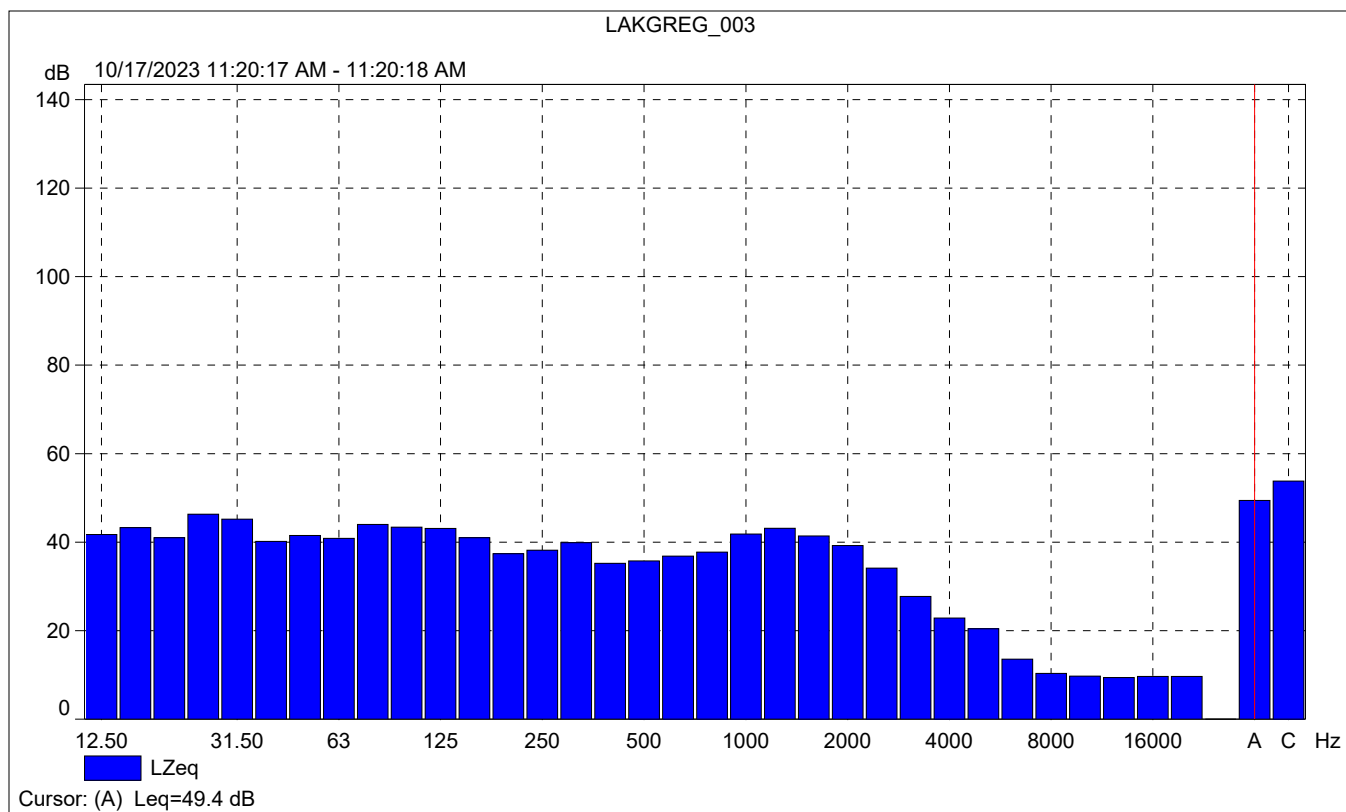
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	55.2	76.6	32.5
Time	11:15:18 AM	11:25:18 AM	0:10:00				
Date	10/17/2023	10/17/2023					





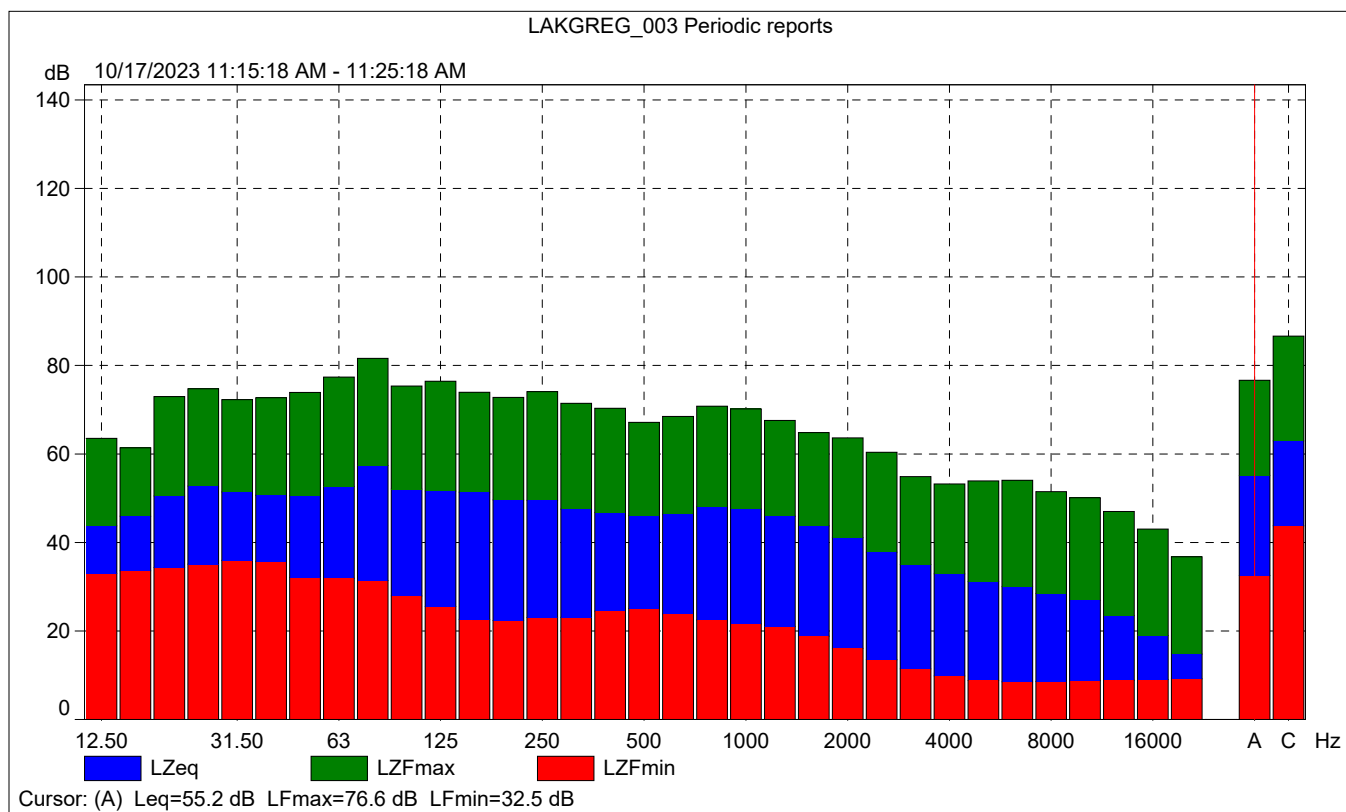
LAKGREG_003

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	49.6	51.0	46.3
Time	11:20:17 AM	0:00:01				
Date	10/17/2023					

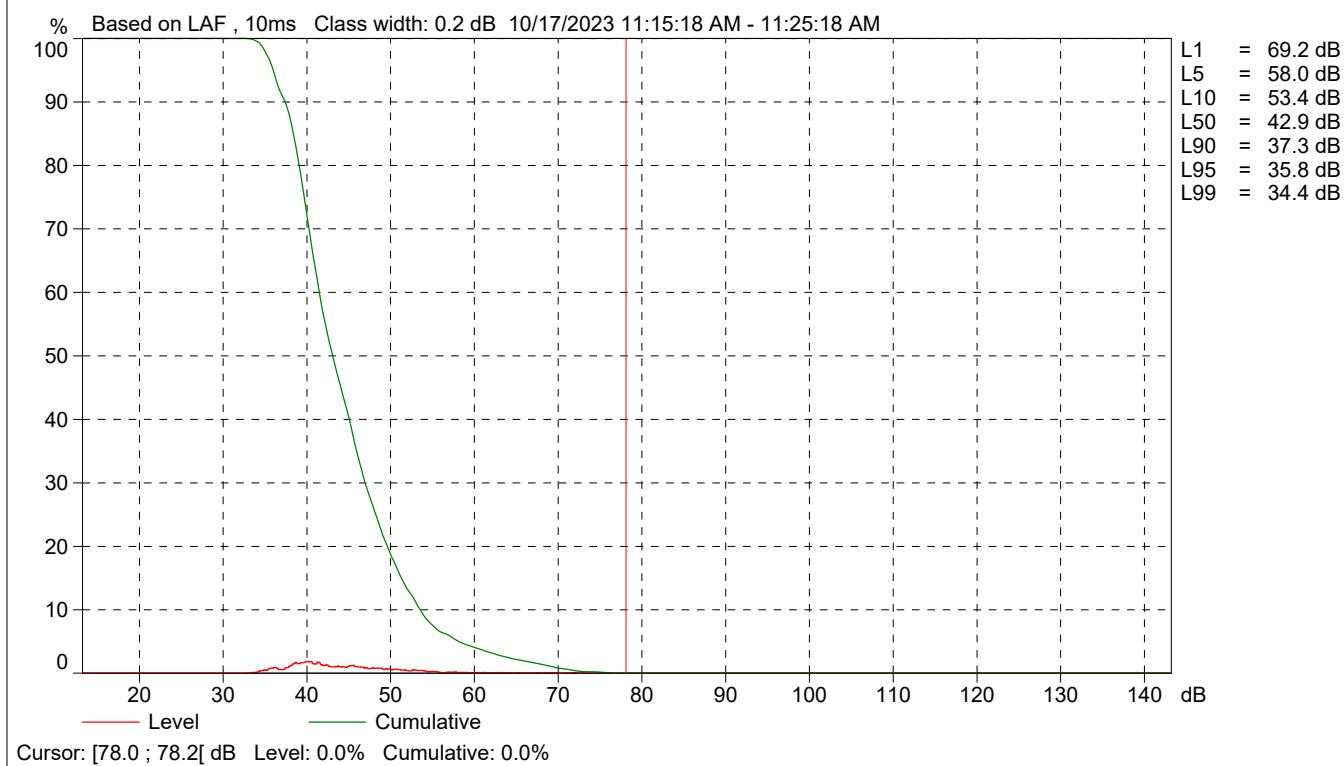


LAKGREG_003 Periodic reports

	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	57.8	76.6	32.5
Time	11:15:18 AM	0:10:00				
Date	10/17/2023					



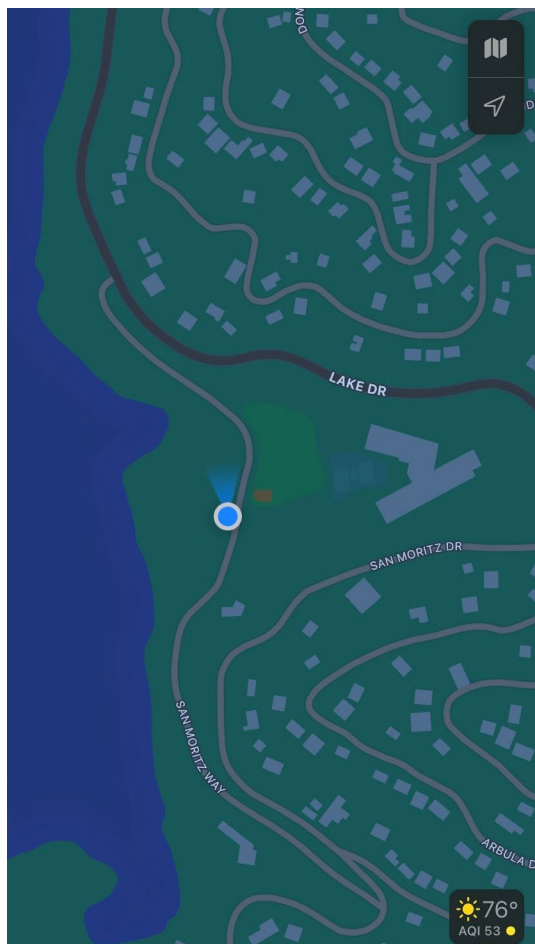
LAKGREG_003 Periodic reports



Site Number: NM-4		
Recorded By: Darshan Shivaiah, Dennis Dinh		
Job Number: 195651		
Date: 10/17/2023		
Time: 11:32 a.m.		
Location: Across the street from Lake Gregory Community Center		
Source of Ambient Noise: Traffic along San Moritz Drive		
Source of Peak Noise: Traffic along San Moritz Drive		
Noise Data		
L_{eq} (dB)	L_{max}(dB)	L_{min} (dB)
56.4	79.9	33.2

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	06/04/2023	
	Microphone	Brüel & Kjær	4189	3086765	06/04/2023	
	Preamp	Brüel & Kjær	ZC 0032	25380	06/04/2023	
	Calibrator	Brüel & Kjær	4231	2545667	06/04/2023	
Weather Data						
Est.	Duration: 10 minutes			Sky: Sunny		
	Note: dBA Offset = 0.00			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	2 mph		75		29.91	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		10/17/2023 11:32:39
End Time:		10/17/2023 11:42:39
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.10

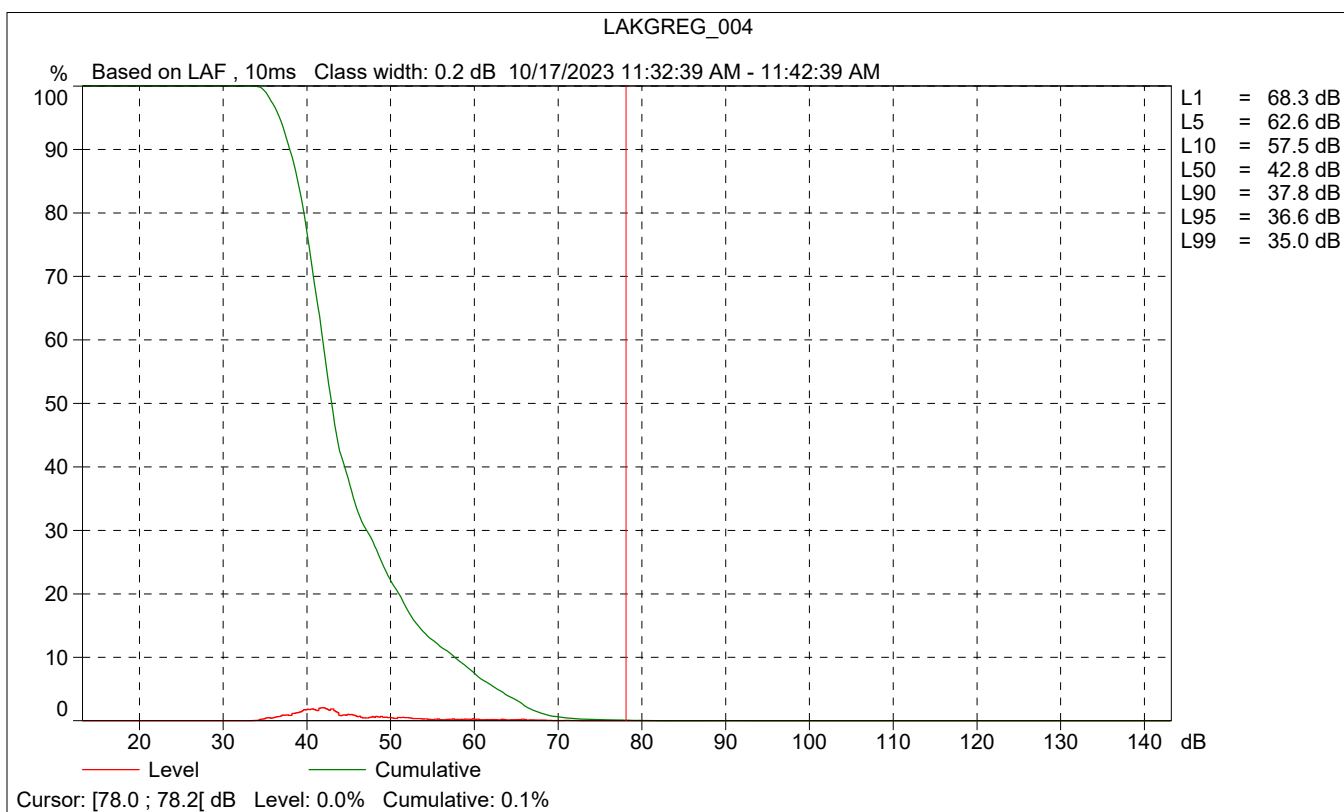
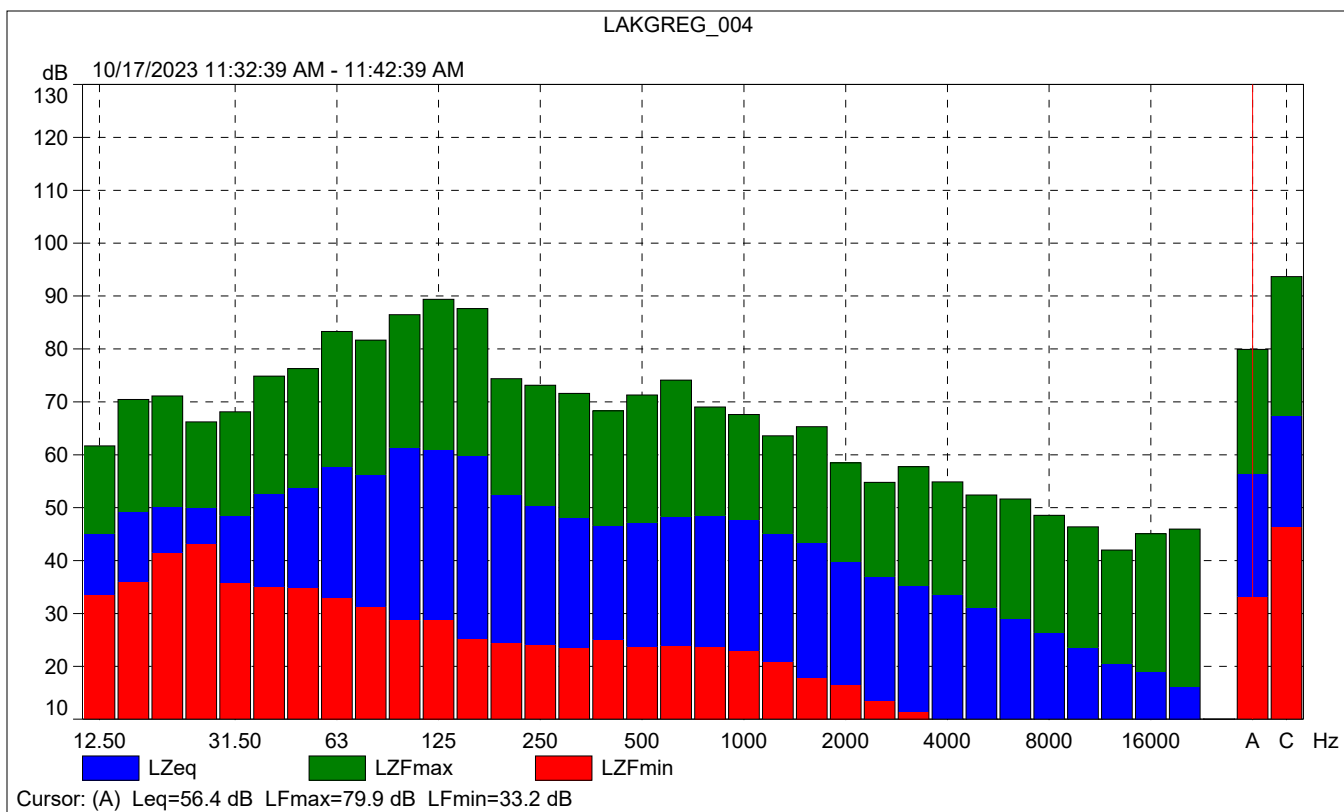
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

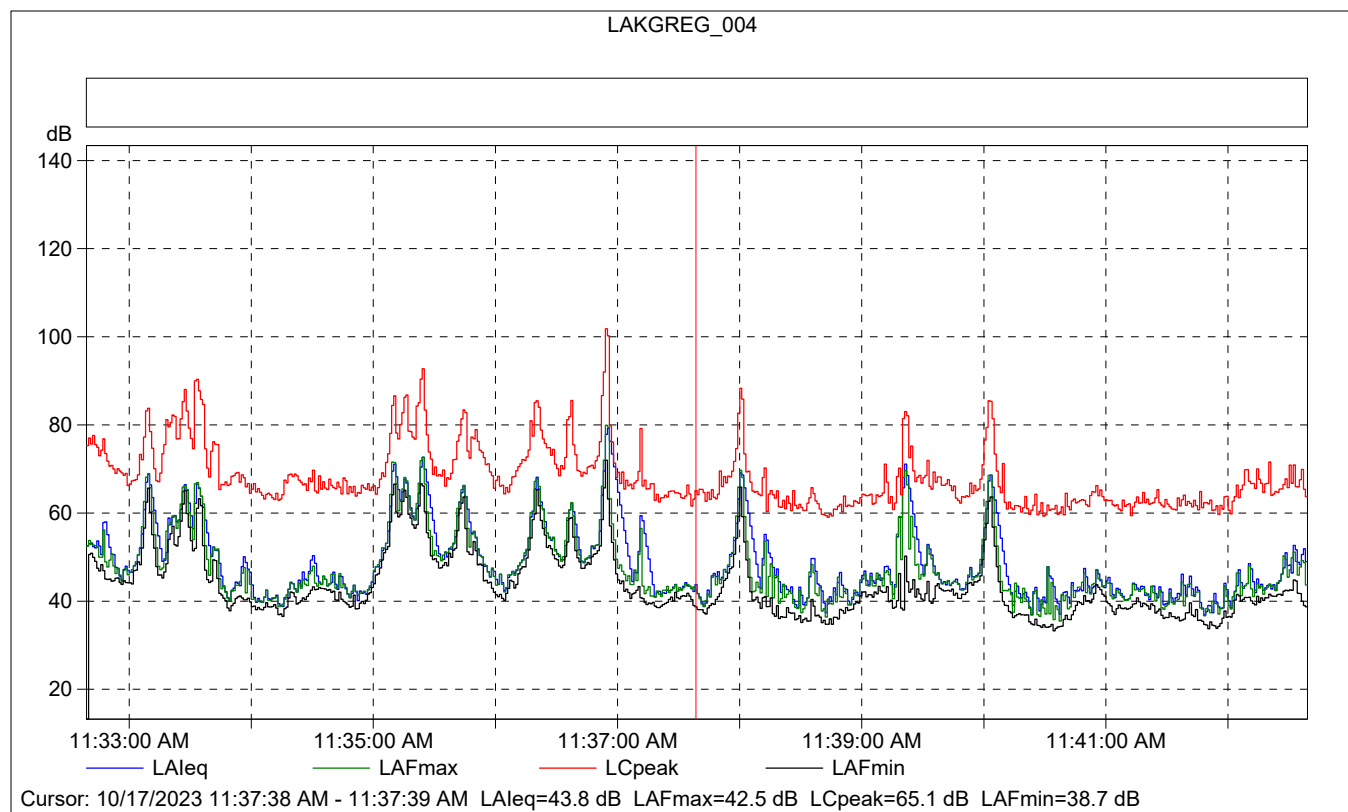
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		10/17/2023 10:39:03
Calibration Type:		External reference
Sensitivity:		43.7134429812431 mV/Pa

LAKGREG_004

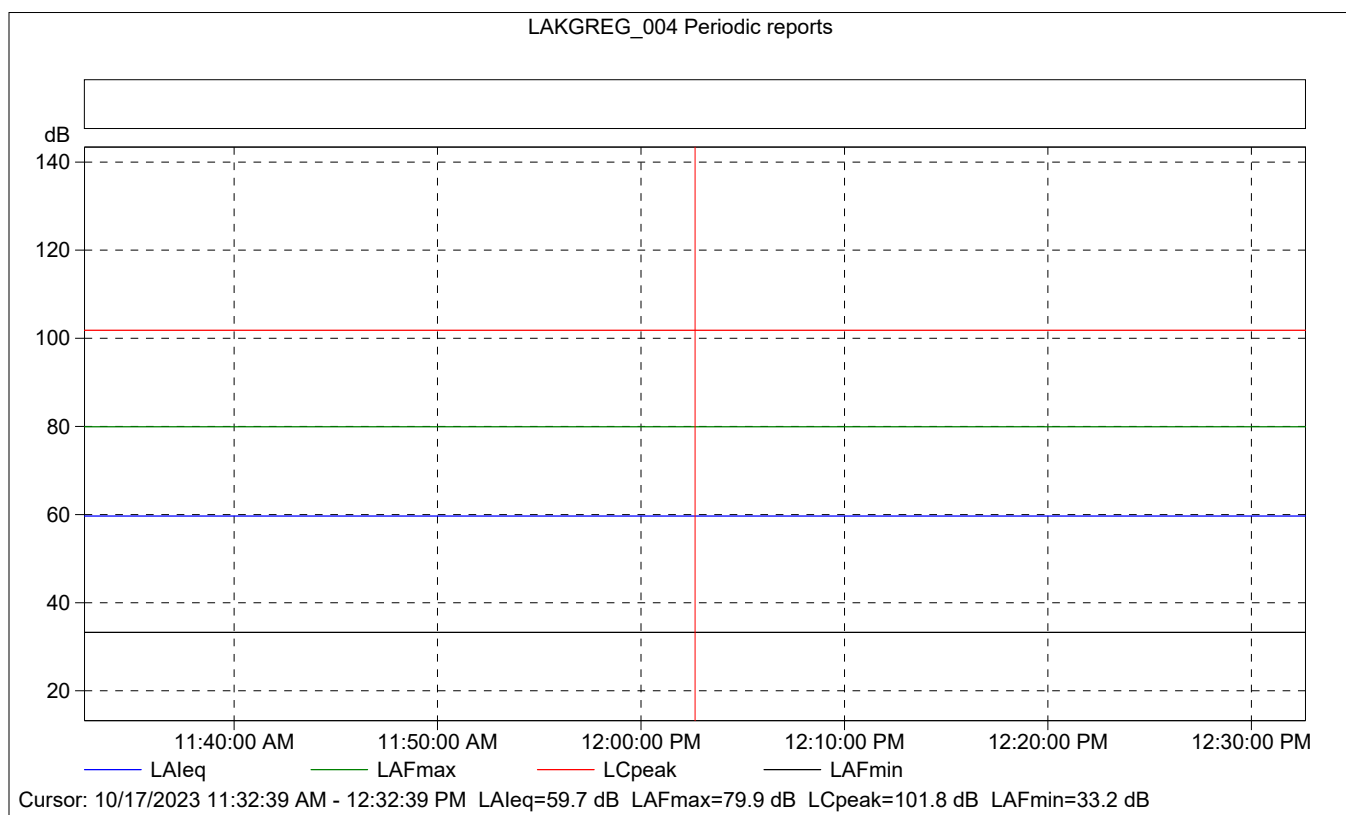
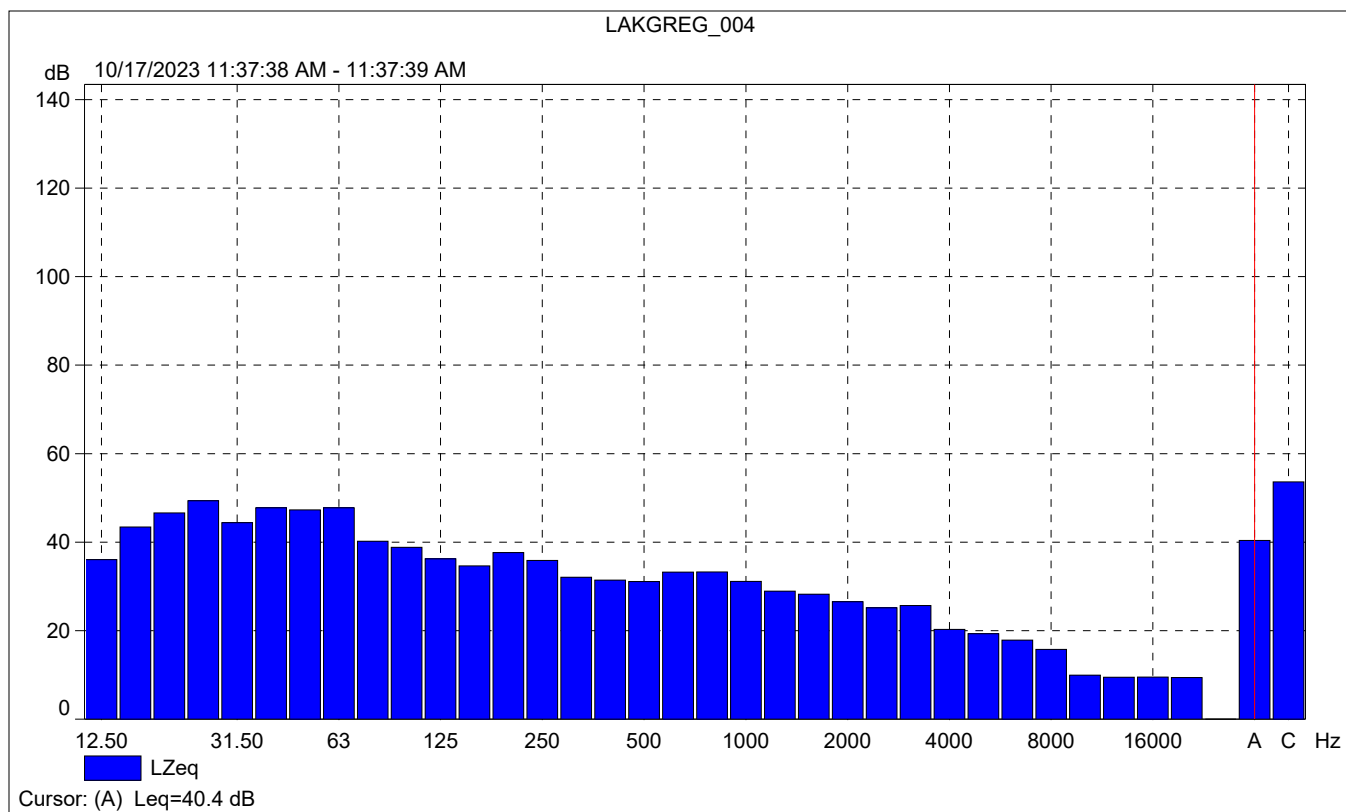
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	56.4	79.9	33.2
Time	11:32:39 AM	11:42:39 AM	0:10:00				
Date	10/17/2023	10/17/2023					





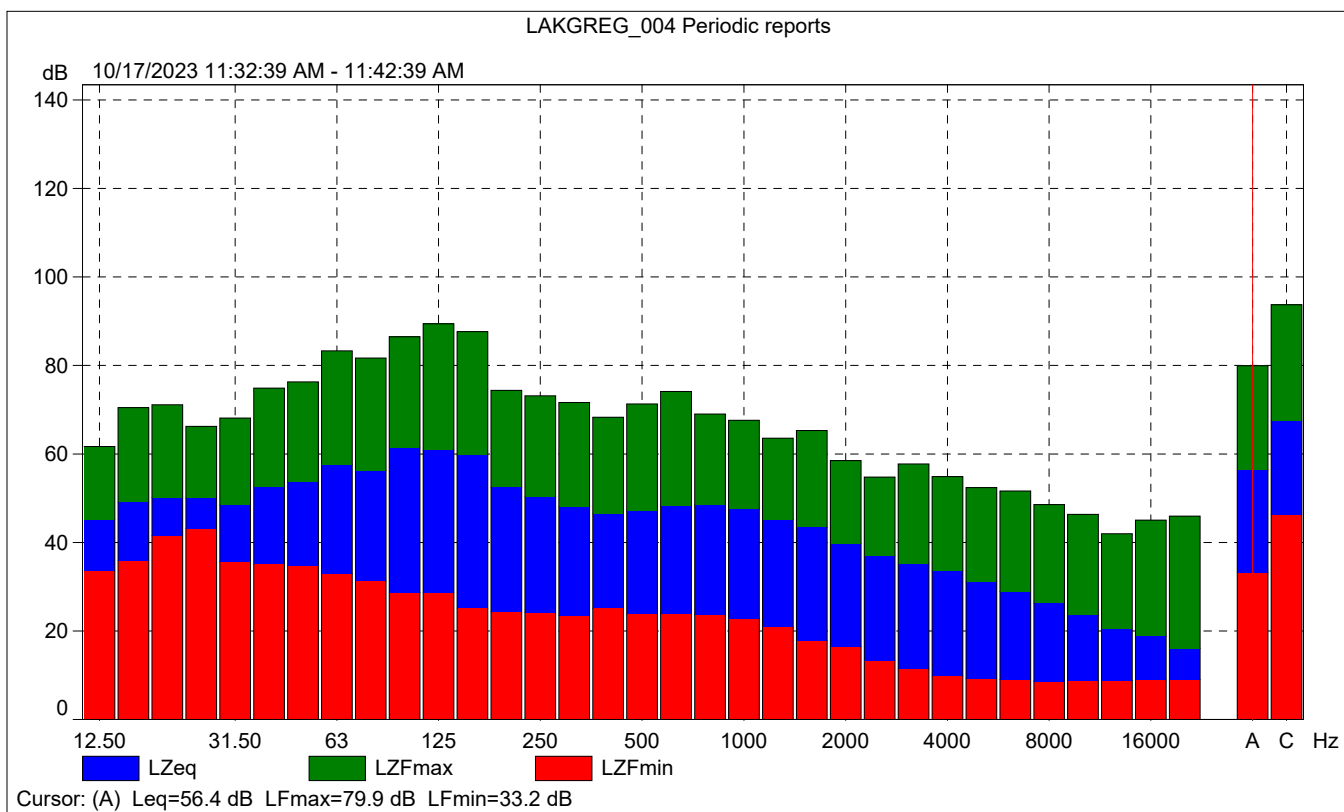
LAKGREG_004

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	43.8	42.5	38.7
Time	11:37:38 AM	0:00:01				
Date	10/17/2023					

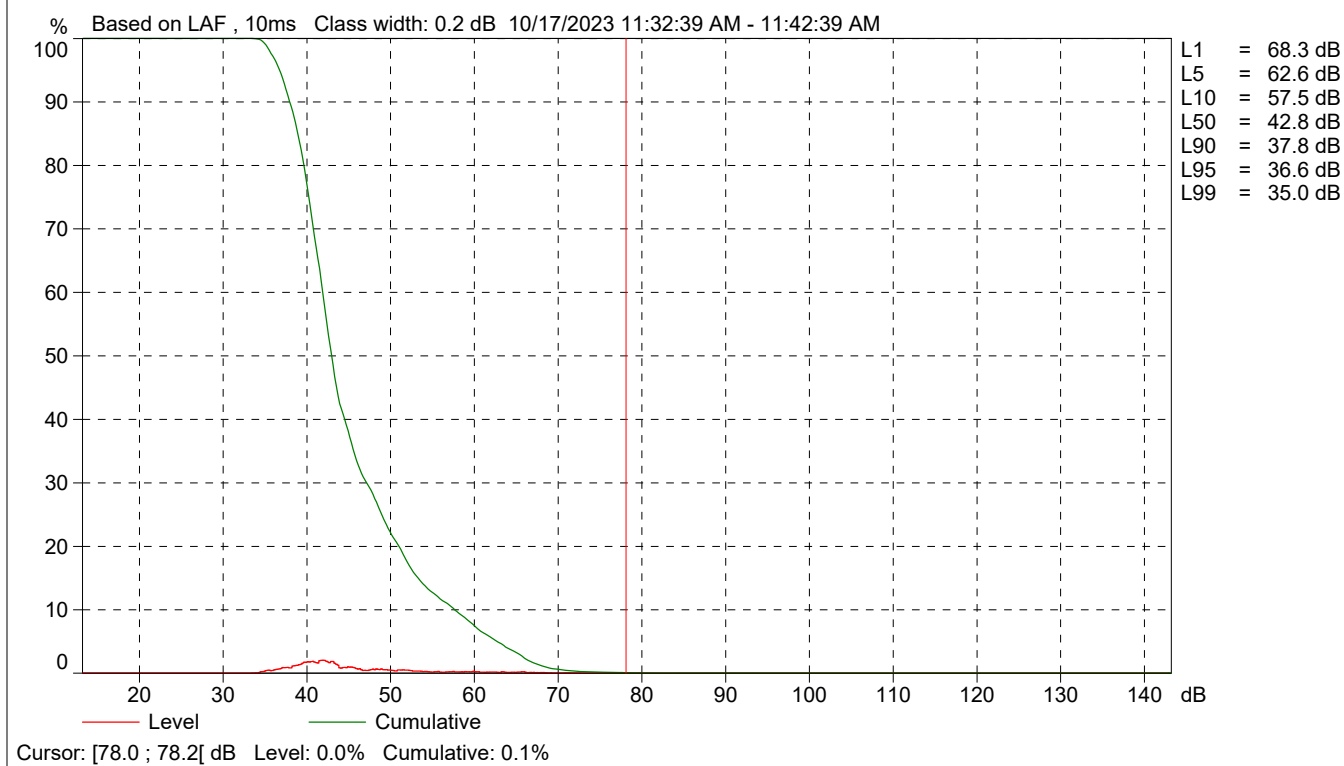


LAKGREG_004 Periodic reports

	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	59.7	79.9	33.2
Time	11:32:39 AM	0:10:00				
Date	10/17/2023					



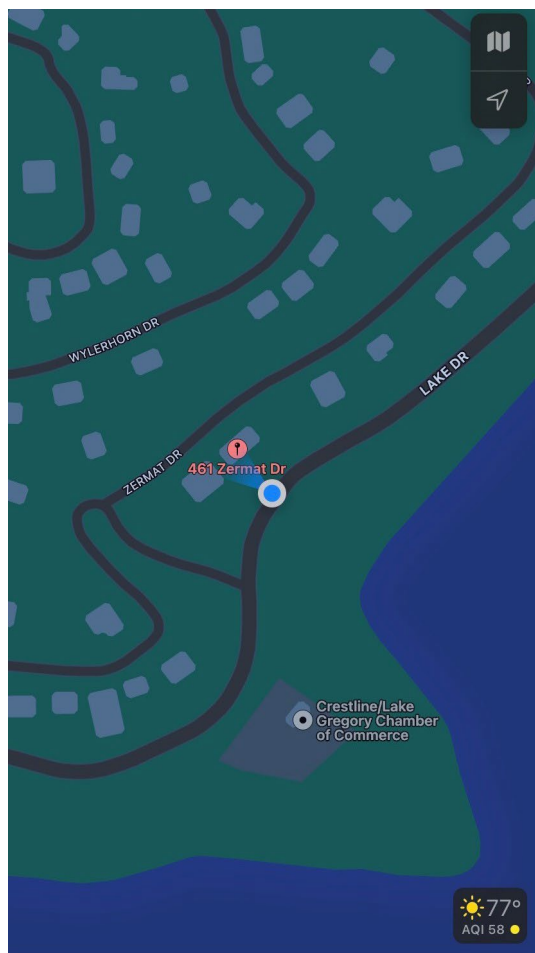
LAKGREG_004 Periodic reports



Site Number: NM-5		
Recorded By: Darshan Shivaiah, Dennis Dinh		
Job Number: 195651		
Date: 10/17/2023		
Time: 11:50 a.m.		
Location: In front of 461 Zermatt Drive		
Source of Ambient Noise: Traffic along Lake Drive		
Source of Peak Noise: Traffic along Lake Drive		
Noise Data		
L_{eq} (dB)	L_{max}(dB)	L_{min} (dB)
66.0	85.0	35.7

Equipment						
Category	Type	Vendor	Model	Serial No.	Cert. Date	Note
Sound	Sound Level Meter	Brüel & Kjær	2250	3011133	06/04/2023	
	Microphone	Brüel & Kjær	4189	3086765	06/04/2023	
	Preamp	Brüel & Kjær	ZC 0032	25380	06/04/2023	
	Calibrator	Brüel & Kjær	4231	2545667	06/04/2023	
Weather Data						
Est.	Duration: 10 minutes			Sky: Sunny		
	Note: dBA Offset = 0.00			Sensor Height (ft): 5 ft		
	Wind Ave Speed (mph / m/s)		Temperature (degrees Fahrenheit)		Barometer Pressure (inches)	
	2 mph		75		29.91	

Photo of Measurement Location



2250

Instrument:		2250
Application:		BZ7225 Version 4.7.6
Start Time:		10/17/2023 11:50:11
End Time:		10/17/2023 12:00:11
Elapsed Time:		00:10:00
Bandwidth:		1/3-octave
Max Input Level:		142.10

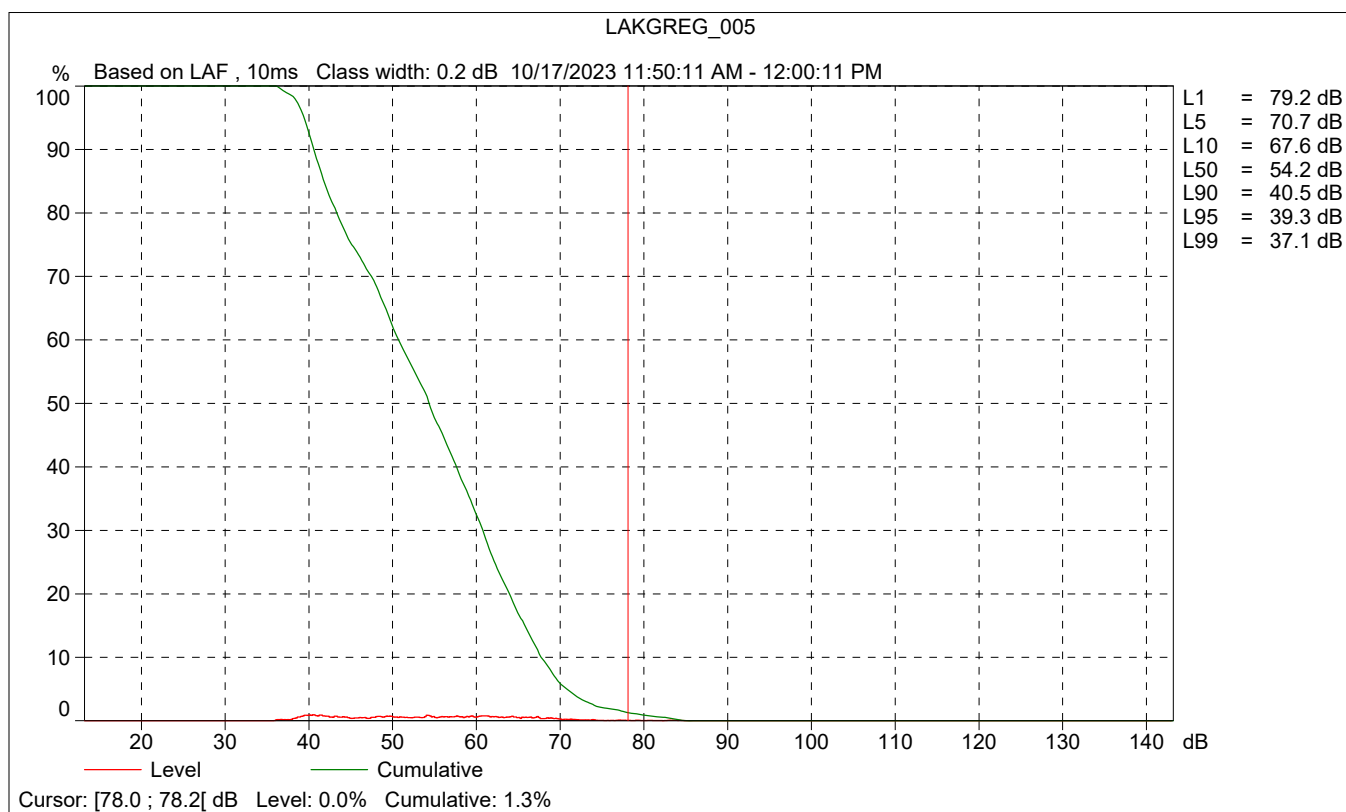
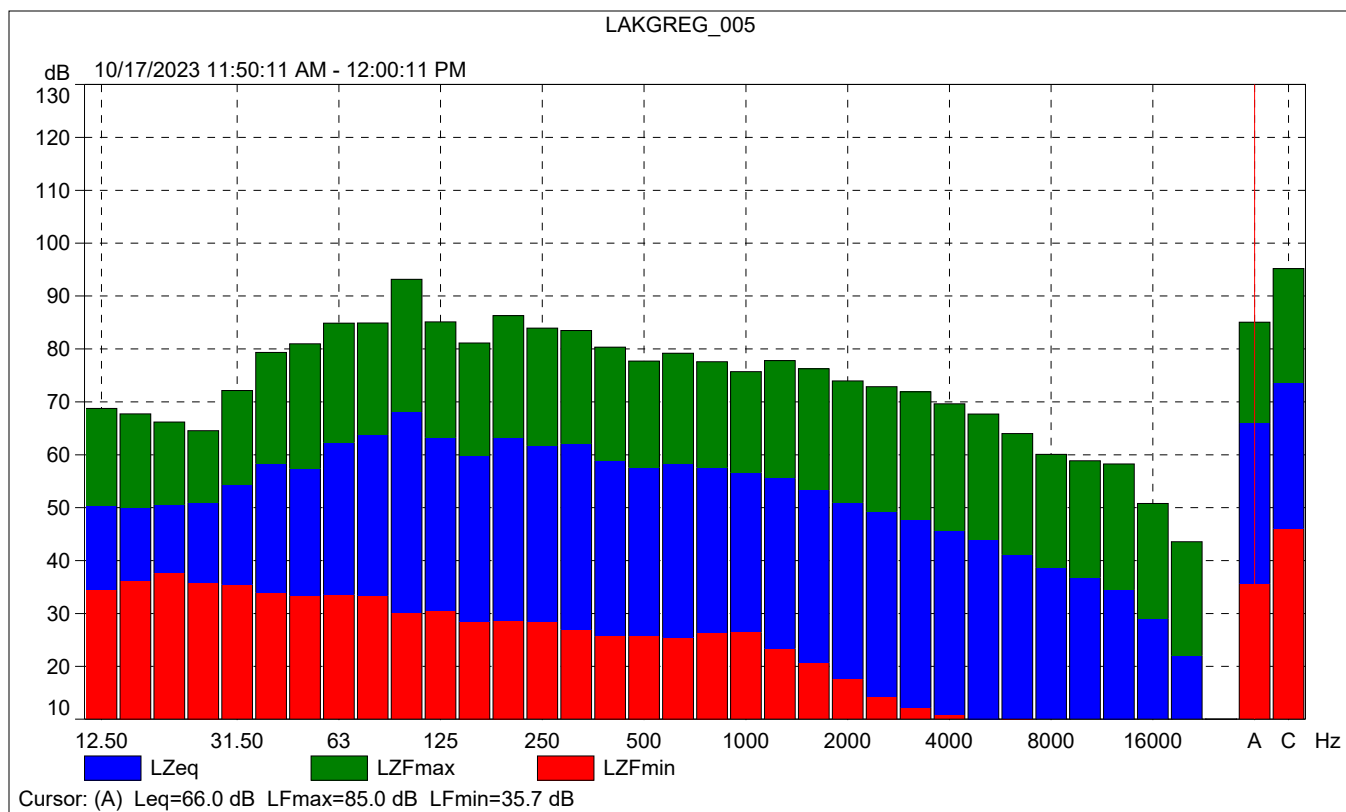
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		C
Spectrum:	FS	Z

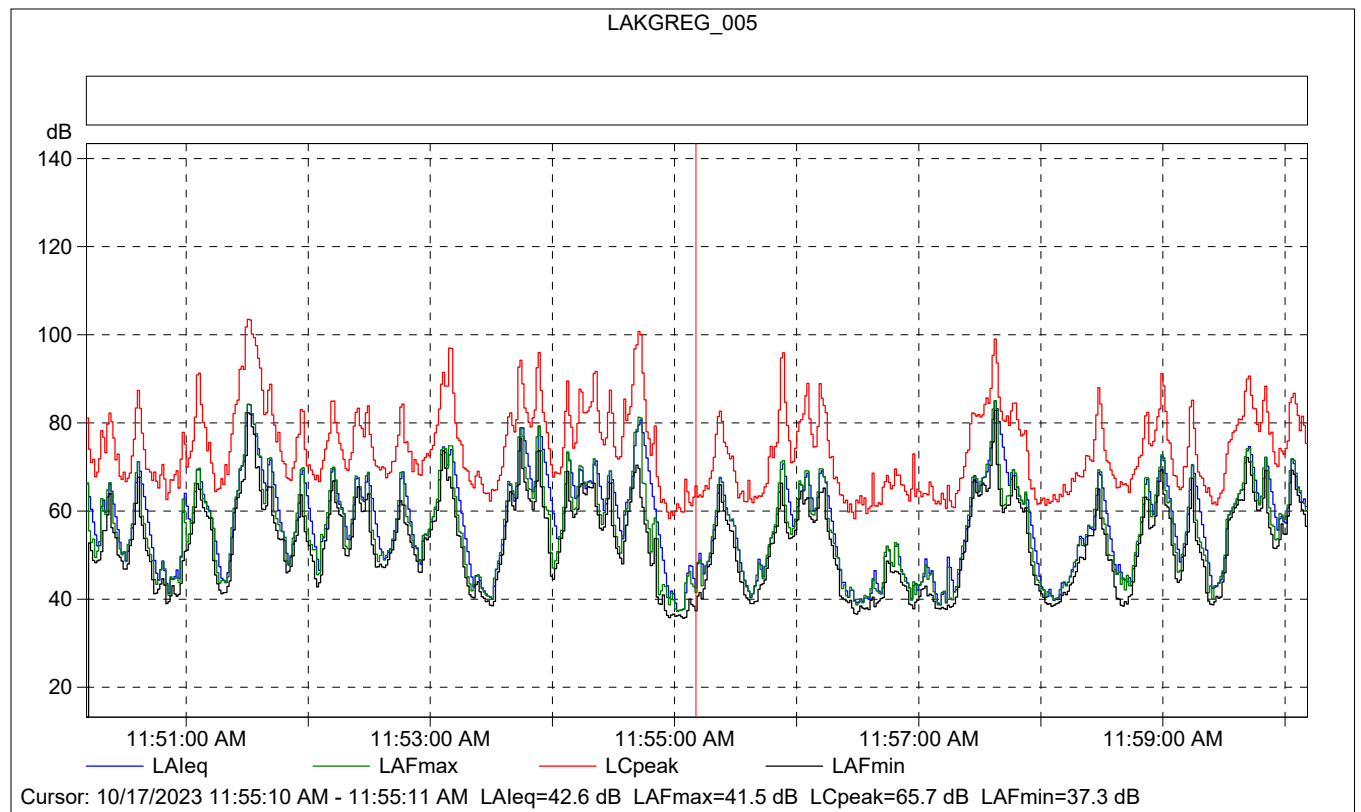
Instrument Serial Number:		3011133
Microphone Serial Number:		3086765
Input:		Top Socket
Windscreen Correction:		UA-1650
Sound Field Correction:		Free-field

Calibration Time:		10/17/2023 10:39:03
Calibration Type:		External reference
Sensitivity:		43.7134429812431 mV/Pa

LAKGREG_005

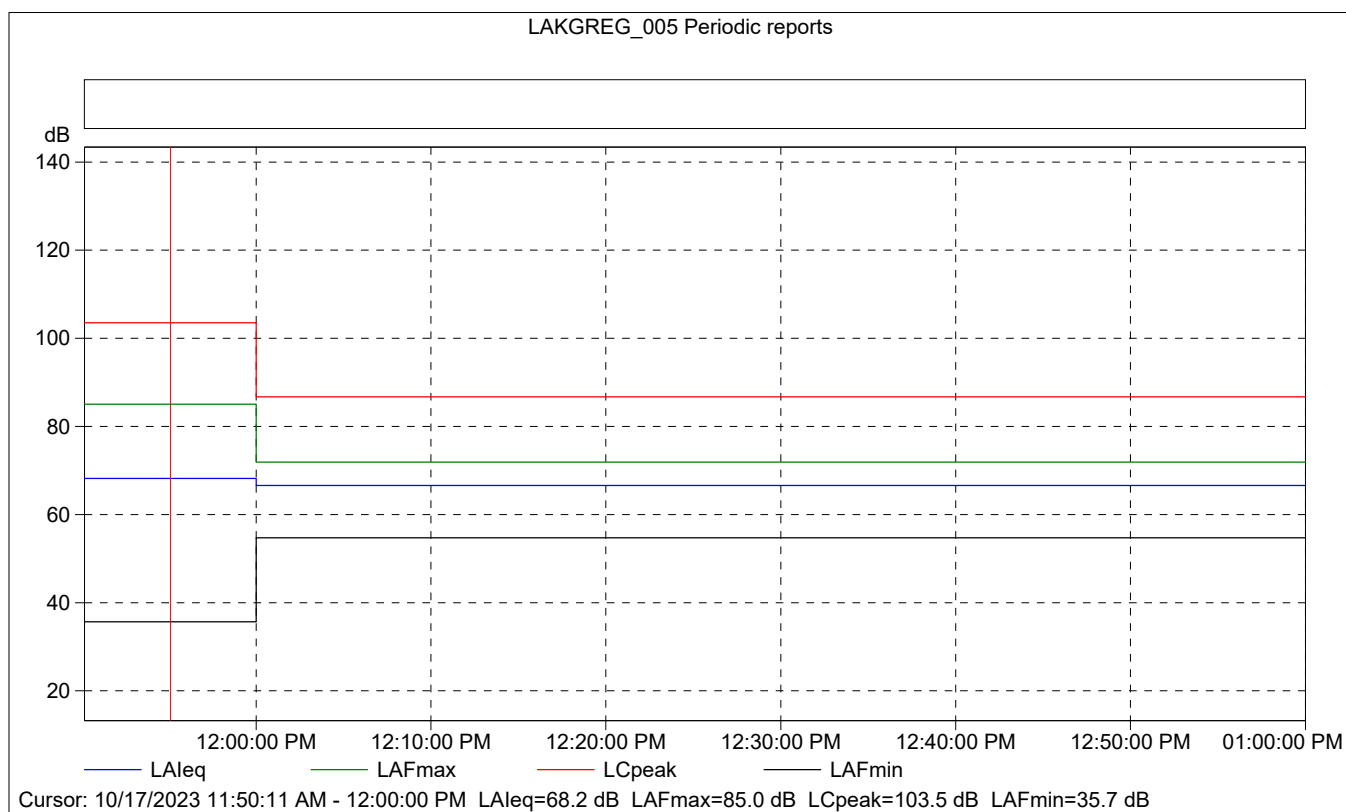
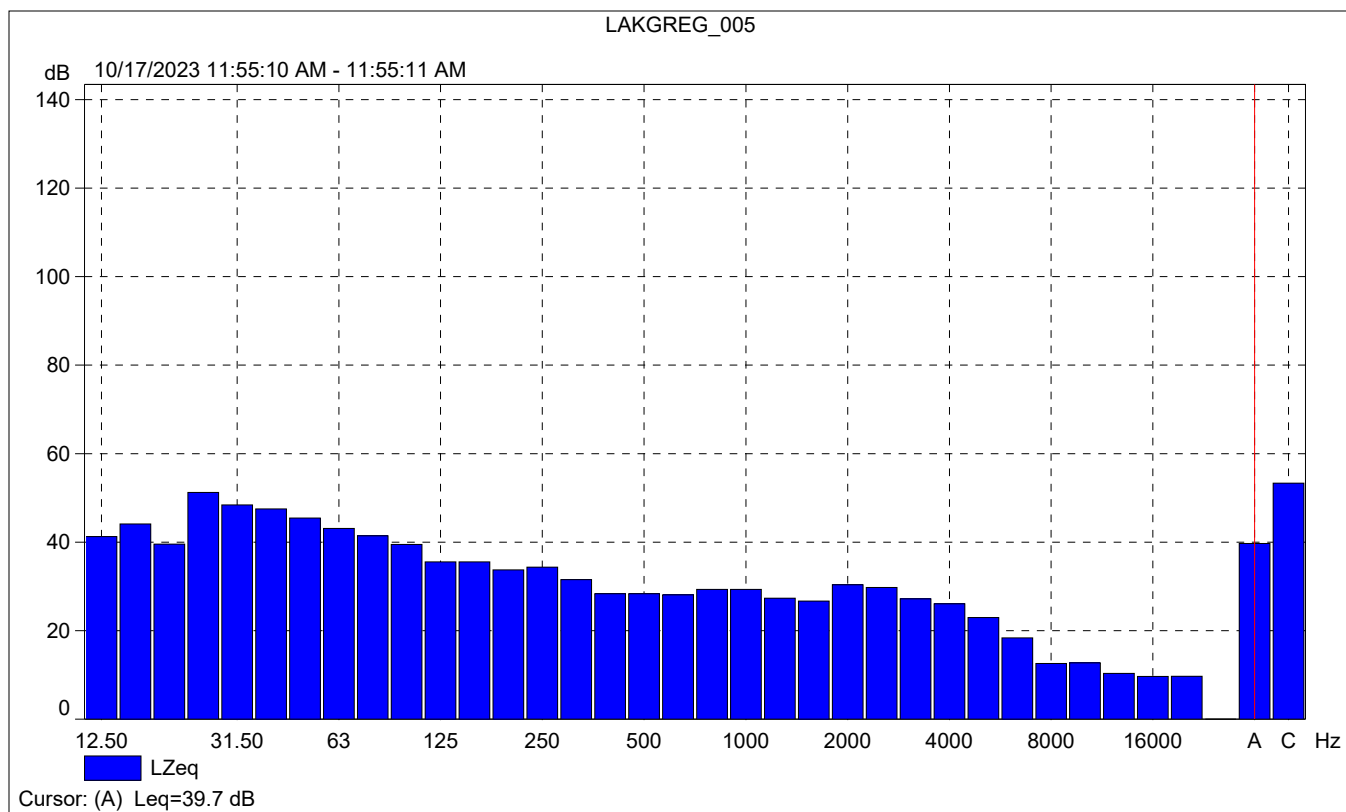
	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	66.0	85.0	35.7
Time	11:50:11 AM	12:00:11 PM	0:10:00				
Date	10/17/2023	10/17/2023					





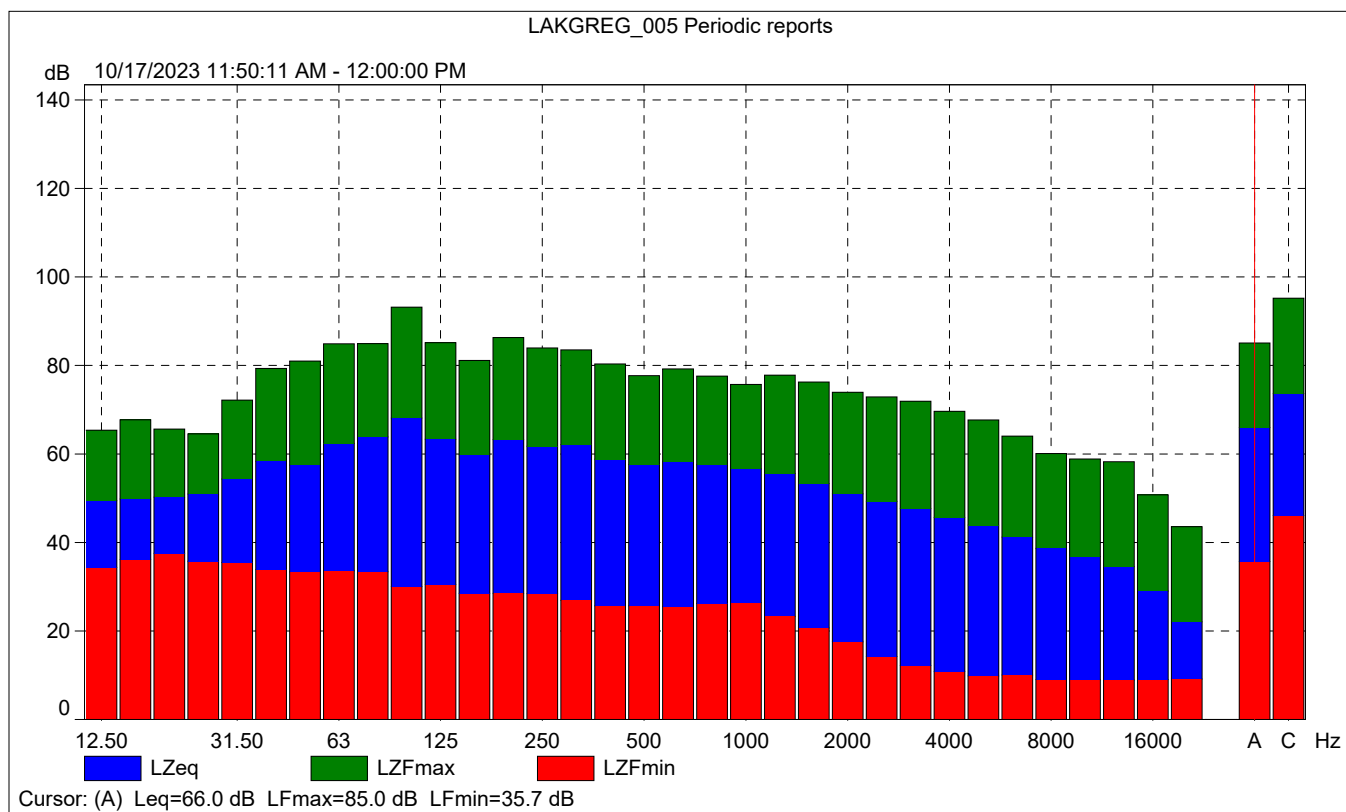
LAKGREG_005

	Start time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	42.6	41.5	37.3
Time	11:55:10 AM	0:00:01				
Date	10/17/2023					



LAKGREG_005 Periodic reports

	Start time	Elapsed time	Overload [%]	LAFeq [dB]	LAFmax [dB]	LAFmin [dB]
Value			0.00	68.2	85.0	35.7
Time	11:50:11 AM	0:09:49				
Date	10/17/2023					



LAKGREG_005 Periodic reports

