

Noise Measurement Field Data

Project:	Gardner Rosecrans Avenue	Job Number:	194091005
Site No.:	1	Date:	1/14/2020
Analyst:	Alex Howard	Time:	1:44 PM - 1:54 PM
Location:	14029 Spinning Avenue		
Noise Sources:	Airplanes flying overhead, traffic noise		
Comments:	none		

Results (dBA):

Leq:	Lmin:	Lmax:	Peak:
56.4	45.0	76.2	96.2

Equipment

Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather

Temp. (degrees F):	64
Wind (mph):	< 5
Sky:	Clear
Bar. Pressure:	30.07" Hg
Humidity:	54%

Photo:



Measurement Report

Report Summary

Meter's File Name	GR_EC_005	Computer's File Name	SLM_0005586_GR_EC_005.00.ldbin
Meter	LxT SE		
Firmware	2.402		
User	Alex Howard	Location	
Description	Gardner Rosecrans Avenue Project		
Note			
Start Time	2020-01-14 13:44:26	Duration	0:10:00.0
End Time	2020-01-14 13:54:26	Run Time	0:10:00.0
		Pause Time	0:00:00.0

Results

Overall Metrics

LA _{eq}	56.4 dB		
LAE	84.2 dB	SEA	--- dB
EA	29.4 μPa²h		
LZ _{peak}	96.2 dB	2020-01-14 13:47:32	
LAS _{max}	76.2 dB	2020-01-14 13:47:32	
LAS _{min}	45.0 dB	2020-01-14 13:53:49	
LA _{eq}	56.4 dB		
LC _{eq}	65.0 dB	LC _{eq} - LA _{eq}	8.5 dB
LAI _{eq}	62.5 dB	LAI _{eq} - LA _{eq}	6.1 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LZ _{peak} > 135.0 dB	0	0:00:00.0
LZ _{peak} > 137.0 dB	0	0:00:00.0
LZ _{peak} > 140.0 dB	0	0:00:00.0

Community Noise

LDN	LDay	LNight	
56.4 dB	56.4 dB	0.0 dB	
LDEN	LDay	LEve	LNight
56.4 dB	56.4 dB	--- dB	--- dB

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	56.4 dB		65.0 dB		--- dB	
LS _(max)	76.2 dB	2020-01-14 13:47:32	--- dB		--- dB	
LS _(min)	45.0 dB	2020-01-14 13:53:49	--- dB		--- dB	
L _{Peak(max)}	--- dB		--- dB		96.2 dB	2020-01-14 13:47:32

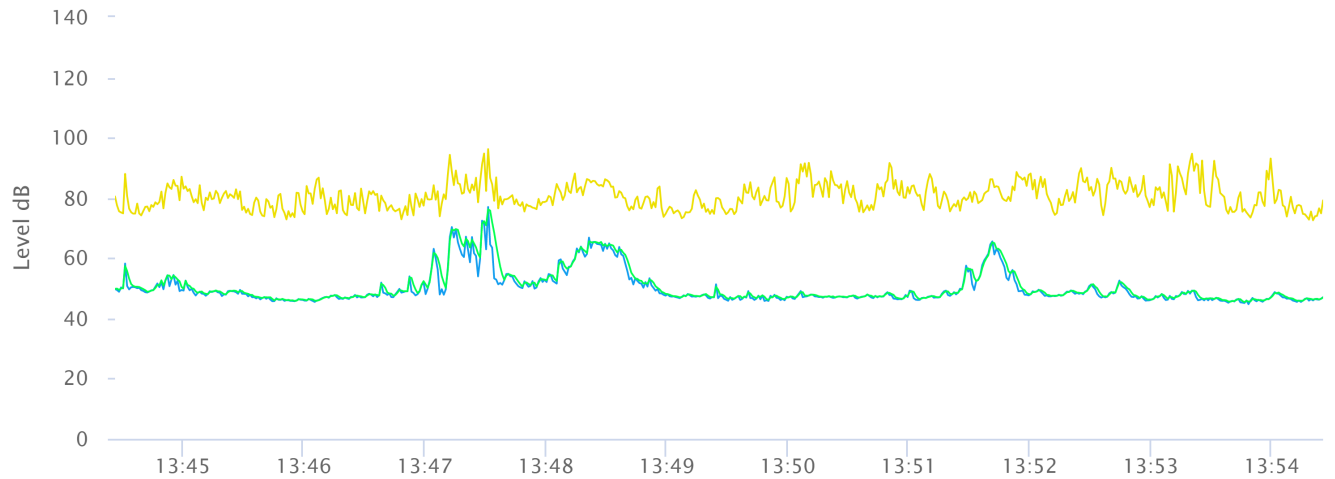
Overloads

Count	Duration	OBA Count	OBA Duration
0	0:00:00.0	0	0:00:00.0

Statistics

LAS 5.0	63.4 dB
LAS 10.0	59.0 dB
LAS 33.3	49.2 dB
LAS 50.0	47.9 dB
LAS 66.6	47.2 dB
LAS 90.0	46.2 dB

Time History



— LAeq: 0.0 dB — LZpeak: 0.0 dB — LASmax: 0.0 dB — LASmin: 0.0 dB



Noise Measurement Field Data

Project:	Gardner Rosecrans Avenue	Job Number:	194091005
Site No.:	2	Date:	1/14/2020
Analyst:	Alex Howard	Time:	2:03 PM - 2:13 PM
Location:	2140 139th Street		
Noise Sources:	Traffic noise on 139th Street		
Comments:	none		
Results (dBA):			
	Leq:	Lmin:	Lmax:
	67.0	50.7	80.5
			Peak:
			107.2

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	64
Wind (mph):	< 5
Sky:	Partly Cloudy
Bar. Pressure:	30.05" Hg
Humidity:	54%

Photo:



Measurement Report

Report Summary

Meter's File Name	GR_EC__006	Computer's File Name	SLM_0005586_GR_EC__006.00.ldbin
Meter	LxT SE		
Firmware	2.402		
User	Alex Howard	Location	
Description	Gardner Rosecrans Avenue Project		
Note			
Start Time	2020-01-14 14:03:17	Duration	0:10:00.0
End Time	2020-01-14 14:13:17	Run Time	0:10:00.0
		Pause Time	0:00:00.0

Results

Overall Metrics

LA _{eq}	67.0 dB		
LAE	94.8 dB	SEA	--- dB
EA	335.1 µPa²h		
LZ _{peak}	107.2 dB	2020-01-14 14:03:25	
LAS _{max}	80.5 dB	2020-01-14 14:04:17	
LAS _{min}	50.7 dB	2020-01-14 14:09:41	
LA _{eq}	67.0 dB		
LC _{eq}	72.4 dB	LC _{eq} - LA _{eq}	5.3 dB
LAI _{eq}	69.7 dB	LAI _{eq} - LA _{eq}	2.7 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LZ _{peak} > 135.0 dB	0	0:00:00.0
LZ _{peak} > 137.0 dB	0	0:00:00.0
LZ _{peak} > 140.0 dB	0	0:00:00.0

Community Noise

LDN	LDay	LNight	
67.0 dB	67.0 dB	0.0 dB	
LDEN	LDay	LEve	LNight
67.0 dB	67.0 dB	--- dB	--- dB

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	67.0 dB		72.4 dB		--- dB	
LS _(max)	80.5 dB	2020-01-14 14:04:17	--- dB		--- dB	
LS _(min)	50.7 dB	2020-01-14 14:09:41	--- dB		--- dB	
L _{Peak(max)}	--- dB		--- dB		107.2 dB	2020-01-14 14:03:25

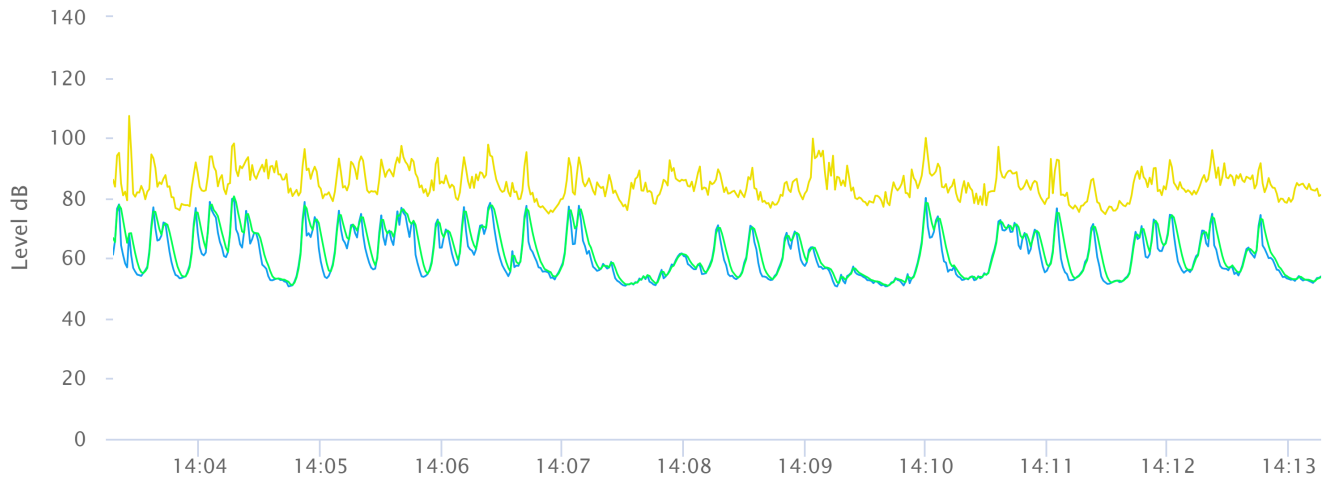
Overloads

Count	Duration	OBA Count	OBA Duration
0	0:00:00.0	0	0:00:00.0

Statistics

LAS 5.0	73.6 dB
LAS 10.0	71.5 dB
LAS 33.3	65.3 dB
LAS 50.0	60.0 dB
LAS 66.6	56.3 dB
LAS 90.0	52.8 dB

Time History



— LAeq: 0.0 dB — LZpeak: 0.0 dB — LASmax: 0.0 dB — LASmin: 0.0 dB



Noise Measurement Field Data

Project:	Gardner Rosecrans Avenue	Job Number:	194091005
Site No.:	3	Date:	1/14/2020
Analyst:	Alex Howard	Time:	
Location:	2123 144st Street		
Noise Sources:	Traffic noise		
Comments:	none		

Results (dBA):				
	Leq:	Lmin:	Lmax:	Peak:
	59.2	43.1	75.9	100.5

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	60
Wind (mph):	< 5
Sky:	Clear
Bar. Pressure:	30.05" Hg
Humidity:	53%

Photo:



Measurement Report

Report Summary

Meter's File Name	GR_EC_007	Computer's File Name	SLM_0005586_GR_EC_007.00.ldbin
Meter	LxT SE		
Firmware	2.402		
User	Alex Howard	Location	
Description	Gardner Rosecrans Avenue Project		
Note			
Start Time	2020-01-14 14:22:11	Duration	0:10:00.0
End Time	2020-01-14 14:32:11	Run Time	0:10:00.0
		Pause Time	0:00:00.0

Results

Overall Metrics

L _{Aeq}	59.2 dB		
L _{AE}	86.9 dB	SEA	--- dB
EA	54.8 μPa²h		
L _{Zpeak}	100.5 dB	2020-01-14 14:28:10	
L _{ASmax}	75.9 dB	2020-01-14 14:29:25	
L _{ASmin}	43.1 dB	2020-01-14 14:26:13	
L _{Aeq}	59.2 dB		
L _{Ceq}	68.2 dB	L _{Ceq} - L _{Aeq}	9.0 dB
L _{A1eq}	60.7 dB	L _{A1eq} - L _{Aeq}	1.6 dB

Exceedances

	Count	Duration
L _{AS} > 85.0 dB	0	0:00:00.0
L _{AS} > 115.0 dB	0	0:00:00.0
L _{Zpeak} > 135.0 dB	0	0:00:00.0
L _{Zpeak} > 137.0 dB	0	0:00:00.0
L _{Zpeak} > 140.0 dB	0	0:00:00.0

Community Noise

LDN	LDay	LNight	
59.2 dB	59.2 dB	0.0 dB	
LDEN	LDay	LEve	LNight
59.2 dB	59.2 dB	--- dB	--- dB

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	59.2 dB		68.2 dB		--- dB	
L _{S(max)}	75.9 dB	2020-01-14 14:29:25	--- dB		--- dB	
L _{S(min)}	43.1 dB	2020-01-14 14:26:13	--- dB		--- dB	
L _{Peak(max)}	--- dB		--- dB		100.5 dB	2020-01-14 14:28:10

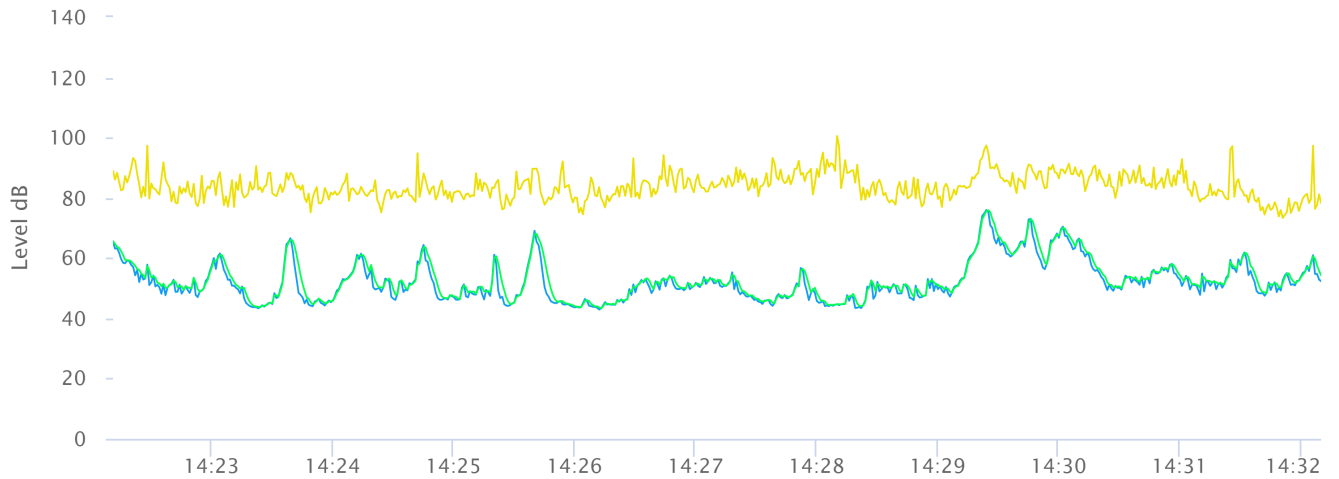
Overloads

Count	Duration	OBA Count	OBA Duration
0	0:00:00.0	0	0:00:00.0

Statistics

L _{AS} 5.0	65.4 dB
L _{AS} 10.0	62.0 dB
L _{AS} 33.3	53.1 dB
L _{AS} 50.0	51.0 dB
L _{AS} 66.6	49.2 dB
L _{AS} 90.0	45.0 dB

Time History



— LAeq: 0.0 dB — LZpeak: 0.0 dB — LASmax: 0.0 dB — LASmin: 0.0 dB

