
APPENDIX N: NOISE MONITORING DATA



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NOISE MONITORING DATA

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Measurement Report

Report Summary

Meter's File Name	LxT_Data.094.s	Computer's File Name	LxT_0005426-20251210 100650-LxT_Data.094.ldbin
Meter	LxT1 0005426	Firmware	2.404
User	LZ	Location	ST-1
Job Description	IRW-05		
Note			
Start Time	2025-12-10 10:06:50	Duration	0:15:00.0
End Time	2025-12-10 10:21:50	Run Time	0:15:00.0
Pre-Calibration	2025-12-10 09:57:37	Post-Calibration	None
		Pause Time	0:00:00.0
		Calibration Deviation	---

Results

Overall Metrics

LA _{eq}	49.6 dB		
LAE	79.1 dB	SEA	--- dB
EA	9.1 µPa²h		
EA8	291.8 µPa²h		
EA40	1.5 mPa²h		
LA _{Speak}	74.4 dB		2025-12-10 10:12:16
LA _{Smax}	56.9 dB		2025-12-10 10:17:16
LA _{Smin}	45.4 dB		2025-12-10 10:19:04
LA _{eq}	49.6 dB		
LC _{eq}	65.3 dB	LC _{eq} - LA _{eq}	15.7 dB
LA _{Ieq}	50.6 dB	LA _{Ieq} - LA _{eq}	1.0 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LASpeak > 135.0 dB	0	0:00:00.0
LASpeak > 137.0 dB	0	0:00:00.0
LASpeak > 140.0 dB	0	0:00:00.0

Community Noise

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

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	49.6 dB		--- dB		--- dB	
L _{S(max)}	56.9 dB	2025-12-10 10:17:16	--- dB	None	--- dB	None
L _{S(min)}	45.4 dB	2025-12-10 10:19:04	--- dB	None	--- dB	None
L _{Peak(max)}	74.4 dB	2025-12-10 10:12:16	--- dB	None	--- dB	None

Overloads

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

Statistics

LAS 2.0	55.0 dB
LAS 8.0	52.7 dB
LAS 25.0	49.7 dB
LAS 50.0	48.3 dB
LAS 90.0	46.8 dB
LAS 99.0	45.7 dB

Measurement Report

Report Summary

Meter's File Name	LxT_Data.095.s	Computer's File Name	LxT_0005426-20251210 105350-LxT_Data.095.ldbin
Meter	LxT1 0005426	Firmware	2.404
User	LZ	Location	ST-2
Job Description	IRW-05		
Note			
Start Time	2025-12-10 10:53:50	Duration	0:15:00.0
End Time	2025-12-10 11:08:50	Run Time	0:15:00.0
Pre-Calibration	2025-12-10 09:57:36	Post-Calibration	None
		Pause Time	0:00:00.0
		Calibration Deviation	---

Results

Overall Metrics

LA _{eq}	63.5 dB		
LAE	93.0 dB	SEA	--- dB
EA	223.9 µPa²h		
EA8	7.2 mPa²h		
EA40	35.8 mPa²h		
LA _{Speak}	96.2 dB		2025-12-10 10:58:15
LA _{Smax}	79.6 dB		2025-12-10 10:55:50
LA _{Smin}	45.5 dB		2025-12-10 11:02:51
LA _{eq}	63.5 dB		
LC _{eq}	73.8 dB	LC _{eq} - LA _{eq}	10.3 dB
LA _{Ieq}	66.7 dB	LA _{Ieq} - LA _{eq}	3.2 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LASpeak > 135.0 dB	0	0:00:00.0
LASpeak > 137.0 dB	0	0:00:00.0
LASpeak > 140.0 dB	0	0:00:00.0

Community Noise

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

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	63.6 dB		--- dB		--- dB	
LS _(max)	79.6 dB	2025-12-10 10:55:50	--- dB	None	--- dB	None
LS _(min)	45.5 dB	2025-12-10 11:02:51	--- dB	None	--- dB	None
L _{Peak(max)}	96.2 dB	2025-12-10 10:58:15	--- dB	None	--- dB	None

Overloads

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

Statistics

LAS 2.0	72.8 dB
LAS 8.0	68.7 dB
LAS 25.0	62.5 dB
LAS 50.0	56.1 dB
LAS 90.0	48.8 dB
LAS 99.0	45.8 dB

Measurement Report

Report Summary

Meter's File Name	LxT_Data.096.s	Computer's File Name	LxT_0005426-20251210 111458-LxT_Data.096.ldbin
Meter	LxT1 0005426	Firmware	2.404
User	LZ	Location	ST-3
Job Description	IRW-05		
Note			
Start Time	2025-12-10 11:14:58	Duration	0:15:00.0
End Time	2025-12-10 11:29:58	Run Time	0:14:51.6
		Pause Time	0:00:08.4
Pre-Calibration	2025-12-10 09:57:36	Post-Calibration	None
		Calibration Deviation	---

Results

Overall Metrics

LA _{eq}	69.0 dB		
LAE	98.5 dB	SEA	--- dB
EA	786.9 µPa²h		
EA8	25.4 mPa²h		
EA40	127.1 mPa²h		
LA _{Speak}	95.3 dB		2025-12-10 11:25:13
LA _{Smax}	82.6 dB		2025-12-10 11:25:14
LA _{Smin}	47.5 dB		2025-12-10 11:19:39
LA _{eq}	69.0 dB		
LC _{eq}	76.2 dB	LC _{eq} - LA _{eq}	7.2 dB
LA _{Ieq}	70.3 dB	LA _{Ieq} - LA _{eq}	1.3 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LASpeak > 135.0 dB	0	0:00:00.0
LASpeak > 137.0 dB	0	0:00:00.0
LASpeak > 140.0 dB	0	0:00:00.0

Community Noise

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

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	69.1 dB		--- dB		--- dB	
LS _(max)	82.6 dB	2025-12-10 11:25:14	--- dB	None	--- dB	None
LS _(min)	47.5 dB	2025-12-10 11:19:39	--- dB	None	--- dB	None
L _{Peak(max)}	95.3 dB	2025-12-10 11:25:13	--- dB	None	--- dB	None

Overloads

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

Statistics

LAS 2.0	75.0 dB
LAS 8.0	72.5 dB
LAS 25.0	70.4 dB
LAS 50.0	67.2 dB
LAS 90.0	58.8 dB
LAS 99.0	48.5 dB

Measurement Report

Report Summary

Meter's File Name	LxT_Data.098.s	Computer's File Name	LxT_0005426-20251210 114104-LxT_Data.098.ldbin
Meter	LxT1 0005426	Firmware	2.404
User	LZ	Location	ST-4
Job Description	IRW-05		
Note			
Start Time	2025-12-10 11:41:04	Duration	0:15:00.0
End Time	2025-12-10 11:56:04	Run Time	0:15:00.0
Pre-Calibration	2025-12-10 09:57:36	Post-Calibration	None
		Pause Time	0:00:00.0
		Calibration Deviation	---

Results

Overall Metrics

LA _{eq}	63.7 dB		
LAE	93.2 dB	SEA	--- dB
EA	234.4 µPa²h		
EA8	7.5 mPa²h		
EA40	37.5 mPa²h		
LA _{Speak}	103.3 dB		2025-12-10 11:52:29
LA _{Smax}	83.3 dB		2025-12-10 11:52:29
LA _{Smin}	50.0 dB		2025-12-10 11:41:19
LA _{eq}	63.7 dB		
LC _{eq}	74.9 dB	LC _{eq} - LA _{eq}	11.2 dB
LA _{Ieq}	67.7 dB	LA _{Ieq} - LA _{eq}	4.0 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LASpeak > 135.0 dB	0	0:00:00.0
LASpeak > 137.0 dB	0	0:00:00.0
LASpeak > 140.0 dB	0	0:00:00.0

Community Noise

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

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	63.7 dB		--- dB		--- dB	
L _{S(max)}	83.3 dB	2025-12-10 11:52:29	--- dB	None	--- dB	None
L _{S(min)}	50.0 dB	2025-12-10 11:41:19	--- dB	None	--- dB	None
L _{Peak(max)}	103.3 dB	2025-12-10 11:52:29	--- dB	None	--- dB	None

Overloads

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

Statistics

LAS 2.0	71.1 dB
LAS 8.0	67.4 dB
LAS 25.0	62.2 dB
LAS 50.0	59.3 dB
LAS 90.0	55.2 dB
LAS 99.0	51.5 dB

Long-Term 24 Hour Continuous Noise Monitoring Calculation Input Sheet

Project: IRW-05
Date: December 10-11, 2025
Site: LT-1

Hour	Leq	Lmax	L50	L90
10:00	62.6	74.5	62.1	60.1
11:00	59.3	73.0	57.7	53.5
12:00	53.8	68.3	52.4	50.0
13:00	54.6	72.1	52.2	50.4
14:00	54.7	75.2	50.7	49.3
15:00	55.8	74.4	51.5	50.1
16:00	59.3	78.0	56.1	53.5
17:00	63.2	79.5	61.9	59.0
18:00	64.2	77.7	63.1	61.8
19:00	65.3	76.8	64.6	62.4
20:00	67.7	79.8	67.2	64.8
21:00	68.4	77.9	68.1	66.3
22:00	67.6	79.8	67.2	65.6
23:00	66.7	79.4	66.3	64.2
0:00	65.5	82.1	64.8	62.4
1:00	65.4	80.3	64.6	61.9
2:00	63.6	69.4	63.4	60.6
3:00	65.8	77.1	65.4	61.7
4:00	66.7	78.5	66.2	64.0
5:00	68.5	76.9	68.3	66.1
6:00	68.9	78.9	68.5	67.2
7:00	67.6	81.4	66.9	64.1
8:00	66.9	79.0	66.5	64.7
9:00	64.4	75.7	63.7	55.9

	Averages			
	Leq	Lmax	L50	L90
Daytime (7 a.m. - 7 p.m.)	62.8	75.7	58.7	56.0
Evening (7 p.m. - 9 p.m.)	67.3	78.2	66.6	64.5
Nighttime (9 p.m. - 7 a.m.)	66.8	78.0	66.1	63.7

Percentage of Energy	
Daytime	28%
Evening	20%
Nighttime	52%

Calculated CNEL, dBA
73.2

Long-Term 24 Hour Continuous Noise Monitoring Calculation Input Sheet

Project: IRW-05
Date: December 10-11, 2025
Site: LT-3

Hour	Leq	Lmax	L50	L90
10:00	45.6	57.1	44.5	43.4
11:00	44.3	55.8	42.9	41.5
12:00	43.3	58.8	41.4	40.4
13:00	44.6	57.8	42.5	40.7
14:00	44.2	61.3	42.2	41.0
15:00	44.3	58.3	42.9	42.0
16:00	50.4	72.1	48.1	46.6
17:00	54.1	69.5	52.8	49.2
18:00	57.3	70.5	56.6	55.0
19:00	56.9	68.3	56.3	55.1
20:00	58.1	70.4	57.7	54.7
21:00	58.9	67.6	58.6	56.9
22:00	57.8	66.6	57.3	55.5
23:00	56.7	64.0	56.2	54.2
0:00	56.5	67.2	56.1	53.9
1:00	56.6	72.1	55.8	53.7
2:00	55.8	61.0	55.5	53.1
3:00	57.1	70.4	56.6	53.5
4:00	57.9	66.1	57.7	55.4
5:00	58.1	69.1	57.8	56.4
6:00	59.6	67.7	59.3	57.9
7:00	58.2	68.6	57.9	55.9
8:00	58.7	81.1	56.3	54.5
9:00	52.5	66.6	46.4	43.4

	Averages			
	Leq	Lmax	L50	L90
Daytime (7 a.m. - 7 p.m.)	53.4	64.8	47.9	46.1
Evening (7 p.m. - 9 p.m.)	58.0	68.8	57.5	55.6
Nighttime (9 p.m. - 7 a.m.)	57.5	67.1	56.9	54.8

Percentage of Energy	
Daytime	28%
Evening	20%
Nighttime	52%

Calculated CNEL, dBA

63.9

Long-Term 24 Hour Continuous Noise Monitoring Calculation Input Sheet

Project: IRW-05
Date: December 10-11, 2025
Site: LT-4

Hour	Leq	Lmax	L50	L90
10:00	46.6	61.6	44.4	42.9
11:00	44.7	57.3	42.8	41.4
12:00	43.7	61.0	41.3	40.1
13:00	44.6	62.3	41.4	39.6
14:00	44.1	56.8	41.4	39.4
15:00	43.0	57.8	41.0	39.9
16:00	50.5	77.7	44.7	43.4
17:00	51.1	67.4	50.6	45.7
18:00	55.0	75.8	54.0	52.7
19:00	54.5	65.5	54.2	53.1
20:00	54.9	76.1	53.6	52.3
21:00	55.5	61.3	55.4	53.3
22:00	54.9	69.4	54.4	52.4
23:00	53.1	61.9	52.7	51.0
0:00	53.6	58.9	53.3	51.2
1:00	53.4	66.0	52.8	51.2
2:00	53.6	59.5	53.2	51.1
3:00	53.8	59.1	53.6	51.2
4:00	55.4	61.4	55.3	53.3
5:00	54.6	61.5	54.4	53.4
6:00	56.3	63.2	56.0	54.9
7:00	55.2	66.3	54.8	53.3
8:00	55.3	74.0	53.2	51.7
9:00	49.7	58.7	48.4	44.2

	Averages			
	Leq	Lmax	L50	L90
Daytime (7 a.m. - 7 p.m.)	51.0	64.7	46.5	44.5
Evening (7 p.m. - 9 p.m.)	55.0	67.6	54.4	52.9
Nighttime (9 p.m. - 7 a.m.)	54.4	62.3	54.0	52.2

Percentage of Energy	
Daytime	30%
Evening	19%
Nighttime	51%

Calculated CNEL, dBA

60.9

Project: IRW-05

User: LZ

Location: LT-1

<u>No.</u>	<u>Start Date</u>	<u>Start Time</u>	<u>LT-4</u>	<u>Duration</u>	<u>Leg</u>	<u>Lmax</u>	<u>Lmin</u>	<u>L1</u>	<u>L2</u>	<u>L5</u>	<u>L8</u>	<u>L10</u>	<u>L25</u>	<u>L50</u>	<u>L90</u>	<u>L95</u>	<u>L99</u>
1	12/10/2025	10:00 AM	11:00 AM	1:00	62.6	74.5	48.1	68.8	65.5	64.3	63.9	63.8	63.0	62.1	60.1	59.5	58.5
2	12/10/2025	11:00 AM	12:00 PM	1:00	59.3	73.0	48.6	64.2	63.3	62.7	62.4	62.2	61.2	57.7	53.5	52.8	52.1
3	12/10/2025	12:00 PM	1:00 PM	1:00	53.8	68.3	47.7	62.3	58.8	56.9	56.1	55.7	54.0	52.4	50.0	49.5	48.9
4	12/10/2025	1:00 PM	2:00 PM	1:00	54.6	72.1	48.3	65.3	61.2	57.4	55.8	55.1	53.3	52.2	50.4	50.0	49.4
5	12/10/2025	2:00 PM	3:00 PM	1:00	54.7	75.2	50.3	66.9	61.9	55.1	53.7	53.2	51.8	50.7	49.3	49.0	48.4
6	12/10/2025	3:00 PM	4:00 PM	1:00	55.8	74.4	56.7	68.1	64.0	58.9	56.4	55.0	52.7	51.5	50.1	49.7	49.2
7	12/10/2025	4:00 PM	5:00 PM	1:00	59.3	78.0	59.7	70.8	66.5	62.8	60.4	59.6	57.7	56.1	53.5	52.9	51.0
8	12/10/2025	5:00 PM	6:00 PM	1:00	63.2	79.5	59.6	71.9	67.8	65.4	64.5	64.2	63.0	61.9	59.0	58.4	57.6
9	12/10/2025	6:00 PM	7:00 PM	1:00	64.2	77.7	61.2	72.4	69.0	66.9	65.5	65.1	64.0	63.1	61.8	61.4	60.8
10	12/10/2025	7:00 PM	8:00 PM	1:00	65.3	76.8	63.9	71.7	69.6	67.8	67.1	66.8	65.7	64.6	62.4	61.7	60.4
11	12/10/2025	8:00 PM	9:00 PM	1:00	67.7	79.8	63.2	73.0	71.1	69.9	69.5	69.4	68.5	67.2	64.8	64.1	63.2
12	12/10/2025	9:00 PM	10:00 PM	1:00	68.4	77.9	59.5	72.7	71.2	70.3	70.0	69.8	69.0	68.1	66.3	65.6	64.8
13	12/10/2025	10:00 PM	11:00 PM	1:00	67.6	79.8	57.2	71.1	70.4	69.5	69.2	69.0	68.2	67.2	65.6	65.1	64.4
14	12/10/2025	11:00 PM	12:00 AM	1:00	66.7	79.4	54.5	71.1	70.1	69.0	68.5	68.3	67.3	66.3	64.2	63.4	61.8
15	12/11/2025	12:00 AM	1:00 AM	1:00	65.5	82.1	53.9	69.9	69.1	68.0	67.4	67.1	66.0	64.8	62.4	61.7	60.3
16	12/11/2025	1:00 AM	2:00 AM	1:00	65.4	80.3	57.2	71.3	69.5	68.0	67.4	67.1	65.8	64.6	61.9	61.0	58.7
17	12/11/2025	2:00 AM	3:00 AM	1:00	63.6	69.4	60.2	67.1	66.7	66.1	65.8	65.6	64.7	63.4	60.6	59.3	57.3
18	12/11/2025	3:00 AM	4:00 AM	1:00	65.8	77.1	62.5	70.0	69.5	68.7	68.3	68.0	67.0	65.4	61.7	60.7	58.8
19	12/11/2025	4:00 AM	5:00 AM	1:00	66.7	78.5	64.7	70.7	69.9	68.9	68.5	68.4	67.4	66.2	64.0	63.4	62.3
20	12/11/2025	5:00 AM	6:00 AM	1:00	68.5	76.9	60.7	72.2	71.1	70.4	70.1	70.0	69.2	68.3	66.1	65.4	64.1
21	12/11/2025	6:00 AM	7:00 AM	1:00	68.9	78.9	62.7	73.4	71.5	70.6	70.3	70.1	69.3	68.5	67.2	66.7	65.9
22	12/11/2025	7:00 AM	8:00 AM	1:00	67.6	81.4	51.3	72.1	71.0	70.1	69.7	69.6	68.6	66.9	64.1	63.1	61.8
23	12/11/2025	8:00 AM	9:00 AM	1:00	66.9	79.0	48.7	72.6	70.2	68.6	68.1	67.9	67.2	66.5	64.7	64.1	63.4
24	12/11/2025	9:00 AM	10:00 AM	1:00	64.4	75.7	46.8	69.9	68.7	67.8	67.5	67.3	66.3	63.7	55.9	54.5	53.2

Project: IRW-05

User: LZ

Location: LT-2

<u>No.</u>	<u>Start Date</u>	<u>Start Time</u>	<u>LT-4</u>	<u>Duration</u>	<u>Leg</u>	<u>Lmax</u>	<u>Lmin</u>	<u>L1</u>	<u>L2</u>	<u>L5</u>	<u>L8</u>	<u>L10</u>	<u>L25</u>	<u>L50</u>	<u>L90</u>	<u>L95</u>	<u>L99</u>
9	12/10/2025	6:00 PM	7:00 PM	1:00	61.2	77.2	57.3	68.9	66.2	63.8	62.6	62.2	61.1	60.2	58.8	58.5	57.8
10	12/10/2025	7:00 PM	8:00 PM	1:00	61.1	72.1	56.1	68.2	65.9	63.2	62.5	62.2	61.1	60.3	59.1	58.7	57.8

Project: IRW-05

User: LZ

Location: LT-3

<u>No.</u>	<u>Start Date</u>	<u>Start Time</u>	<u>LT-4</u>	<u>Duration</u>	<u>Leq</u>	<u>Lmax</u>	<u>Lmin</u>	<u>L1</u>	<u>L2</u>	<u>L5</u>	<u>L8</u>	<u>L10</u>	<u>L25</u>	<u>L50</u>	<u>L90</u>	<u>L95</u>	<u>L99</u>
1	12/10/2025	10:00 AM	11:00 AM	1:00	45.6	57.1	42.5	53.3	51.5	48.6	47.5	47.1	45.5	44.5	43.4	43.1	42.7
2	12/10/2025	11:00 AM	12:00 PM	1:00	44.3	55.8	40.8	51.4	50.2	48.2	46.9	46.3	44.1	42.9	41.5	41.4	41.1
3	12/10/2025	12:00 PM	1:00 PM	1:00	43.3	58.8	40.0	50.7	48.9	46.6	45.6	45.0	42.6	41.4	40.4	40.3	40.1
4	12/10/2025	1:00 PM	2:00 PM	1:00	44.6	57.8	39.9	53.8	51.4	48.8	47.5	47.0	44.3	42.5	40.7	40.4	40.1
5	12/10/2025	2:00 PM	3:00 PM	1:00	44.2	61.3	40.3	50.8	49.8	48.2	47.1	46.6	43.9	42.2	41.0	40.9	40.4
6	12/10/2025	3:00 PM	4:00 PM	1:00	44.3	58.3	41.3	53.8	49.2	46.2	45.2	44.9	43.7	42.9	42.0	41.9	41.6
7	12/10/2025	4:00 PM	5:00 PM	1:00	50.4	72.1	44.0	60.2	56.5	51.2	50.2	49.8	48.8	48.1	46.6	45.8	44.7
8	12/10/2025	5:00 PM	6:00 PM	1:00	54.1	69.5	47.2	60.0	58.4	57.4	56.8	56.7	55.2	52.8	49.2	48.7	48.0
9	12/10/2025	6:00 PM	7:00 PM	1:00	57.3	70.5	52.9	63.7	62.1	59.6	58.8	58.5	57.4	56.6	55.0	54.5	53.9
10	12/10/2025	7:00 PM	8:00 PM	1:00	56.9	68.3	53.9	62.6	60.9	58.9	58.2	57.9	57.0	56.3	55.1	54.8	54.4
11	12/10/2025	8:00 PM	9:00 PM	1:00	58.1	70.4	52.3	62.7	61.7	60.8	60.2	60.0	59.1	57.7	54.7	54.1	53.2
12	12/10/2025	9:00 PM	10:00 PM	1:00	58.9	67.6	54.9	62.6	61.5	60.8	60.4	60.3	59.4	58.6	56.9	56.4	55.7
13	12/10/2025	10:00 PM	11:00 PM	1:00	57.8	66.6	53.1	61.9	61.0	60.2	59.7	59.5	58.4	57.3	55.5	55.0	54.1
14	12/10/2025	11:00 PM	12:00 AM	1:00	56.7	64.0	51.5	61.0	60.1	59.3	58.8	58.6	57.5	56.2	54.2	53.6	52.7
15	12/11/2025	12:00 AM	1:00 AM	1:00	56.5	67.2	49.5	60.1	59.6	59.0	58.6	58.3	57.2	56.1	53.9	53.3	51.4
16	12/11/2025	1:00 AM	2:00 AM	1:00	56.6	72.1	48.4	63.2	60.7	58.9	58.2	58.0	56.9	55.8	53.7	52.9	50.9
17	12/11/2025	2:00 AM	3:00 AM	1:00	55.8	61.0	49.6	59.0	58.7	58.1	57.8	57.6	56.6	55.5	53.1	52.3	50.9
18	12/11/2025	3:00 AM	4:00 AM	1:00	57.1	70.4	50.4	61.0	60.4	59.7	59.3	59.1	58.1	56.6	53.5	52.8	51.4
19	12/11/2025	4:00 AM	5:00 AM	1:00	57.9	66.1	52.6	61.1	60.5	59.9	59.6	59.4	58.6	57.7	55.4	54.5	53.4
20	12/11/2025	5:00 AM	6:00 AM	1:00	58.1	69.1	54.7	62.1	60.8	60.1	59.6	59.4	58.5	57.8	56.4	56.0	55.4
21	12/11/2025	6:00 AM	7:00 AM	1:00	59.6	67.7	56.2	63.1	62.3	61.5	61.1	60.9	60.1	59.3	57.9	57.5	56.9
22	12/11/2025	7:00 AM	8:00 AM	1:00	58.2	68.6	53.4	62.5	61.3	60.5	59.9	59.7	58.8	57.9	55.9	55.4	54.7
23	12/11/2025	8:00 AM	9:00 AM	1:00	58.7	81.1	52.1	62.9	60.4	58.4	58.1	57.9	57.1	56.3	54.5	54.0	53.2
24	12/11/2025	9:00 AM	10:00 AM	1:00	52.5	66.6	69.4	59.8	58.6	57.3	56.8	56.4	54.8	46.4	43.4	43.1	42.7

Project: IRW-05

User: LZ

Location: LT-4

<u>No.</u>	<u>Start Date</u>	<u>Start Time</u>	<u>LT-4</u>	<u>Duration</u>	<u>Leq</u>	<u>Lmax</u>	<u>Lmin</u>	<u>L1</u>	<u>L2</u>	<u>L5</u>	<u>L8</u>	<u>L10</u>	<u>L25</u>	<u>L50</u>	<u>L90</u>	<u>L95</u>	<u>L99</u>
1	12/10/2025	10:00 AM	11:00 AM	1:00 AM	46.6	61.6	41.8	55.5	53.5	51.0	49.7	48.9	45.9	44.4	42.9	42.6	42.1
2	12/10/2025	11:00 AM	12:00 PM	1:00 AM	44.7	57.3	40.7	52.5	51.7	49.1	47.8	47.1	44.3	42.8	41.4	41.2	40.9
3	12/10/2025	12:00 PM	1:00 PM	1:00 AM	43.7	61.0	39.2	52.9	50.7	47.3	46.2	45.7	42.9	41.3	40.1	39.8	39.5
4	12/10/2025	1:00 PM	2:00 PM	1:00 AM	44.6	62.3	39.1	54.2	52.1	49.4	48.1	47.3	44.0	41.4	39.6	39.4	39.2
5	12/10/2025	2:00 PM	3:00 PM	1:00 AM	44.1	56.8	38.8	52.9	51.4	49.4	48.0	47.2	43.7	41.4	39.4	39.2	38.9
6	12/10/2025	3:00 PM	4:00 PM	1:00 AM	43.0	57.8	39.3	52.1	49.0	45.8	44.3	43.7	42.0	41.0	39.9	39.7	39.4
7	12/10/2025	4:00 PM	5:00 PM	1:00 AM	50.5	77.7	41.8	56.9	52.8	48.8	47.1	46.6	45.5	44.7	43.4	42.9	42.1
8	12/10/2025	5:00 PM	6:00 PM	1:00 AM	51.1	67.4	44.2	56.1	55.1	54.0	53.6	53.4	52.5	50.6	45.7	45.2	44.7
9	12/10/2025	6:00 PM	7:00 PM	1:00 AM	55.0	75.8	51.4	58.7	57.2	56.0	55.6	55.4	54.7	54.0	52.7	52.4	51.9
10	12/10/2025	7:00 PM	8:00 PM	1:00 AM	54.5	65.5	51.6	57.2	56.7	56.1	55.7	55.5	54.9	54.2	53.1	52.8	52.3
11	12/10/2025	8:00 PM	9:00 PM	1:00 AM	54.9	76.1	50.5	57.9	57.3	56.6	56.2	56.0	54.9	53.6	52.3	52.0	51.6
12	12/10/2025	9:00 PM	10:00 PM	1:00 AM	55.5	61.3	51.3	58.6	58.1	57.3	57.0	56.8	56.2	55.4	53.3	52.7	52.1
13	12/10/2025	10:00 PM	11:00 PM	1:00 AM	54.9	69.4	50.1	59.1	58.1	57.3	56.8	56.6	55.3	54.4	52.4	51.6	50.6
14	12/10/2025	11:00 PM	12:00 AM	1:00 AM	53.1	61.9	49.1	56.6	56.0	55.4	55.0	54.9	53.7	52.7	51.0	50.7	50.1
15	12/11/2025	12:00 AM	1:00 AM	1:00 AM	53.6	58.9	47.8	57.0	56.5	55.9	55.6	55.4	54.3	53.3	51.2	50.6	49.2
16	12/11/2025	1:00 AM	2:00 AM	1:00 AM	53.4	66.0	47.4	59.2	57.7	55.5	54.9	54.7	53.8	52.8	51.2	50.4	48.7
17	12/11/2025	2:00 AM	3:00 AM	1:00 AM	53.6	59.5	48.1	57.6	56.9	56.0	55.6	55.4	54.4	53.2	51.1	50.2	49.1
18	12/11/2025	3:00 AM	4:00 AM	1:00 AM	53.8	59.1	48.1	57.0	56.6	55.9	55.6	55.4	54.6	53.6	51.2	50.6	49.6
19	12/11/2025	4:00 AM	5:00 AM	1:00 AM	55.4	61.4	51.3	58.2	57.9	57.3	57.0	56.9	56.2	55.3	53.3	52.8	52.1
20	12/11/2025	5:00 AM	6:00 AM	1:00 AM	54.6	61.5	51.8	56.8	56.4	56.0	55.7	55.6	55.0	54.4	53.4	53.1	52.5
21	12/11/2025	6:00 AM	7:00 AM	1:00 AM	56.3	63.2	53.7	59.1	58.6	58.0	57.7	57.6	56.8	56.0	54.9	54.7	54.3
22	12/11/2025	7:00 AM	8:00 AM	1:00 AM	55.2	66.3	51.2	58.8	58.2	57.3	56.9	56.7	55.7	54.8	53.3	52.9	51.8
23	12/11/2025	8:00 AM	9:00 AM	1:00 AM	55.3	74.0	49.8	62.8	57.0	55.9	55.6	55.4	54.2	53.2	51.7	51.3	50.7
24	12/11/2025	9:00 AM	10:00 AM	1:00 AM	49.7	58.7	42.9	55.8	54.9	53.5	52.7	52.3	51.3	48.4	44.2	43.8	43.3

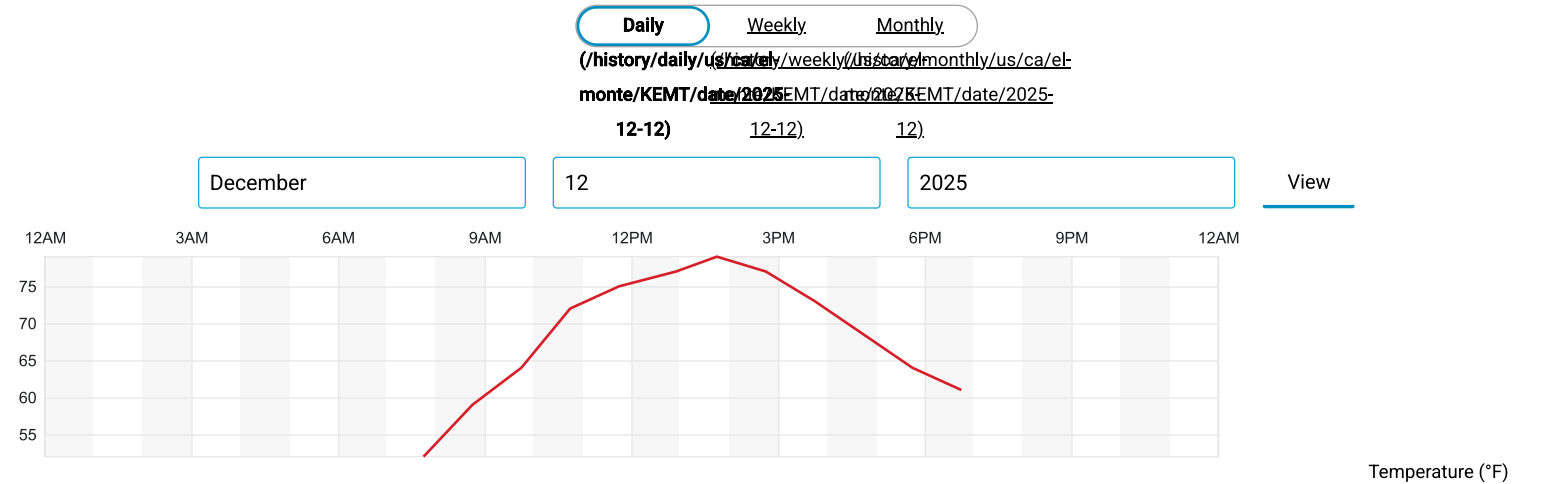
34.07 °N, 118.03 °W

El Monte, CA Weather History ★ 🏠

🌤️ 44° [SAN GABRIEL VALLEY AIRPORT STATION \(/DASHBOARD/PWS/KCAELMON6?CM_VEN=LOCALWX_PWSDASH\)](/DASHBOARD/PWS/KCAELMON6?CM_VEN=LOCALWX_PWSDASH) | [CHANGE](#) ✓

HISTORY (/HISTORY/DAILY/US/CA/EL-MONTE/KEMT)

- [TODAY \(/WEATHER/US/CA/EL-MONTE/KEMT\)](/WEATHER/US/CA/EL-MONTE/KEMT)
- [HOURLY \(/HOURLY/US/CA/EL-MONTE/KEMT\)](/HOURLY/US/CA/EL-MONTE/KEMT)
- [10-DAY \(/FORECAST/US/CA/EL-MONTE/KEMT\)](/FORECAST/US/CA/EL-MONTE/KEMT)
- [CALENDAR \(/CALENDAR/US/CA/EL-MONTE/KEMT\)](/CALENDAR/US/CA/EL-MONTE/KEMT)
- [HISTORY \(/HISTORY/DAILY/US/CA/EL-MONTE/KEMT\)](/HISTORY/DAILY/US/CA/EL-MONTE/KEMT)
- [WUNDERMAP \(/WUNDERMAP?LAT=34.07&LON=-118.03\)](/WUNDERMAP?LAT=34.07&LON=-118.03)



C O N S T R U C T I O N M O D E L I N G R E S U L T S

.....

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 12/26/2025
Case Description: IRW-05.0 Demolition

**** Receptor #1 ****

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Receptor at 50 feet	Residential	65.0	60.0	55.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	50.0	0.0
Excavator	No	40		80.7	50.0	0.0
Dozer	No	40		81.7	50.0	0.0

Results

[illegible]

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 12/26/2025
Case Description: IRW-05.0 Site Preparation

**** Receptor #1 ****

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Receptor at 50 feet	Residential	65.0	60.0	55.0

Description	Impact Device	Usage (%)	Equipment			
			Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Front End Loader	No	40		79.1	50.0	0.0
Backhoe	No	40		77.6	50.0	0.0
Dozer	No	40		81.7	50.0	0.0

Results

Equipment	Noise Limits (dBA)									Noise Limit Exceedance (dBA)					
	Calculated (dBA)		Day		Evening		Night			Day		Evening		Night	
	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq		Lmax	Leq	Lmax	Leq	Lmax	Leq
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
Dozer	81.7	77.7	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
Total	81.7	80.6	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 12/26/2025
Case Description: IRW-05.0 Grading

**** Receptor #1 ****

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Receptor at 50 feet	Residential	65.0	60.0	55.0

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Equipment		
				Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Excavator	No	40		80.7	50.0	0.0
Grader	No	40	85.0		50.0	0.0
Scraper	No	40		83.6	50.0	0.0

Results

Equipment	Noise Limits (dBA)									Noise Limit Exceedance (dBA)					
	Calculated (dBA)		Day		Evening		Night			Day		Evening		Night	
	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq		Lmax	Leq	Lmax	Leq	Lmax	Leq
Excavator	80.7	76.7	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
Grader	85.0	81.0	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
Scraper	83.6	79.6	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
Total	85.0	84.2	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 12/26/2025
Case Description: IRW-05.0 Building Construction

**** Receptor #1 ****

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Receptor at 50 feet	Residential	65.0	60.0	55.0

Description	Impact Device	Usage (%)	Equipment			
			Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Crane	No	16		80.6	50.0	0.0
Generator	No	50		80.6	50.0	0.0
Front End Loader	No	40		79.1	50.0	0.0

Results

Equipment	Noise Limits (dBA)									Noise Limit Exceedance (dBA)					
	Calculated (dBA)		Day		Evening		Night			Day		Evening		Night	
	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq		Lmax	Leq	Lmax	Leq	Lmax	Leq
Crane	80.6	72.6	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
Generator	80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
Total	80.6	80.4	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM), Version 1.1

Report date:	12/26/2025
Case Description:	IRW-05.0 Architectural Coating

**** Receptor #1 ****

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Receptor at 50 feet	Residential	65.0	60.0	55.0

Description	Impact Device	Usage (%)	Equipment		Receptor Distance (feet)	Estimated Shielding (dBA)
			Spec Lmax (dBA)	Actual Lmax (dBA)		
Compressor (air)	No	40		77.7	50.0	0.0
Compressor (air)	No	40		77.7	50.0	0.0

Results

[illegible]

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 12/26/2025
Case Description: IRW-05.0 Paving

**** Receptor #1 ****

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Receptor at 50 feet	Residential	65.0	60.0	55.0

Description	Impact Device	Usage (%)	Equipment			
			Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Paver	No	50		77.2	50.0	0.0
Paver	No	50		77.2	50.0	0.0
Roller	No	20		80.0	50.0	0.0

Results

		Noise Limits (dBA)								Noise Limit Exceedance (dBA)					
		Calculated (dBA)		Day		Evening		Night		Day		Evening		Night	
Equipment		Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Paver		77.2	74.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver		77.2	74.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller		80.0	73.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total	80.0	78.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

IRW-05 -Phase 1 Construction Noise Modeling Attenuation Calculations					
Levels in dBA Leq					
Phase	RCNM Reference				
	Noise Level	Receptor to North	Receptor to East	Receptor to South	Receptor to West
	<i>Distance in feet</i>	<i>50</i>	<i>420</i>	<i>300</i>	<i>300</i>
Site Prep	81	63	65	65	60
Grading	84	66	68	68	63
	<i>Distance in feet</i>	<i>50</i>	<i>275</i>	<i>250</i>	<i>350</i>
Building Construction	80	65	66	66	63
Architectural Coating	77	62	63	63	60
	<i>Distance in feet</i>	<i>50</i>	<i>115</i>	<i>120</i>	<i>200</i>
Paving	79	72	67	71	67
Attenuation calculated through Inverse Square Law: $L_p(R2) = L_p(R1) - 20\text{Log}(R2/R1)$					

IRW-05 - Phase 1 Vibration Damage Attenuation Calculations

Levels, PPV (in/sec)

<i>Distance in feet</i>	Vibration Reference Level at 25 feet	Receptor to North 115	Receptor to East 210	Receptor to South 120	Receptor to West 200
Vibratory Roller	0.21	0.021	0.009	0.020	0.009
Clam shovel	0.202	0.020	0.008	0.019	0.009
Hoe Ram	0.089	0.009	0.004	0.008	0.004
Large Bulldozer	0.089	0.009	0.004	0.008	0.004
Caisson Drilling	0.089	0.009	0.004	0.008	0.004
Loaded Trucks	0.076	0.008	0.003	0.007	0.003
Jackhammer	0.035	0.004	0.001	0.003	0.002
Small Bulldozer	0.003	0.000	0.000	0.000	0.000

IRW-05 -Phase 2 Construction Noise Modeling Attenuation Calculations			
Levels in dBA Leq			
Phase	RCNM Reference Noise Level	Receptor to East	Receptor to West
<i>Distance in feet</i>	50	475	950
Site Prep	81.0	61	55
Grading	84.0	64	58
<i>Distance in feet</i>	50	315	700
Building Construction	80.0	64	57
Architectural Coating	77.0	61	54
<i>Distance in feet</i>	50	255	615
Paving	79.0	65	57
Attenuation calculated through Inverse Square Law: $L_p(R2) = L_p(R1) - 20\text{Log}(R2/R1)$			

IRW-05 - Phase 2 Vibration Damage Attenuation Calculations			
	Vibration Reference Level at 25 feet	Receptor to East 200	Receptor to West 225
<i>Distance in feet</i>			
Vibratory Roller	0.21	0.009	0.008
Clam shovel	0.202	0.009	0.007
Hoe Ram	0.089	0.004	0.003
Large Bulldozer	0.089	0.004	0.003
Caisson Drilling	0.089	0.004	0.003
Loaded Trucks	0.076	0.003	0.003
Jackhammer	0.035	0.002	0.001
Small Bulldozer	0.003	0.000	0.000

T R A F F I C M O D E L I N G R E S U L T S

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Traffic Noise Calculator: FHWA 77-108																						
Brew Yard Specific Plan (IRW-05.0) Existing Traffic Noise Traffic Conditions																						
ID	Output						Inputs														Auto Inputs	
	dBA at 50 feet			Distance to CNEL Contour																	Ground Absorption	Lane Distance
	L _{eq} 24hr	L _{dn}	CNEL	70 dBA	65 dBA	60 dBA	Roadway	Segment From - To			ADT	Posted Speed Limit	Grade	% Autos	% Med Trucks	% Heavy Trucks	% Daytime	% Evening	% Night	Number of Lanes	Site Condition	Distance to Receiver
1	63.0	65.8	66.5	58	126	272	Live Oak Ave	Arrow Hwy	I-605		16,020	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100
2	63.3	66.1	66.8	61	131	283	Live Oak Ave	I-605	Maine Ave		18,040	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100
3	63.3	66.1	66.8	61	132	284	Arrow Hwy	I-605	Live Oak Ave		18,090	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100
4	66.5	69.3	70.0	99	214	461	Arrow Hwy	Live Oak Ave	Azusa Canyon Rd		35,420	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100
5	64.8	67.6	68.3	77	165	356	Arrow Hwy	Azusa Canyon Rd	Irwindale Ave		24,060	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100
6	63.0	65.8	66.5	58	125	269	Arrow Hwy	Irwindale Ave	Vincent Ave		15,830	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100
7	62.8	65.6	66.3	56	121	262	Arrow Hwy	Vincent Ave	Azusa Ave		16,020	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100
8	62.9	65.7	66.4	57	123	265	Arrow Hwy	Azusa Ave	the East		16,330	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100
9	39.0	41.8	42.5	1	3	7	First Street	the West	Martin Rd		230	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100
10	48.2	51.0	51.7	6	13	28	First Street	Martin Rd	Irwindale Brew Yard Dwy		1,920	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100
11	49.4	52.2	52.8	7	15	33	First Street	Irwindale Brew Yard Dwy	Irwindale Ave		2,510	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100
12	63.8	66.6	67.2	66	141	304	Irwindale Ave	Foothill Blvd	I-210 WB Off-Ramp		24,870	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100
13	63.8	66.6	67.3	66	142	307	Irwindale Ave	I-210 WB Off-Ramp	I-210 EB Off-Ramp		25,180	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100
14	62.7	65.5	66.2	56	120	260	Irwindale Ave	I-210 EB Off-Ramp	Jardin de Roca		20,710	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100
15	62.5	65.2	65.9	54	115	249	Irwindale Ave	Jardin de Roca	First Street		19,410	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100
16	62.4	65.1	65.8	53	113	244	Irwindale Ave	First Street	Gladstone St		18,930	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100
17	62.0	64.8	65.5	50	108	233	Irwindale Ave	Gladstone St	Arrow Hwy		16,660	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100
18	59.7	62.5	63.2	35	76	163	Irwindale Ave	Arrow Hwy	Cypress St		13,830	35	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100
19	61.1	63.9	64.5	43	93	201	Irwindale Ave	Cypress St	the South		18,870	35	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100
20	55.4	58.1	58.8	18	39	84	Vincent Ave	Arrow Hwy	the South		9,960	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100
21	61.4	64.1	64.8	45	97	210	Azusa Ave	Azusa Ave	the South		11,510	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100

Traffic Noise Calculator: FHWA 77-108				Brew Yard Specific Plan (IRW-05.0) Existing Plus Pit Fill Haul Trucks Traffic Noise Traffic Conditions																				
Output							Inputs														Auto Inputs			
dBA at 50 feet				Distance to CNEL Contour																				
ID	L _{eq 24hr}	L _{dn}	CNEL	70 dBA	65 dBA	60 dBA	Roadway		Segment From - To		ADT	Posted Speed Limit	Grade	% Autos	% Med Trucks	% Heavy Trucks	% Daytime	% Evening	% Night	Number of Lanes	Site Condition	Distance to Receiver	Ground Absorption	Lane Distance
9	59.8	62.6	63.3	36	77	166	First Street	the West	Martin Rd	1,234	25	0.0%	96.0%	2.5%	81.4%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
10	60.0	62.8	63.5	37	79	170	First Street	Martin Rd	Irwindale Brew Yard Dwy	2,924	25	0.0%	96.0%	2.5%	34.3%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
11	60.0	62.8	63.5	37	80	171	First Street	Irwindale Brew Yard Dwy	Irwindale Ave	3,514	25	0.0%	96.0%	2.5%	28.6%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
13	65.3	68.1	68.8	83	179	387	Irwindale Ave	I-210 WB Off-Ramp	I-210 EB Off-Ramp	25,874	40	0.0%	96.0%	2.5%	3.9%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68	
14	65.1	67.9	68.6	81	174	374	Irwindale Ave	I-210 EB Off-Ramp	Jardin de Roca	26,184	40	0.0%	96.0%	2.5%	3.8%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
15	64.7	67.5	68.2	75	163	350	Irwindale Ave	Jardin de Roca	First Street	21,714	40	0.0%	96.0%	2.5%	4.6%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	

Traffic Noise Calculator: FHWA 77-108																								
Brew Yard Specific Plan (IRW-05.0) Existing With Project Traffic Noise Traffic Conditions																								
	Output					Inputs																	Auto Inputs	
	dBA at 50 feet			Distance to CNEL Contour																			Ground Absorption	Lane Distance
ID	L _{eq} 24hr	L _{dn}	CNEL	70 dBA	65 dBA	60 dBA	Roadway		Segment From - To	ADT	Posted Speed Limit	Grade	% Autos	% Med Trucks	% Heavy Trucks	% Daytime	% Evening	% Night	Number of Lanes	Site Condition	Distance to Receiver			
1	63.2	66.0	66.7	60	130	280	Live Oak Ave	Arrow Hwy	I-605	16,820	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68	
2	64.1	66.9	67.6	69	148	319	Live Oak Ave	I-605	Maine Ave	21,560	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
3	63.5	66.3	67.0	63	136	292	Arrow Hwy	I-605	Live Oak Ave	18,890	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
4	67.0	69.8	70.5	107	231	498	Arrow Hwy	Live Oak Ave	Azusa Canyon Rd	39,740	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68	
5	65.5	68.3	69.0	86	184	397	Arrow Hwy	Azusa Canyon Rd	Irwindale Ave	28,370	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68	
6	63.4	66.2	66.9	62	134	288	Arrow Hwy	Irwindale Ave	Vincent Ave	17,490	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68	
7	63.0	65.8	66.5	58	126	271	Arrow Hwy	Vincent Ave	Azusa Ave	16,900	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
8	63.1	65.9	66.6	59	127	274	Arrow Hwy	Azusa Ave	the East	17,160	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
9	56.2	59.0	59.7	21	44	95	First Street	the West	Martin Rd	12,160	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
10	58.0	60.8	61.5	27	59	126	First Street	Martin Rd	Irwindale Brew Yard Dwy	18,480	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
11	58.2	61.0	61.7	28	60	129	First Street	Irwindale Brew Yard Dwy	Irwindale Ave	19,070	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
12	64.0	66.8	67.5	68	147	316	Irwindale Ave	Foothill Blvd	I-210 WB Off-Ramp	26,320	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68	
13	64.4	67.2	67.9	72	156	336	Irwindale Ave	I-210 WB Off-Ramp	I-210 EB Off-Ramp	28,810	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68	
14	63.9	66.6	67.3	66	143	308	Irwindale Ave	I-210 EB Off-Ramp	Jardin de Roca	26,760	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
15	63.6	66.4	67.1	64	138	298	Irwindale Ave	Jardin de Roca	First Street	25,470	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
16	64.3	67.1	67.7	71	152	328	Irwindale Ave	First Street	Gladstone St	29,450	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
17	63.8	66.6	67.3	66	142	305	Irwindale Ave	Gladstone St	Arrow Hwy	24,960	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68	
18	60.4	63.2	63.9	39	84	181	Irwindale Ave	Arrow Hwy	Cypress St	16,140	35	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
19	61.4	64.2	64.9	46	98	212	Irwindale Ave	Cypress St	the South	20,440	35	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
20	55.7	58.5	59.2	19	41	88	Vincent Ave	Arrow Hwy	the South	10,750	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
21	61.7	64.4	65.1	47	102	220	Azusa Ave	Azusa Ave	the South	12,310	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	

Traffic Noise Calculator: FHWA 77-108																									Brew Yard Specific Plan (IRW-05.0) Future No Project Traffic Noise Traffic Conditions											
ID	Output					Inputs																	Auto Inputs													
	dBA at 50 feet			Distance to CNEL Contour		Roadway			Segment From - To			ADT	Posted Speed Limit	Grade	% Autos	% Med Trucks	% Heavy Trucks	% Daytime	% Evening	% Night	Number of Lanes	Site Condition	Distance to Receiver	Ground Absorption	Lane Distance											
	L _{eq} 24hr	L _{dn}	CNEL	70 dBA	65 dBA	60 dBA																														
1	63.5	66.3	67.0	63	135	292	Live Oak Ave	Arrow Hwy	I-605	17,850	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68													
2	64.8	67.6	68.3	77	165	357	Live Oak Ave	I-605	Maine Ave	25,470	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44													
3	64.6	67.4	68.1	75	161	348	Arrow Hwy	I-605	Live Oak Ave	24,530	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44													
4	67.0	69.8	70.5	107	231	498	Arrow Hwy	Live Oak Ave	Azusa Canyon Rd	39,830	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68													
5	65.5	68.3	69.0	86	185	398	Arrow Hwy	Azusa Canyon Rd	Irwindale Ave	28,460	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68													
6	63.8	66.6	67.2	65	141	304	Arrow Hwy	Irwindale Ave	Vincent Ave	18,980	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68													
7	63.3	66.1	66.7	61	131	282	Arrow Hwy	Vincent Ave	Azusa Ave	17,880	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44													
8	63.3	66.1	66.8	61	132	285	Arrow Hwy	Azusa Ave	the East	18,190	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44													
9	39.0	41.8	42.5	1	3	7	First Street	the West	Martin Rd	230	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44													
10	48.3	51.1	51.8	6	13	28	First Street	Martin Rd	Irwindale Brew Yard Dwy	1,970	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44													
11	49.8	52.6	53.3	8	17	36	First Street	Irwindale Brew Yard Dwy	Irwindale Ave	2,800	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44													
12	63.6	66.4	67.1	64	138	298	Irwindale Ave	Foothill Blvd	I-210 WB Off-Ramp	24,090	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68													
13	64.3	67.1	67.8	71	153	329	Irwindale Ave	I-210 WB Off-Ramp	I-210 EB Off-Ramp	27,990	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68													
14	63.2	66.0	66.6	60	129	277	Irwindale Ave	I-210 EB Off-Ramp	Jardin de Roca	22,860	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44													
15	63.0	65.8	66.5	58	125	269	Irwindale Ave	Jardin de Roca	First Street	21,880	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44													
16	62.9	65.7	66.3	57	123	265	Irwindale Ave	First Street	Gladstone St	21,330	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44													
17	62.4	65.2	65.9	53	115	248	Irwindale Ave	Gladstone St	Arrow Hwy	18,270	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68													
18	60.0	62.8	63.5	37	80	171	Irwindale Ave	Arrow Hwy	Cypress St	14,900	35	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44													
19	61.3	64.1	64.8	45	97	209	Irwindale Ave	Cypress St	the South	20,110	35	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44													
20	56.9	59.7	60.3	23	49	105	Vincent Ave	Arrow Hwy	the South	14,130	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44													
21	61.5	64.3	65.0	46	100	215	Azusa Ave	Azusa Ave	the South	11,950	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44													

Traffic Noise Calculator: FHWA 77-108																								
Brew Yard Specific Plan (IRW-05.0) Future with Project Traffic Noise Traffic Conditions																								
	Output						Inputs															Auto Inputs		
	dBA at 50 feet			Distance to CNEL Contour																				
ID	L _{eq} 24hr	L _{dn}	CNEL	70 dBA	65 dBA	60 dBA	Roadway		Segment From - To	ADT	Posted Speed Limit	Grade	% Autos	% Med Trucks	% Heavy Trucks	% Daytime	% Evening	% Night	Number of Lanes	Site Condition	Distance to Receiver	Ground Absorption	Lane Distance	
1	63.7	66.5	67.2	65	139	300	Live Oak Ave	Arrow Hwy	I-605	18,650	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68	
2	65.4	68.2	68.8	84	180	389	Live Oak Ave	I-605	Maine Ave	28,990	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
3	64.8	67.6	68.3	77	165	355	Arrow Hwy	I-605	Live Oak Ave	25,330	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
4	67.4	70.2	70.9	115	248	534	Arrow Hwy	Live Oak Ave	Azusa Canyon Rd	44,150	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68	
5	66.1	68.9	69.6	94	203	438	Arrow Hwy	Azusa Canyon Rd	Irwindale Ave	32,770	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68	
6	64.1	66.9	67.6	69	149	321	Arrow Hwy	Irwindale Ave	Vincent Ave	20,640	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68	
7	63.5	66.3	67.0	63	135	291	Arrow Hwy	Vincent Ave	Azusa Ave	18,760	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
8	63.5	66.3	67.0	63	136	293	Arrow Hwy	Azusa Ave	the East	19,020	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
9	56.2	59.0	59.7	21	44	95	First Street	the West	Martin Rd	12,160	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
10	58.1	60.8	61.5	27	59	126	First Street	Martin Rd	Irwindale Brew Yard Dwy	18,530	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
11	58.2	61.0	61.7	28	60	130	First Street	Irwindale Brew Yard Dwy	Irwindale Ave	19,360	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
12	63.9	66.7	67.4	67	144	310	Irwindale Ave	Foothill Blvd	I-210 WB Off-Ramp	25,540	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68	
13	64.8	67.6	68.3	77	166	357	Irwindale Ave	I-210 WB Off-Ramp	I-210 EB Off-Ramp	31,620	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68	
14	64.2	67.0	67.7	70	150	324	Irwindale Ave	I-210 EB Off-Ramp	Jardin de Roca	28,910	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
15	64.0	66.8	67.5	68	147	317	Irwindale Ave	Jardin de Roca	First Street	27,940	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
16	64.6	67.4	68.1	75	161	346	Irwindale Ave	First Street	Gladstone St	31,850	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
17	64.1	66.9	67.5	68	148	318	Irwindale Ave	Gladstone St	Arrow Hwy	26,570	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68	
18	60.7	63.5	64.1	41	88	189	Irwindale Ave	Arrow Hwy	Cypress St	17,210	35	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
19	61.7	64.5	65.1	47	102	220	Irwindale Ave	Cypress St	the South	21,680	35	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
20	57.1	59.9	60.6	24	51	109	Vincent Ave	Arrow Hwy	the South	14,920	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	
21	61.8	64.6	65.3	48	104	225	Azusa Ave	Azusa Ave	the South	12,750	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44	

Traffic Noise Calculator: FHWA 77-108 Brew Yard Specific Plan (IRW-05.0) Cumulative (Future with Project Plus Related Projects) Traffic Noise Traffic Conditions																						
ID	Output						Inputs														Auto Inputs	
	dBA at 50 feet			Distance to CNEL Contour																	Ground Absorption	Lane Distance
	L _{eq} 24hr	L _{dn}	CNEL	70 dBA	65 dBA	60 dBA	Roadway	Segment From - To	ADT	Posted Speed Limit	Grade	% Autos	% Med Trucks	% Heavy Trucks	% Daytime	% Evening	% Night	Number of Lanes	Site Condition	Distance to Receiver		
1	64.0	66.8	67.5	68	147	316	Live Oak Ave	Arrow Hwy I-605	20,090	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68
2	66.3	69.1	69.8	97	208	449	Live Oak Ave	I-605 Maine Ave	35,970	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44
3	65.7	68.5	69.2	88	190	408	Arrow Hwy	I-605 Live Oak Ave	31,220	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44
4	67.8	70.5	71.2	121	260	560	Arrow Hwy	Live Oak Ave Azusa Canyon Rd	47,490	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68
5	66.6	69.4	70.1	101	218	470	Arrow Hwy	Azusa Canyon Rd Irwindale Ave	36,430	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68
6	64.5	67.3	68.0	74	159	342	Arrow Hwy	Irwindale Ave Vincent Ave	22,690	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68
7	63.8	66.6	67.3	66	141	305	Arrow Hwy	Vincent Ave Azusa Ave	20,130	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44
8	63.8	66.6	67.3	66	143	307	Arrow Hwy	Azusa Ave the East	20,380	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44
9	56.2	59.0	59.7	21	44	95	First Street	the West Martin Rd	12,160	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44
10	58.1	60.8	61.5	27	59	126	First Street	Martin Rd Irwindale Brew Yard Dwy	18,530	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44
11	58.3	61.1	61.8	28	61	131	First Street	Irwindale Brew Yard Dwy Irwindale Ave	19,540	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44
12	64.3	67.0	67.7	71	152	327	Irwindale Ave	Foothill Blvd I-210 WB Off-Ramp	27,770	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68
13	65.0	67.8	68.5	79	171	368	Irwindale Ave	I-210 WB Off-Ramp I-210 EB Off-Ramp	33,080	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68
14	64.4	67.2	67.9	72	156	335	Irwindale Ave	I-210 EB Off-Ramp Jardin de Roca	30,430	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44
15	64.3	67.1	67.8	71	154	331	Irwindale Ave	Jardin de Roca First Street	29,820	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44
16	64.9	67.6	68.3	77	167	359	Irwindale Ave	First Street Gladstone St	33,670	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44
17	64.2	67.0	67.7	70	152	327	Irwindale Ave	Gladstone St Arrow Hwy	27,680	40	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	6	Soft	100	0.5	68
18	60.8	63.6	64.3	42	90	194	Irwindale Ave	Arrow Hwy Cypress St	17,870	35	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44
19	61.8	64.6	65.3	48	104	225	Irwindale Ave	Cypress St the South	22,340	35	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44
20	58.1	60.9	61.6	27	59	128	Vincent Ave	Arrow Hwy the South	18,780	25	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44
21	61.8	64.6	65.3	49	105	226	Azusa Ave	Azusa Ave the South	12,840	45	0.0%	96.0%	2.5%	1.5%	75.0%	15.0%	10.0%	4	Soft	100	0.5	44

RAIL MODELING RESULTS

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Noise Model Based on Federal Transit Adminstration General Transit Noise Assessment
Developed for Chicago Create Project
Copyright 2006, HMMH Inc.
Case: IRW-05

RESULTS			
Noise Source	Leq - 1-hr (dB)		
All Sources	68		
Source 1	66		
Source 2	63		
Source 3	0		
Source 4	0		
Source 5	0		
Source 6	0		
Source 7	0		
Source 8	0		

Enter noise receiver land use category below.

LAND USE CATEGORY	
Noise receiver land use category (1, 2 or 3)	1

Enter data for up to 8 noise sources below - see reference list for source numbers.

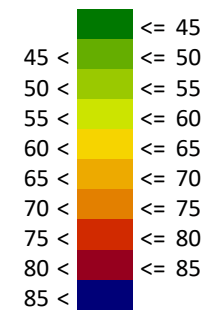
NOISE SOURCE PARAMETERS					
Parameter	Source 1		Source 2		Source 3
Source Num.	Commuter Diesel Locomotive	2	Hopper Cars (full)	12	
Distance (source to receiver)	distance (ft)	50	distance (ft)	50	
Noisiest Hour of	speed (mph)	35	speed (mph)	35	
Activity During	trains/hour	1	trains/hour	1	
Sensitive Hours	locos/train	1	length of cars (ft) / train	300	
		0		0	
		0		0	
		0		0	
Wheel Flats?		Y	% of cars w/ wheel flats	50.00%	
Jointed Track?	Y/N	Y	Y/N	Y	
Embedded Track?	Y/N	Y	Y/N	Y	
Aerial Structure?	Y/N	N	Y/N	N	
Barrier Present?	Y/N	N	Y/N	N	
Intervening Rows of of Buildings	number of rows	0	number of rows	0	

S O U N D P L A N R E S U L T S

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IRW-05 Brew Yard
Phase 1 Operational Noise Contours

Noise level
Leq,d
in dB(A)



Signs and symbols

- Point source
- Area source
- Main building
- Elevation line
- Receiver



2 |



Brew Yard Contribution level - Phase1

9

Source	Source group	Source ty	Leq,d dB(A)	Leq,n dB(A)								
Receiver LT-1	FIG	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Ldn 46.8	dB(A)	Leq,d 40.9	dB(A)	Leq,n 40.3	dB(A)
Building 2	HVAC	Point	15.7				14.1					
Building 1	HVAC	Point	23.6				22.1					
Building 1	HVAC	Point	23.5				22.0					
Building 1	HVAC	Point	23.6				22.1					
Building 1	HVAC	Point	23.5				22.0					
Building 1	HVAC	Point	23.4				21.9					
Building 1	HVAC	Point	23.3				21.8					
Building 1	HVAC	Point	23.4				21.8					
Building 1	HVAC	Point	23.3				21.7					
Building 1	HVAC	Point	23.2				21.7					
Building 1	HVAC	Point	23.1				21.6					
Building 1	HVAC	Point	23.2				21.6					
Building 1	HVAC	Point	23.0				21.5					
Building 1	HVAC	Point	22.9				21.4					
Building 1	HVAC	Point	22.8				21.3					
Building 1	HVAC	Point	22.9				21.4					
Building 1	HVAC	Point	22.8				21.3					
Building 1	HVAC	Point	22.7				21.1					
Building 1	HVAC	Point	22.6				21.0					
Parcel 1	HVAC	Point	22.6				21.1					
Building 1	HVAC	Point	22.5				21.0					
Building 2	HVAC	Point	19.4				17.9					
Building 2	HVAC	Point	19.3				17.8					
Building 2	HVAC	Point	19.3				17.8					
Building 2	HVAC	Point	19.2				17.7					
Building 2	HVAC	Point	18.9				17.3					
Building 2	HVAC	Point	18.8				17.3					
Building 2	HVAC	Point	18.6				17.0					
Building 2	HVAC	Point	18.7				17.1					
Building 2	HVAC	Point	18.2				16.7					
Building 2	HVAC	Point	18.2				16.6					
Building 2	HVAC	Point	18.2				16.6					
Building 2	HVAC	Point	18.1				16.6					
Building 2	HVAC	Point	17.8				16.3					
Building 2	HVAC	Point	17.8				16.2					
Building 2	HVAC	Point	17.8				16.2					
Building 2	HVAC	Point	17.7				16.2					
Building 2	HVAC	Point	17.4				15.9					
Building 2	HVAC	Point	17.4				15.8					
Building 2	HVAC	Point	17.3				15.8					
Building 2	HVAC	Point	17.3				15.7					
Building 1 North	Loading Dock	Area	36.3				36.3					

PlaceWorks 3 MacArthur Place, Ste 1100 Santa Ana, CA 92707 USA

1

Brew Yard Contribution level - Phase1

9

Source	Source group	Source ty	Leq,d dB(A)	Leq,n dB(A)	
Building 1 South	Loading Dock	Area	15.2	15.2	
Building 2 North	Loading Dock	Area	30.1	30.1	
Building 2 South	Loading Dock	Area	12.6	12.6	
Building 1/3	Trailer Stalls	Area	30.1	30.1	
Building 1 South	Trailer Stalls	Area	17.5	17.5	
Building 2 North	Trailer Stalls	Area	22.2	22.2	
Building 2 South 2	Trailer Stalls	Area	20.6	20.6	
Building 2 South 1	Trailer Stalls	Area	19.9	19.9	
Receiver LT-2 FIG dB(A) Lr,lim dB(A) Lr,lim dB(A) Ldn 47.3 dB(A) Leq,d 41.6 dB(A) Leq,n 40.7 dB(A)					
Building 2	HVAC	Point	16.0	14.5	
Building 1	HVAC	Point	26.5	24.9	
Building 1	HVAC	Point	26.4	24.8	
Building 1	HVAC	Point	26.4	24.8	
Building 1	HVAC	Point	26.3	24.7	
Building 1	HVAC	Point	25.9	24.4	
Building 1	HVAC	Point	25.9	24.3	
Building 1	HVAC	Point	25.8	24.3	
Building 1	HVAC	Point	25.8	24.2	
Building 1	HVAC	Point	25.4	23.9	
Building 1	HVAC	Point	25.3	23.8	
Building 1	HVAC	Point	25.3	23.8	
Building 1	HVAC	Point	25.2	23.7	
Building 1	HVAC	Point	24.9	23.4	
Building 1	HVAC	Point	24.8	23.3	
Building 1	HVAC	Point	24.8	23.3	
Building 1	HVAC	Point	24.7	23.2	
Building 1	HVAC	Point	24.3	22.8	
Building 1	HVAC	Point	24.3	22.7	
Parcel 1	HVAC	Point	24.2	22.7	
Building 1	HVAC	Point	24.2	22.6	
Building 2	HVAC	Point	19.8	18.3	
Building 2	HVAC	Point	19.8	18.2	
Building 2	HVAC	Point	19.7	18.2	
Building 2	HVAC	Point	19.6	18.1	
Building 2	HVAC	Point	19.2	17.6	
Building 2	HVAC	Point	19.1	17.6	
Building 2	HVAC	Point	19.0	17.5	
Building 2	HVAC	Point	19.0	17.5	

PlaceWorks 3 MacArthur Place, Ste 1100 Santa Ana, CA 92707 USA

2

Brew Yard Contribution level - Phase1

9

Source	Source group	Source ty	Leq,d dB(A)	Leq,n dB(A)	
Building 2	HVAC	Point	18.6	17.1	
Building 2	HVAC	Point	18.6	17.0	
Building 2	HVAC	Point	18.5	17.0	
Building 2	HVAC	Point	18.5	16.9	
Building 2	HVAC	Point	18.1	16.6	
Building 2	HVAC	Point	18.1	16.5	
Building 2	HVAC	Point	18.0	16.5	
Building 2	HVAC	Point	18.0	16.4	
Building 2	HVAC	Point	17.6	16.1	
Building 2	HVAC	Point	17.6	16.0	
Building 2	HVAC	Point	17.5	16.0	
Building 2	HVAC	Point	17.5	15.9	
Building 1 North	Loading Dock	Area	36.0	36.0	
Building 1 South	Loading Dock	Area	17.0	17.0	
Building 2 North	Loading Dock	Area	26.6	26.6	
Building 2 South	Loading Dock	Area	11.3	11.3	
Building 1/3	Trailer Stalls	Area	31.1	31.1	
Building 1 South	Trailer Stalls	Area	15.3	15.3	
Building 2 North	Trailer Stalls	Area	15.6	15.6	
Building 2 South 2	Trailer Stalls	Area	13.4	13.4	
Building 2 South 1	Trailer Stalls	Area	13.2	13.2	
Receiver LT-3 FI G dB(A) Lr,lim dB(A) Lr,lim dB(A) Ldn 49.9 dB(A) Leq,d 44.3 dB(A) Leq,n 43.3 dB(A)					
Building 2	HVAC	Point	17.3	15.8	
Building 1	HVAC	Point	30.8	29.3	
Building 1	HVAC	Point	30.8	29.2	
Building 1	HVAC	Point	30.6	29.1	
Building 1	HVAC	Point	30.5	29.0	
Building 1	HVAC	Point	29.8	28.3	
Building 1	HVAC	Point	29.7	28.2	
Building 1	HVAC	Point	29.6	28.1	
Building 1	HVAC	Point	29.6	28.0	
Building 1	HVAC	Point	28.9	27.3	
Building 1	HVAC	Point	28.8	27.3	
Building 1	HVAC	Point	28.7	27.2	
Building 1	HVAC	Point	28.7	27.1	
Building 1	HVAC	Point	28.1	26.6	
Building 1	HVAC	Point	28.0	26.5	

PlaceWorks 3 MacArthur Place, Ste 1100 Santa Ana, CA 92707 USA

3

Brew Yard Contribution level - Phase1

9

Source	Source group	Source ty	Leq,d dB(A)	Leq,n dB(A)	
Building 1	HVAC	Point	27.9	26.4	
Building 1	HVAC	Point	27.9	26.4	
Building 1	HVAC	Point	27.2	25.7	
Building 1	HVAC	Point	27.2	25.6	
Parcel 1	HVAC	Point	27.1	25.5	
Building 1	HVAC	Point	27.0	25.5	
Building 2	HVAC	Point	21.4	19.9	
Building 2	HVAC	Point	21.4	19.8	
Building 2	HVAC	Point	21.2	19.7	
Building 2	HVAC	Point	21.2	19.7	
Building 2	HVAC	Point	20.6	19.1	
Building 2	HVAC	Point	20.6	19.0	
Building 2	HVAC	Point	20.5	18.9	
Building 2	HVAC	Point	20.4	18.9	
Building 2	HVAC	Point	19.9	18.4	
Building 2	HVAC	Point	19.9	18.3	
Building 2	HVAC	Point	19.8	18.3	
Building 2	HVAC	Point	19.8	18.2	
Building 2	HVAC	Point	19.3	17.8	
Building 2	HVAC	Point	19.3	17.8	
Building 2	HVAC	Point	19.2	17.7	
Building 2	HVAC	Point	19.2	17.7	
Building 2	HVAC	Point	18.8	17.2	
Building 2	HVAC	Point	18.7	17.2	
Building 2	HVAC	Point	18.6	17.1	
Building 2	HVAC	Point	18.6	17.1	
Building 1 North	Loading Dock	Area	36.4	36.4	
Building 1 South	Loading Dock	Area	22.3	22.3	
Building 2 North	Loading Dock	Area	29.2	29.2	
Building 2 South	Loading Dock	Area	15.5	15.5	
Building 1/3	Trailer Stalls	Area	34.5	34.5	
Building 1 South	Trailer Stalls	Area	22.3	22.3	
Building 2 North	Trailer Stalls	Area	26.0	26.0	
Building 2 South 2	Trailer Stalls	Area	20.6	20.6	
Building 2 South 1	Trailer Stalls	Area	19.6	19.6	
Receiver LT-4 FIG dB(A) Lr,lim dB(A) Lr,lim dB(A) Ldn 51.6 dB(A) Leq,d 46.2 dB(A) Leq,n 45.0 dB(A)					
Building 2	HVAC	Point	18.6	17.1	

PlaceWorks 3 MacArthur Place, Ste 1100 Santa Ana, CA 92707 USA

4

Brew Yard Contribution level - Phase1

9

Source	Source group	Source ty	Leq,d dB(A)	Leq,n dB(A)	
Building 1	HVAC	Point	34.2	32.6	
Building 1	HVAC	Point	34.3	32.8	
Building 1	HVAC	Point	33.9	32.4	
Building 1	HVAC	Point	34.0	32.5	
Building 1	HVAC	Point	32.7	31.1	
Building 1	HVAC	Point	32.8	31.2	
Building 1	HVAC	Point	32.4	30.9	
Building 1	HVAC	Point	32.5	30.9	
Building 1	HVAC	Point	31.2	29.7	
Building 1	HVAC	Point	31.3	29.8	
Building 1	HVAC	Point	31.0	29.5	
Building 1	HVAC	Point	31.1	29.5	
Building 1	HVAC	Point	30.2	28.6	
Building 1	HVAC	Point	30.2	28.7	
Building 1	HVAC	Point	30.0	28.4	
Building 1	HVAC	Point	30.0	28.5	
Building 1	HVAC	Point	29.0	27.5	
Building 1	HVAC	Point	29.0	27.5	
Parcel 1	HVAC	Point	28.8	27.3	
Building 1	HVAC	Point	28.9	27.3	
Building 2	HVAC	Point	22.7	21.2	
Building 2	HVAC	Point	22.7	21.1	
Building 2	HVAC	Point	22.5	21.0	
Building 2	HVAC	Point	22.5	21.0	
Building 2	HVAC	Point	21.8	20.3	
Building 2	HVAC	Point	21.8	20.3	
Building 2	HVAC	Point	21.7	20.1	
Building 2	HVAC	Point	21.7	20.1	
Building 2	HVAC	Point	21.1	19.5	
Building 2	HVAC	Point	21.1	19.5	
Building 2	HVAC	Point	21.0	19.4	
Building 2	HVAC	Point	20.9	19.4	
Building 2	HVAC	Point	20.4	18.9	
Building 2	HVAC	Point	20.4	18.9	
Building 2	HVAC	Point	20.3	18.8	
Building 2	HVAC	Point	20.3	18.8	
Building 2	HVAC	Point	19.8	18.3	
Building 2	HVAC	Point	19.8	18.3	
Building 2	HVAC	Point	19.7	18.1	
Building 2	HVAC	Point	19.7	18.1	
Building 1 North	Loading Dock	Area	24.3	24.3	
Buildng 1 South	Loading Dock	Area	33.6	33.6	

PlaceWorks 3 MacArthur Place, Ste 1100 Santa Ana, CA 92707 USA

5

Brew Yard Contribution level - Phase1

9

Source	Source group	Source ty	Leq,d dB(A)	Leq,n dB(A)	
Building 2 North	Loading Dock	Area	21.2	21.2	
Building 2 South	Loading Dock	Area	19.4	19.4	
Building 1/3	Trailer Stalls	Area	23.6	23.6	
Building 1 South	Trailer Stalls	Area	36.5	36.5	
Building 2 North	Trailer Stalls	Area	23.6	23.6	
Building 2 South 2	Trailer Stalls	Area	22.0	22.0	
Building 2 South 1	Trailer Stalls	Area	29.6	29.6	
Receiver Santa Fe Dam Recreation Area Fl G dB(A) Lr,lim dB(A) Lr,lim dB(A) Ldn 57.8 dB(A) Leq,d 51.5 dB(A)					
Building 2	HVAC	Point	21.6	20.0	
Building 1	HVAC	Point	28.4	26.9	
Building 1	HVAC	Point	28.6	27.1	
Building 1	HVAC	Point	28.5	26.9	
Building 1	HVAC	Point	28.7	27.1	
Building 1	HVAC	Point	28.6	27.0	
Building 1	HVAC	Point	28.8	27.2	
Building 1	HVAC	Point	28.6	27.1	
Building 1	HVAC	Point	28.8	27.3	
Building 1	HVAC	Point	28.6	27.1	
Building 1	HVAC	Point	28.8	27.3	
Building 1	HVAC	Point	28.6	27.1	
Building 1	HVAC	Point	28.8	27.3	
Building 1	HVAC	Point	28.6	27.1	
Building 1	HVAC	Point	28.8	27.3	
Building 1	HVAC	Point	28.7	27.1	
Building 1	HVAC	Point	28.9	27.3	
Building 1	HVAC	Point	28.7	27.1	
Building 1	HVAC	Point	28.9	27.3	
Building 1	HVAC	Point	28.5	27.0	
Building 1	HVAC	Point	28.7	27.2	
Parcel 1	HVAC	Point	28.5	27.0	
Building 1	HVAC	Point	28.7	27.2	
Building 2	HVAC	Point	25.3	23.8	
Building 2	HVAC	Point	25.4	23.9	
Building 2	HVAC	Point	25.1	23.6	
Building 2	HVAC	Point	25.2	23.7	
Building 2	HVAC	Point	24.4	22.9	
Building 2	HVAC	Point	24.5	22.9	
Building 2	HVAC	Point	24.2	22.7	
Building 2	HVAC	Point	24.3	22.7	
Building 2	HVAC	Point	23.5	22.0	
Building 2	HVAC	Point	23.6	22.1	

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Brew Yard Contribution level - Phase1

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Source	Source group	Source ty	Leq,d dB(A)	Leq,n dB(A)	
Building 2	HVAC	Point	23.4	21.9	
Building 2	HVAC	Point	23.5	21.9	
Building 2	HVAC	Point	22.8	21.3	
Building 2	HVAC	Point	22.9	21.3	
Building 2	HVAC	Point	22.7	21.1	
Building 2	HVAC	Point	22.7	21.2	
Building 2	HVAC	Point	22.1	20.6	
Building 2	HVAC	Point	22.2	20.6	
Building 2	HVAC	Point	22.0	20.4	
Building 2	HVAC	Point	22.0	20.5	
Building 1 North	Loading Dock	Area	19.8	19.8	
Building 1 South	Loading Dock	Area	50.3	50.3	
Building 2 North	Loading Dock	Area	15.9	15.9	
Building 2 South	Loading Dock	Area	34.0	34.0	
Building 1/3	Trailer Stalls	Area	20.1	20.1	
Building 1 South	Trailer Stalls	Area	40.1	40.1	
Building 2 North	Trailer Stalls	Area	20.1	20.1	
Building 2 South 2	Trailer Stalls	Area	28.7	28.7	
Building 2 South 1	Trailer Stalls	Area	31.2	31.2	
Receiver ST-1 FI G dB(A) Lr,lim dB(A) Lr,lim dB(A) Ldn 67.3 dB(A) Leq,d 61.0 dB(A) Leq,n 60.9 dB(A)					
Building 2	HVAC	Point	22.1	20.6	
Building 1	HVAC	Point	32.7	31.1	
Building 1	HVAC	Point	33.2	31.6	
Building 1	HVAC	Point	32.7	31.2	
Building 1	HVAC	Point	33.2	31.7	
Building 1	HVAC	Point	32.8	31.2	
Building 1	HVAC	Point	33.3	31.8	
Building 1	HVAC	Point	32.8	31.3	
Building 1	HVAC	Point	33.3	31.8	
Building 1	HVAC	Point	32.7	31.2	
Building 1	HVAC	Point	33.3	31.7	
Building 1	HVAC	Point	32.7	31.2	
Building 1	HVAC	Point	34.8	33.3	
Building 1	HVAC	Point	34.3	32.7	
Building 1	HVAC	Point	34.7	33.2	
Building 1	HVAC	Point	34.2	32.7	
Building 1	HVAC	Point	34.6	33.1	

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Brew Yard Contribution level - Phase1

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Source	Source group	Source ty	Leq,d dB(A)	Leq,n dB(A)	
Building 1	HVAC	Point	26.0	24.5	
Building 1	HVAC	Point	26.1	24.5	
Building 1	HVAC	Point	26.6	25.0	
Building 1	HVAC	Point	26.6	25.1	
Building 1	HVAC	Point	26.7	25.2	
Building 1	HVAC	Point	26.8	25.2	
Building 1	HVAC	Point	27.3	25.7	
Building 1	HVAC	Point	27.3	25.8	
Building 1	HVAC	Point	27.4	25.9	
Building 1	HVAC	Point	27.5	25.9	
Building 1	HVAC	Point	27.9	26.4	
Building 1	HVAC	Point	28.0	26.5	
Building 1	HVAC	Point	28.1	26.5	
Building 1	HVAC	Point	28.2	26.6	
Building 1	HVAC	Point	28.8	27.3	
Building 1	HVAC	Point	28.9	27.3	
Parcel 1	HVAC	Point	28.9	27.4	
Building 1	HVAC	Point	29.0	27.5	
Building 2	HVAC	Point	31.7	30.2	
Building 2	HVAC	Point	32.5	31.0	
Building 2	HVAC	Point	31.6	30.1	
Building 2	HVAC	Point	32.4	30.8	
Building 2	HVAC	Point	31.4	29.9	
Building 2	HVAC	Point	32.1	30.6	
Building 2	HVAC	Point	31.4	29.9	
Building 2	HVAC	Point	32.1	30.5	
Building 2	HVAC	Point	31.0	29.5	
Building 2	HVAC	Point	31.6	30.1	
Building 2	HVAC	Point	30.9	29.4	
Building 2	HVAC	Point	31.5	29.9	
Building 2	HVAC	Point	30.5	28.9	
Building 2	HVAC	Point	30.9	29.4	
Building 2	HVAC	Point	30.4	28.8	
Building 2	HVAC	Point	30.8	29.2	
Building 2	HVAC	Point	29.9	28.3	
Building 2	HVAC	Point	30.2	28.6	
Building 2	HVAC	Point	29.7	28.2	
Building 2	HVAC	Point	30.0	28.4	
Building 1 North	Loading Dock	Area	22.5	22.5	
Building 1 South	Loading Dock	Area	49.3	49.3	
Building 2 North	Loading Dock	Area	23.9	23.9	

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Brew Yard Contribution level - Phase1

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Source	Source group	Source ty	Leq,d dB(A)	Leq,n dB(A)	
Building 2 South	Loading Dock	Area	59.1	59.1	
Building 1/3	Trailer Stalls	Area	21.2	21.2	
Building 1 South	Trailer Stalls	Area	37.5	37.5	
Building 2 North	Trailer Stalls	Area	20.5	20.5	
Building 2 South 2	Trailer Stalls	Area	43.9	43.9	
Building 2 South 1	Trailer Stalls	Area	59.9	59.9	
Receiver ST-3 FI G dB(A) Lr,lim dB(A) Lr,lim dB(A) Ldn 48.7 dB(A) Leq,d 43.4 dB(A) Leq,n 42.1 dB(A)					
Building 2	HVAC	Point	38.9	37.4	
Building 1	HVAC	Point	18.0	16.4	
Building 1	HVAC	Point	17.9	16.4	
Building 1	HVAC	Point	18.0	16.5	
Building 1	HVAC	Point	18.0	16.5	
Building 1	HVAC	Point	18.2	16.7	
Building 1	HVAC	Point	18.2	16.7	
Building 1	HVAC	Point	18.3	16.7	
Building 1	HVAC	Point	18.3	16.7	
Building 1	HVAC	Point	18.5	16.9	
Building 1	HVAC	Point	18.5	16.9	
Building 1	HVAC	Point	18.5	17.0	
Building 1	HVAC	Point	18.5	17.0	
Building 1	HVAC	Point	18.7	17.2	
Building 1	HVAC	Point	18.7	17.2	
Building 1	HVAC	Point	18.8	17.2	
Building 1	HVAC	Point	18.8	17.2	
Building 1	HVAC	Point	19.0	17.5	
Building 1	HVAC	Point	19.0	17.5	
Parcel 1	HVAC	Point	19.1	17.5	
Building 1	HVAC	Point	19.1	17.5	
Building 2	HVAC	Point	22.8	21.3	
Building 2	HVAC	Point	22.8	21.3	
Building 2	HVAC	Point	23.0	21.5	
Building 2	HVAC	Point	23.0	21.5	
Building 2	HVAC	Point	24.0	22.4	
Building 2	HVAC	Point	24.0	22.4	
Building 2	HVAC	Point	24.3	22.7	
Building 2	HVAC	Point	24.3	22.7	
Building 2	HVAC	Point	25.4	23.9	
Building 2	HVAC	Point	25.4	23.9	
Building 2	HVAC	Point	25.7	24.2	
Building 2	HVAC	Point	25.7	24.2	

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Brew Yard Contribution level - Phase1

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Source	Source group	Source ty	Leq,d dB(A)	Leq,n dB(A)	
Building 2	HVAC	Point	27.2	25.6	
Building 2	HVAC	Point	27.2	25.6	
Building 2	HVAC	Point	27.6	26.0	
Building 2	HVAC	Point	27.6	26.1	
Building 2	HVAC	Point	29.6	28.1	
Building 2	HVAC	Point	29.6	28.1	
Building 2	HVAC	Point	30.3	28.8	
Building 2	HVAC	Point	30.3	28.8	
Building 1 North	Loading Dock	Area	25.2	25.2	
Building 1 South	Loading Dock	Area	16.3	16.3	
Building 2 North	Loading Dock	Area	32.4	32.4	
Building 2 South	Loading Dock	Area	25.3	25.3	
Building 1/3	Trailer Stalls	Area	19.6	19.6	
Building 1 South	Trailer Stalls	Area	14.5	14.5	
Building 2 North	Trailer Stalls	Area	23.5	23.5	
Building 2 South 2	Trailer Stalls	Area	23.1	23.1	
Building 2 South 1	Trailer Stalls	Area	21.7	21.7	
Receiver ST-4 FI G dB(A) Lr,lim dB(A) Lr,lim dB(A) Ldn 49.1 dB(A) Leq,d 43.0 dB(A) Leq,n 42.6 dB(A)					
Building 2	HVAC	Point	26.0	24.4	
Building 1	HVAC	Point	11.9	10.4	
Building 1	HVAC	Point	11.9	10.4	
Building 1	HVAC	Point	11.9	10.4	
Building 1	HVAC	Point	12.0	10.4	
Building 1	HVAC	Point	12.1	10.5	
Building 1	HVAC	Point	12.1	10.6	
Building 1	HVAC	Point	12.1	10.6	
Building 1	HVAC	Point	12.1	10.6	
Building 1	HVAC	Point	12.3	10.7	
Building 1	HVAC	Point	12.3	10.8	
Building 1	HVAC	Point	12.3	10.8	
Building 1	HVAC	Point	12.3	10.8	
Building 1	HVAC	Point	12.4	10.9	
Building 1	HVAC	Point	12.5	10.9	
Building 1	HVAC	Point	12.5	10.9	
Building 1	HVAC	Point	12.5	11.0	
Building 1	HVAC	Point	12.7	11.1	
Building 1	HVAC	Point	12.7	11.2	

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Brew Yard Contribution level - Phase1

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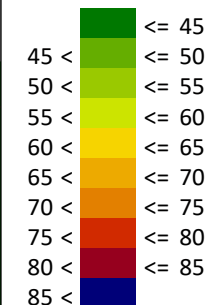
Source	Source group	Source ty	Leq,d dB(A)	Leq,n dB(A)	
Parcel 1	HVAC	Point	12.7	11.2	
Building 1	HVAC	Point	12.7	11.2	
Building 2	HVAC	Point	21.3	19.8	
Building 2	HVAC	Point	21.3	19.8	
Building 2	HVAC	Point	21.5	20.0	
Building 2	HVAC	Point	21.5	20.0	
Building 2	HVAC	Point	22.4	20.8	
Building 2	HVAC	Point	22.4	20.8	
Building 2	HVAC	Point	22.6	21.1	
Building 2	HVAC	Point	22.6	21.1	
Building 2	HVAC	Point	23.7	22.2	
Building 2	HVAC	Point	23.6	22.0	
Building 2	HVAC	Point	23.9	22.4	
Building 2	HVAC	Point	24.0	22.4	
Building 2	HVAC	Point	25.0	23.5	
Building 2	HVAC	Point	25.1	23.5	
Building 2	HVAC	Point	25.4	23.8	
Building 2	HVAC	Point	25.4	23.9	
Building 2	HVAC	Point	27.0	25.5	
Building 2	HVAC	Point	27.1	25.6	
Building 2	HVAC	Point	27.7	26.1	
Building 2	HVAC	Point	27.8	26.3	
Building 1 North	Loading Dock	Area	29.9	29.9	
Building 1 South	Loading Dock	Area	14.7	14.7	
Building 2 North	Loading Dock	Area	40.9	40.9	
Building 2 South	Loading Dock	Area	17.5	17.5	
Building 1/3	Trailer Stalls	Area	14.3	14.3	
Building 1 South	Trailer Stalls	Area	9.8	9.8	
Building 2 North	Trailer Stalls	Area	22.0	22.0	
Building 2 South 2	Trailer Stalls	Area	17.7	17.7	
Building 2 South 1	Trailer Stalls	Area	16.1	16.1	

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IRW-05 Brew Yard
Phase 2 Operational Noise Contours

Noise level
Leq,d
in dB(A)



Signs and symbols

- * Point source
- Area source
- Main building
- Elevation line
- Receiver



Brew Yard Assessed receiver levels Phase2

2

Receiver	Usage	FI	Leq,d dB(A)	Leq,n dB(A)	
LT-1	SCR	G	49.6	49.1	
LT-2	SCR	G	44.8	43.6	
LT-3	SCR	G	47.9	46.9	
LT-4	SCR	G	47.9	46.7	
Santa Fe Dam Recreation Area	SCR	G	51.8	51.6	
ST-1	SCR	G	61.0	61.0	
ST-2	SCR	G	63.9	63.9	
ST-3	SCR	G	44.0	42.8	
ST-4	SCR	G	44.3	43.9	

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Brew Yard Contribution level - Phase2

9

Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB			
Receiver LT-1	FIG	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Ldn 55.6 dB(A)	Leq,d 49.6 dB(A)	Leq,n 49.1 dB(A)
Building 3	HVAC	Point	32.3	27.2	25.6	0.0			
Building 3	HVAC	Point	32.1	27.0	25.5	0.0			
Building 3	HVAC	Point	32.2	27.0	25.5	0.0			
Building 3	HVAC	Point	32.0	26.9	25.3	0.0			
Building 3	HVAC	Point	30.4	25.3	23.8	0.0			
Building 3	HVAC	Point	30.3	25.2	23.7	0.0			
Building 3	HVAC	Point	30.2	25.0	23.5	0.0			
Building 3	HVAC	Point	30.9	25.8	24.2	0.0			
Building 3	HVAC	Point	30.7	25.6	24.0	0.0			
Building 3	HVAC	Point	30.8	25.6	24.1	0.0			
Building 3	HVAC	Point	30.6	25.5	23.9	0.0			
Building 3	HVAC	Point	31.4	26.2	24.7	0.0			
Building 3	HVAC	Point	31.2	26.1	24.5	0.0			
Building 3	HVAC	Point	31.2	26.1	24.6	0.0			
Building 3	HVAC	Point	31.1	25.9	24.4	0.0			
Building 3	HVAC	Point	31.9	26.7	25.2	0.0			
Building 3	HVAC	Point	31.7	26.6	25.0	0.0			
Building 3	HVAC	Point	31.7	26.6	25.1	0.0			
Building 3	HVAC	Point	31.6	26.4	24.9	0.0			
Building 3	HVAC	Point	30.2	25.1	23.6	0.0			
Commercial	HVAC	Point	20.8	15.7	14.1	0.0			
Building 1	HVAC	Point	28.8	23.6	22.1	0.0			
Building 1	HVAC	Point	28.7	23.5	22.0	0.0			
Building 1	HVAC	Point	28.7	23.6	22.1	0.0			
Building 1	HVAC	Point	28.6	23.5	22.0	0.0			
Building 1	HVAC	Point	28.2	23.0	21.5	0.0			
Building 1	HVAC	Point	28.1	22.9	21.4	0.0			
Building 1	HVAC	Point	28.1	23.0	21.5	0.0			
Building 1	HVAC	Point	28.0	22.9	21.3	0.0			
Building 1	HVAC	Point	27.9	22.8	21.3	0.0			
Building 1	HVAC	Point	27.8	22.7	21.2	0.0			
Building 1	HVAC	Point	27.9	22.8	21.2	0.0			
Building 1	HVAC	Point	27.8	22.7	21.1	0.0			
Building 1	HVAC	Point	27.7	22.6	21.0	0.0			
Building 1	HVAC	Point	27.6	22.5	20.9	0.0			
Building 1	HVAC	Point	27.6	22.5	21.0	0.0			
Building 1	HVAC	Point	27.5	22.4	20.9	0.0			
Building 1	HVAC	Point	27.4	22.3	20.8	0.0			
Building 1	HVAC	Point	27.3	22.2	20.7	0.0			
Parcel 1	HVAC	Point	27.4	22.2	20.7	0.0			
Building 1	HVAC	Point	27.3	22.2	20.6	0.0			
Building 2	HVAC	Point	24.3	19.2	17.6	0.0			
Building 2	HVAC	Point	24.2	19.1	17.5	0.0			

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Brew Yard Contribution level - Phase2

9

Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 2	HVAC	Point	24.2	19.1	17.5	0.0	
Building 2	HVAC	Point	24.1	19.0	17.5	0.0	
Building 2	HVAC	Point	23.8	18.7	17.1	0.0	
Building 2	HVAC	Point	23.7	18.6	17.1	0.0	
Building 2	HVAC	Point	23.7	18.6	17.0	0.0	
Building 2	HVAC	Point	23.6	18.5	17.0	0.0	
Building 2	HVAC	Point	23.4	18.2	16.7	0.0	
Building 2	HVAC	Point	23.3	18.2	16.6	0.0	
Building 2	HVAC	Point	23.3	18.2	16.6	0.0	
Building 2	HVAC	Point	23.2	18.1	16.6	0.0	
Building 2	HVAC	Point	23.0	17.8	16.3	0.0	
Building 2	HVAC	Point	22.9	17.8	16.2	0.0	
Building 2	HVAC	Point	22.9	17.8	16.2	0.0	
Building 2	HVAC	Point	22.8	17.7	16.2	0.0	
Building 2	HVAC	Point	22.6	17.4	15.9	0.0	
Building 2	HVAC	Point	22.5	17.4	15.8	0.0	
Building 2	HVAC	Point	22.5	17.3	15.8	0.0	
Building 2	HVAC	Point	22.4	17.3	15.7	0.0	
Building 4	HVAC	Point	36.2	31.1	29.6	0.0	
Building 4	HVAC	Point	35.9	30.8	29.2	0.0	
Building 4	HVAC	Point	36.1	31.0	29.4	0.0	
Building 4	HVAC	Point	35.8	30.6	29.1	0.0	
Building 4	HVAC	Point	33.0	27.9	26.4	0.0	
Building 4	HVAC	Point	33.0	27.8	26.3	0.0	
Building 4	HVAC	Point	32.7	27.6	26.0	0.0	
Building 4	HVAC	Point	33.7	28.6	27.1	0.0	
Building 4	HVAC	Point	33.5	28.3	26.8	0.0	
Building 4	HVAC	Point	33.7	28.5	27.0	0.0	
Building 4	HVAC	Point	33.4	28.3	26.7	0.0	
Building 4	HVAC	Point	34.5	29.4	27.9	0.0	
Building 4	HVAC	Point	34.2	29.1	27.6	0.0	
Building 4	HVAC	Point	34.4	29.3	27.7	0.0	
Building 4	HVAC	Point	34.1	29.0	27.5	0.0	
Building 4	HVAC	Point	35.4	30.2	28.7	0.0	
Building 4	HVAC	Point	35.1	29.9	28.4	0.0	
Building 4	HVAC	Point	35.2	30.1	28.6	0.0	
Building 4	HVAC	Point	34.9	29.8	28.3	0.0	
Building 4	HVAC	Point	32.8	27.6	26.1	0.0	
Building 2 North	Loading Dock	Area	33.5	27.1	27.1	0.0	
Building 2 South	Loading Dock	Area	17.7	11.3	11.3	0.0	
Building 3 South	Loading Dock	Area	24.3	17.9	17.9	0.0	

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Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 3 North	Loading Dock	Area	35.3	28.9	28.9	0.0	
Building 4 North	Loading Dock	Area	53.4	47.0	47.0	0.0	
Building 1 North	Loading Dock	Area	37.1	30.7	30.7	0.0	
Building 1 South	Loading Dock	Area	21.1	14.7	14.7	0.0	
Building 1/3	Trailer Stalls	Area	27.2	20.8	20.8	0.0	
Building 1 South	Trailer Stalls	Area	22.6	16.2	16.2	0.0	
Building 2 North	Trailer Stalls	Area	23.2	16.8	16.8	0.0	
Building 2 South 2	Trailer Stalls	Area	20.8	14.4	14.4	0.0	
Building 2 South 1	Trailer Stalls	Area	20.8	14.4	14.4	0.0	
Building 3/4	Trailer Stalls	Area	26.2	19.8	19.8	0.0	
Building 4 North	Trailer Stalls	Area	44.5	38.1	38.1	0.0	
Receiver LT-2 FIG dB(A) Lr,lim dB(A) Lr,lim dB(A) Ldn 50.2 dB(A) Leq,d 44.8 dB(A) Leq,n 43.6 dB(A)							
Building 3	HVAC	Point	32.9	27.8	26.2	0.0	
Building 3	HVAC	Point	32.6	27.5	26.0	0.0	
Building 3	HVAC	Point	32.8	27.7	26.2	0.0	
Building 3	HVAC	Point	32.6	27.5	25.9	0.0	
Building 3	HVAC	Point	30.0	24.9	23.4	0.0	
Building 3	HVAC	Point	30.0	24.9	23.4	0.0	
Building 3	HVAC	Point	29.8	24.7	23.1	0.0	
Building 3	HVAC	Point	30.6	25.5	24.0	0.0	
Building 3	HVAC	Point	30.4	25.3	23.7	0.0	
Building 3	HVAC	Point	30.6	25.5	24.0	0.0	
Building 3	HVAC	Point	30.4	25.3	23.7	0.0	
Building 3	HVAC	Point	31.4	26.2	24.7	0.0	
Building 3	HVAC	Point	31.1	26.0	24.4	0.0	
Building 3	HVAC	Point	31.3	26.2	24.7	0.0	
Building 3	HVAC	Point	31.1	25.9	24.4	0.0	
Building 3	HVAC	Point	32.2	27.0	25.5	0.0	
Building 3	HVAC	Point	31.9	26.7	25.2	0.0	
Building 3	HVAC	Point	32.1	27.0	25.5	0.0	
Building 3	HVAC	Point	31.8	26.7	25.2	0.0	
Building 3	HVAC	Point	29.8	24.7	23.2	0.0	
Commercial	HVAC	Point	21.1	16.0	14.5	0.0	
Building 1	HVAC	Point	31.6	26.5	24.9	0.0	
Building 1	HVAC	Point	31.5	26.4	24.8	0.0	

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3

Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 1	HVAC	Point	31.5	26.4	24.8	0.0	
Building 1	HVAC	Point	31.4	26.3	24.7	0.0	
Building 1	HVAC	Point	31.1	25.9	24.4	0.0	
Building 1	HVAC	Point	31.0	25.9	24.3	0.0	
Building 1	HVAC	Point	31.0	25.8	24.3	0.0	
Building 1	HVAC	Point	30.9	25.8	24.2	0.0	
Building 1	HVAC	Point	30.5	25.4	23.9	0.0	
Building 1	HVAC	Point	30.5	25.3	23.8	0.0	
Building 1	HVAC	Point	30.4	25.3	23.8	0.0	
Building 1	HVAC	Point	30.4	25.2	23.7	0.0	
Building 1	HVAC	Point	30.0	24.9	23.4	0.0	
Building 1	HVAC	Point	30.0	24.8	23.3	0.0	
Building 1	HVAC	Point	29.9	24.8	23.3	0.0	
Building 1	HVAC	Point	29.9	24.7	23.2	0.0	
Building 1	HVAC	Point	29.5	24.3	22.8	0.0	
Building 1	HVAC	Point	29.4	24.3	22.7	0.0	
Parcel 1	HVAC	Point	29.4	24.2	22.7	0.0	
Building 1	HVAC	Point	29.3	24.2	22.6	0.0	
Building 2	HVAC	Point	24.7	19.6	18.1	0.0	
Building 2	HVAC	Point	24.7	19.6	18.0	0.0	
Building 2	HVAC	Point	24.6	19.5	18.0	0.0	
Building 2	HVAC	Point	24.6	19.5	17.9	0.0	
Building 2	HVAC	Point	24.2	19.0	17.5	0.0	
Building 2	HVAC	Point	24.1	19.0	17.5	0.0	
Building 2	HVAC	Point	24.0	18.9	17.4	0.0	
Building 2	HVAC	Point	24.0	18.9	17.3	0.0	
Building 2	HVAC	Point	23.6	18.5	16.9	0.0	
Building 2	HVAC	Point	23.6	18.4	16.9	0.0	
Building 2	HVAC	Point	23.5	18.4	16.9	0.0	
Building 2	HVAC	Point	23.5	18.4	16.8	0.0	
Building 2	HVAC	Point	23.1	18.0	16.5	0.0	
Building 2	HVAC	Point	23.1	18.0	16.4	0.0	
Building 2	HVAC	Point	23.0	17.9	16.4	0.0	
Building 2	HVAC	Point	23.0	17.9	16.3	0.0	
Building 2	HVAC	Point	22.7	17.5	16.0	0.0	
Building 2	HVAC	Point	22.6	17.5	16.0	0.0	
Building 2	HVAC	Point	22.6	17.4	15.9	0.0	
Building 2	HVAC	Point	22.5	17.4	15.9	0.0	
Building 4	HVAC	Point	32.4	27.2	25.7	0.0	
Building 4	HVAC	Point	32.0	26.8	25.3	0.0	
Building 4	HVAC	Point	32.4	27.3	25.7	0.0	
Building 4	HVAC	Point	32.0	26.9	25.3	0.0	
Building 4	HVAC	Point	29.2	24.1	22.5	0.0	
Building 4	HVAC	Point	29.2	24.1	22.6	0.0	
Building 4	HVAC	Point	29.1	24.0	22.4	0.0	

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Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 4	HVAC	Point	29.8	24.6	23.1	0.0	
Building 4	HVAC	Point	29.5	24.4	22.9	0.0	
Building 4	HVAC	Point	29.8	24.6	23.1	0.0	
Building 4	HVAC	Point	29.5	24.4	22.9	0.0	
Building 4	HVAC	Point	30.5	25.4	23.8	0.0	
Building 4	HVAC	Point	30.2	25.1	23.6	0.0	
Building 4	HVAC	Point	30.5	25.4	23.8	0.0	
Building 4	HVAC	Point	30.2	25.1	23.6	0.0	
Building 4	HVAC	Point	31.3	26.2	24.7	0.0	
Building 4	HVAC	Point	31.0	25.9	24.4	0.0	
Building 4	HVAC	Point	31.4	26.2	24.7	0.0	
Building 4	HVAC	Point	31.0	25.9	24.4	0.0	
Building 4	HVAC	Point	29.0	23.9	22.3	0.0	
Building 2 North	Loading Dock	Area	31.2	24.8	24.8	0.0	
Building 2 South	Loading Dock	Area	18.4	12.0	12.0	0.0	
Building 3 South	Loading Dock	Area	27.0	20.6	20.6	0.0	
Building 3 North	Loading Dock	Area	33.0	26.6	26.6	0.0	
Building 4 North	Loading Dock	Area	27.5	21.0	21.0	0.0	
Building 1 North	Loading Dock	Area	39.7	33.3	33.3	0.0	
Building 1 South	Loading Dock	Area	23.4	17.0	17.0	0.0	
Building 1/3	Trailer Stalls	Area	31.9	25.5	25.5	0.0	
Bulding 1 South	Trailer Stalls	Area	21.7	15.3	15.3	0.0	
Building 2 North	Trailer Stalls	Area	21.4	15.0	15.0	0.0	
Building 2 South 2	Trailer Stalls	Area	19.2	12.8	12.8	0.0	
Building 2 South 1	Trailer Stalls	Area	19.5	13.1	13.1	0.0	
Building 3/4	Trailer Stalls	Area	38.2	31.8	31.8	0.0	
Buildng 4 North	Trailer Stalls	Area	35.0	28.6	28.6	0.0	
Receiver LT-3 FIG dB(A) Lr,lim dB(A) Lr,lim dB(A) Ldn 53.5 dB(A) Leq,d 47.9 dB(A) Leq,n 46.9 dB(A)							
Building 3	HVAC	Point	35.0	29.9	28.3	0.0	
Building 3	HVAC	Point	34.7	29.6	28.0	0.0	
Building 3	HVAC	Point	35.1	30.0	28.5	0.0	
Building 3	HVAC	Point	34.8	29.7	28.1	0.0	
Building 3	HVAC	Point	31.9	26.7	25.2	0.0	

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Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 3	HVAC	Point	31.9	26.8	25.3	0.0	
Building 3	HVAC	Point	31.7	26.5	25.0	0.0	
Building 3	HVAC	Point	32.5	27.4	25.8	0.0	
Building 3	HVAC	Point	32.2	27.1	25.6	0.0	
Building 3	HVAC	Point	32.6	27.5	25.9	0.0	
Building 3	HVAC	Point	32.3	27.2	25.7	0.0	
Building 3	HVAC	Point	33.3	28.2	26.6	0.0	
Building 3	HVAC	Point	33.0	27.9	26.4	0.0	
Building 3	HVAC	Point	33.4	28.3	26.7	0.0	
Building 3	HVAC	Point	33.1	28.0	26.4	0.0	
Building 3	HVAC	Point	34.1	29.0	27.5	0.0	
Building 3	HVAC	Point	33.8	28.7	27.2	0.0	
Building 3	HVAC	Point	34.2	29.1	27.6	0.0	
Building 3	HVAC	Point	33.9	28.8	27.3	0.0	
Building 3	HVAC	Point	31.6	26.5	24.9	0.0	
Commercial	HVAC	Point	22.4	17.3	15.8	0.0	
Building 1	HVAC	Point	36.0	30.8	29.3	0.0	
Building 1	HVAC	Point	35.9	30.8	29.2	0.0	
Building 1	HVAC	Point	35.7	30.6	29.1	0.0	
Building 1	HVAC	Point	35.6	30.5	29.0	0.0	
Building 1	HVAC	Point	34.9	29.8	28.3	0.0	
Building 1	HVAC	Point	34.9	29.7	28.2	0.0	
Building 1	HVAC	Point	34.7	29.6	28.1	0.0	
Building 1	HVAC	Point	34.7	29.6	28.0	0.0	
Building 1	HVAC	Point	34.0	28.9	27.3	0.0	
Building 1	HVAC	Point	33.9	28.8	27.3	0.0	
Building 1	HVAC	Point	33.8	28.7	27.2	0.0	
Building 1	HVAC	Point	33.8	28.7	27.1	0.0	
Building 1	HVAC	Point	33.2	28.1	26.6	0.0	
Building 1	HVAC	Point	33.2	28.0	26.5	0.0	
Building 1	HVAC	Point	33.1	27.9	26.4	0.0	
Building 1	HVAC	Point	33.0	27.9	26.4	0.0	
Building 1	HVAC	Point	32.3	27.2	25.7	0.0	
Building 1	HVAC	Point	32.3	27.2	25.6	0.0	
Parcel 1	HVAC	Point	32.2	27.1	25.5	0.0	
Building 1	HVAC	Point	32.2	27.0	25.5	0.0	
Building 2	HVAC	Point	26.5	21.4	19.9	0.0	
Building 2	HVAC	Point	26.5	21.4	19.8	0.0	
Building 2	HVAC	Point	26.4	21.2	19.7	0.0	
Building 2	HVAC	Point	26.3	21.2	19.7	0.0	
Building 2	HVAC	Point	25.7	20.6	19.1	0.0	
Building 2	HVAC	Point	25.7	20.6	19.0	0.0	
Building 2	HVAC	Point	25.6	20.5	18.9	0.0	
Building 2	HVAC	Point	25.5	20.4	18.9	0.0	

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Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 2	HVAC	Point	25.0	19.9	18.4	0.0	
Building 2	HVAC	Point	25.0	19.9	18.3	0.0	
Building 2	HVAC	Point	24.9	19.8	18.3	0.0	
Building 2	HVAC	Point	24.9	19.8	18.2	0.0	
Building 2	HVAC	Point	24.5	19.3	17.8	0.0	
Building 2	HVAC	Point	24.4	19.3	17.8	0.0	
Building 2	HVAC	Point	24.3	19.2	17.7	0.0	
Building 2	HVAC	Point	24.3	19.2	17.7	0.0	
Building 2	HVAC	Point	23.9	18.8	17.2	0.0	
Building 2	HVAC	Point	23.9	18.7	17.2	0.0	
Building 2	HVAC	Point	23.8	18.6	17.1	0.0	
Building 2	HVAC	Point	23.7	18.6	17.1	0.0	
Building 4	HVAC	Point	32.6	27.4	25.9	0.0	
Building 4	HVAC	Point	32.4	27.3	25.7	0.0	
Building 4	HVAC	Point	32.7	27.6	26.0	0.0	
Building 4	HVAC	Point	32.5	27.4	25.9	0.0	
Building 4	HVAC	Point	29.9	24.8	23.3	0.0	
Building 4	HVAC	Point	29.9	24.8	23.2	0.0	
Building 4	HVAC	Point	29.6	24.5	22.9	0.0	
Building 4	HVAC	Point	31.0	25.8	24.3	0.0	
Building 4	HVAC	Point	30.8	25.6	24.1	0.0	
Building 4	HVAC	Point	31.0	25.9	24.4	0.0	
Building 4	HVAC	Point	30.8	25.7	24.2	0.0	
Building 4	HVAC	Point	31.5	26.4	24.9	0.0	
Building 4	HVAC	Point	31.3	26.2	24.7	0.0	
Building 4	HVAC	Point	31.7	26.5	25.0	0.0	
Building 4	HVAC	Point	31.5	26.3	24.8	0.0	
Building 4	HVAC	Point	32.0	26.9	25.4	0.0	
Building 4	HVAC	Point	31.9	26.7	25.2	0.0	
Building 4	HVAC	Point	32.2	27.1	25.5	0.0	
Building 4	HVAC	Point	32.0	26.9	25.3	0.0	
Building 4	HVAC	Point	29.7	24.5	23.0	0.0	
Building 2 North	Loading Dock	Area	37.5	31.0	31.0	0.0	
Building 2 South	Loading Dock	Area	22.6	16.2	16.2	0.0	
Building 3 South	Loading Dock	Area	46.7	40.3	40.3	0.0	
Building 3 North	Loading Dock	Area	27.8	21.4	21.4	0.0	
Building 4 North	Loading Dock	Area	25.6	19.2	19.2	0.0	
Building 1 North	Loading Dock	Area	42.8	36.4	36.4	0.0	

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Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 1 South	Loading Dock	Area	28.6	22.2	22.2	0.0	
Building 1/3	Trailer Stalls	Area	41.0	34.6	34.6	0.0	
Building 1 South	Trailer Stalls	Area	28.7	22.3	22.3	0.0	
Building 2 North	Trailer Stalls	Area	32.4	26.0	26.0	0.0	
Building 2 South 2	Trailer Stalls	Area	27.0	20.6	20.6	0.0	
Building 2 South 1	Trailer Stalls	Area	26.0	19.6	19.6	0.0	
Building 3/4	Trailer Stalls	Area	29.5	23.1	23.1	0.0	
Building 4 North	Trailer Stalls	Area	30.3	23.8	23.8	0.0	
Receiver LT-4 FIG dB(A) Lr,lim dB(A) Lr,lim dB(A) Ldn 53.3 dB(A) Leq,d 47.9 dB(A) Leq,n 46.7 dB(A)							
Building 3	HVAC	Point	33.4	28.2	26.7	0.0	
Building 3	HVAC	Point	33.2	28.1	26.5	0.0	
Building 3	HVAC	Point	33.5	28.4	26.9	0.0	
Building 3	HVAC	Point	33.4	28.2	26.7	0.0	
Building 3	HVAC	Point	31.4	26.3	24.8	0.0	
Building 3	HVAC	Point	31.6	26.4	24.9	0.0	
Building 3	HVAC	Point	31.4	26.2	24.7	0.0	
Building 3	HVAC	Point	31.9	26.8	25.2	0.0	
Building 3	HVAC	Point	31.7	26.6	25.0	0.0	
Building 3	HVAC	Point	32.0	26.9	25.4	0.0	
Building 3	HVAC	Point	31.8	26.7	25.2	0.0	
Building 3	HVAC	Point	32.4	27.3	25.8	0.0	
Building 3	HVAC	Point	32.3	27.1	25.6	0.0	
Building 3	HVAC	Point	32.6	27.5	25.9	0.0	
Building 3	HVAC	Point	32.4	27.3	25.7	0.0	
Building 3	HVAC	Point	32.9	27.8	26.2	0.0	
Building 3	HVAC	Point	32.7	27.6	26.1	0.0	
Building 3	HVAC	Point	33.1	27.9	26.4	0.0	
Building 3	HVAC	Point	32.9	27.8	26.2	0.0	
Building 3	HVAC	Point	31.3	26.1	24.6	0.0	
Commercial	HVAC	Point	23.7	18.6	17.1	0.0	
Building 1	HVAC	Point	39.3	34.2	32.6	0.0	
Building 1	HVAC	Point	39.5	34.3	32.8	0.0	
Building 1	HVAC	Point	39.0	33.9	32.4	0.0	
Building 1	HVAC	Point	39.2	34.0	32.5	0.0	
Building 1	HVAC	Point	37.8	32.7	31.1	0.0	
Building 1	HVAC	Point	37.9	32.8	31.2	0.0	
Building 1	HVAC	Point	37.5	32.4	30.9	0.0	
Building 1	HVAC	Point	37.6	32.5	30.9	0.0	

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Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 1	HVAC	Point	36.4	31.2	29.7	0.0	
Building 1	HVAC	Point	36.4	31.3	29.8	0.0	
Building 1	HVAC	Point	36.1	31.0	29.5	0.0	
Building 1	HVAC	Point	36.2	31.1	29.5	0.0	
Building 1	HVAC	Point	35.3	30.2	28.6	0.0	
Building 1	HVAC	Point	35.3	30.2	28.7	0.0	
Building 1	HVAC	Point	35.1	30.0	28.4	0.0	
Building 1	HVAC	Point	35.1	30.0	28.5	0.0	
Building 1	HVAC	Point	34.1	29.0	27.5	0.0	
Building 1	HVAC	Point	34.2	29.0	27.5	0.0	
Parcel 1	HVAC	Point	34.0	28.8	27.3	0.0	
Building 1	HVAC	Point	34.0	28.9	27.3	0.0	
Building 2	HVAC	Point	27.8	22.7	21.2	0.0	
Building 2	HVAC	Point	27.8	22.7	21.1	0.0	
Building 2	HVAC	Point	27.6	22.5	21.0	0.0	
Building 2	HVAC	Point	27.6	22.5	21.0	0.0	
Building 2	HVAC	Point	27.0	21.8	20.3	0.0	
Building 2	HVAC	Point	27.0	21.8	20.3	0.0	
Building 2	HVAC	Point	26.8	21.7	20.1	0.0	
Building 2	HVAC	Point	26.8	21.7	20.1	0.0	
Building 2	HVAC	Point	26.2	21.1	19.5	0.0	
Building 2	HVAC	Point	26.2	21.1	19.5	0.0	
Building 2	HVAC	Point	26.1	21.0	19.4	0.0	
Building 2	HVAC	Point	26.1	20.9	19.4	0.0	
Building 2	HVAC	Point	25.6	20.4	18.9	0.0	
Building 2	HVAC	Point	25.6	20.4	18.9	0.0	
Building 2	HVAC	Point	25.4	20.3	18.8	0.0	
Building 2	HVAC	Point	25.4	20.3	18.8	0.0	
Building 2	HVAC	Point	24.9	19.8	18.3	0.0	
Building 2	HVAC	Point	24.9	19.8	18.3	0.0	
Building 2	HVAC	Point	24.8	19.7	18.1	0.0	
Building 2	HVAC	Point	24.8	19.7	18.1	0.0	
Building 4	HVAC	Point	30.0	24.9	23.4	0.0	
Building 4	HVAC	Point	29.9	24.8	23.3	0.0	
Building 4	HVAC	Point	30.2	25.1	23.5	0.0	
Building 4	HVAC	Point	30.1	24.9	23.4	0.0	
Building 4	HVAC	Point	28.7	23.6	22.1	0.0	
Building 4	HVAC	Point	28.8	23.6	22.1	0.0	
Building 4	HVAC	Point	28.7	23.6	22.0	0.0	
Building 4	HVAC	Point	28.9	23.8	22.3	0.0	
Building 4	HVAC	Point	28.9	23.7	22.2	0.0	
Building 4	HVAC	Point	28.9	23.8	22.3	0.0	
Building 4	HVAC	Point	28.9	23.8	22.2	0.0	
Building 4	HVAC	Point	29.5	24.3	22.8	0.0	
Building 4	HVAC	Point	29.3	24.1	22.6	0.0	

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Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 4	HVAC	Point	29.5	24.4	22.8	0.0	
Building 4	HVAC	Point	29.2	24.1	22.6	0.0	
Building 4	HVAC	Point	29.8	24.7	23.2	0.0	
Building 4	HVAC	Point	29.7	24.6	23.1	0.0	
Building 4	HVAC	Point	30.0	24.8	23.3	0.0	
Building 4	HVAC	Point	29.8	24.7	23.2	0.0	
Building 4	HVAC	Point	28.7	23.5	22.0	0.0	
Building 2 North	Loading Dock	Area	28.6	22.2	22.2	0.0	
Building 2 South	Loading Dock	Area	26.8	20.3	20.3	0.0	
Building 3 South	Loading Dock	Area	41.4	35.0	35.0	0.0	
Building 3 North	Loading Dock	Area	25.7	19.3	19.3	0.0	
Building 4 North	Loading Dock	Area	23.1	16.7	16.7	0.0	
Building 1 North	Loading Dock	Area	30.7	24.3	24.3	0.0	
Building 1 South	Loading Dock	Area	40.1	33.6	33.6	0.0	
Building 1/3	Trailer Stalls	Area	32.5	26.1	26.1	0.0	
Building 1 South	Trailer Stalls	Area	42.9	36.5	36.5	0.0	
Building 2 North	Trailer Stalls	Area	30.1	23.6	23.6	0.0	
Building 2 South 2	Trailer Stalls	Area	28.4	22.0	22.0	0.0	
Building 2 South 1	Trailer Stalls	Area	36.0	29.6	29.6	0.0	
Building 3/4	Trailer Stalls	Area	28.1	21.7	21.7	0.0	
Building 4 North	Trailer Stalls	Area	25.1	18.7	18.7	0.0	
Receiver Santa Fe Dam Recreation Area FI G			dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Ldn 58.0 dB(A)	Leq,d 51.8 dB(A)
Building 3	HVAC	Point	28.8	23.6	22.1	0.0	
Building 3	HVAC	Point	28.8	23.7	22.1	0.0	
Building 3	HVAC	Point	28.9	23.8	22.2	0.0	
Building 3	HVAC	Point	28.9	23.8	22.3	0.0	
Building 3	HVAC	Point	28.8	23.7	22.1	0.0	
Building 3	HVAC	Point	28.9	23.8	22.3	0.0	
Building 3	HVAC	Point	28.9	23.8	22.3	0.0	
Building 3	HVAC	Point	28.8	23.7	22.2	0.0	
Building 3	HVAC	Point	28.8	23.7	22.2	0.0	
Building 3	HVAC	Point	29.0	23.8	22.3	0.0	
Building 3	HVAC	Point	29.0	23.8	22.3	0.0	

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Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 3	HVAC	Point	28.9	23.7	22.2	0.0	
Building 3	HVAC	Point	28.9	23.7	22.2	0.0	
Building 3	HVAC	Point	29.0	23.9	22.3	0.0	
Building 3	HVAC	Point	29.0	23.9	22.3	0.0	
Building 3	HVAC	Point	28.8	23.7	22.1	0.0	
Building 3	HVAC	Point	28.8	23.7	22.1	0.0	
Building 3	HVAC	Point	28.9	23.8	22.3	0.0	
Building 3	HVAC	Point	28.9	23.8	22.3	0.0	
Building 3	HVAC	Point	28.8	23.7	22.1	0.0	
Commercial	HVAC	Point	26.7	21.6	20.0	0.0	
Building 1	HVAC	Point	33.6	28.4	26.9	0.0	
Building 1	HVAC	Point	33.7	28.6	27.1	0.0	
Building 1	HVAC	Point	33.6	28.5	26.9	0.0	
Building 1	HVAC	Point	33.8	28.7	27.1	0.0	
Building 1	HVAC	Point	33.7	28.6	27.0	0.0	
Building 1	HVAC	Point	33.9	28.8	27.2	0.0	
Building 1	HVAC	Point	33.7	28.6	27.1	0.0	
Building 1	HVAC	Point	33.9	28.8	27.3	0.0	
Building 1	HVAC	Point	33.8	28.6	27.1	0.0	
Building 1	HVAC	Point	34.0	28.8	27.3	0.0	
Building 1	HVAC	Point	33.8	28.6	27.1	0.0	
Building 1	HVAC	Point	34.0	28.8	27.3	0.0	
Building 1	HVAC	Point	33.8	28.7	27.1	0.0	
Building 1	HVAC	Point	34.0	28.9	27.3	0.0	
Building 1	HVAC	Point	33.8	28.7	27.1	0.0	
Building 1	HVAC	Point	34.0	28.9	27.3	0.0	
Building 1	HVAC	Point	33.7	28.5	27.0	0.0	
Building 1	HVAC	Point	33.9	28.7	27.2	0.0	
Parcel 1	HVAC	Point	33.6	28.5	27.0	0.0	
Building 1	HVAC	Point	33.8	28.7	27.2	0.0	
Building 2	HVAC	Point	30.4	25.3	23.8	0.0	
Building 2	HVAC	Point	30.5	25.4	23.9	0.0	
Building 2	HVAC	Point	30.3	25.1	23.6	0.0	
Building 2	HVAC	Point	30.3	25.2	23.7	0.0	
Building 2	HVAC	Point	29.5	24.4	22.9	0.0	
Building 2	HVAC	Point	29.6	24.5	22.9	0.0	
Building 2	HVAC	Point	29.3	24.2	22.7	0.0	
Building 2	HVAC	Point	29.4	24.3	22.7	0.0	
Building 2	HVAC	Point	28.7	23.5	22.0	0.0	
Building 2	HVAC	Point	28.7	23.6	22.1	0.0	
Building 2	HVAC	Point	28.5	23.4	21.9	0.0	
Building 2	HVAC	Point	28.6	23.5	21.9	0.0	
Building 2	HVAC	Point	27.9	22.8	21.3	0.0	
Building 2	HVAC	Point	28.0	22.9	21.3	0.0	

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Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 2	HVAC	Point	27.8	22.7	21.1	0.0	
Building 2	HVAC	Point	27.8	22.7	21.2	0.0	
Building 2	HVAC	Point	27.2	22.1	20.6	0.0	
Building 2	HVAC	Point	27.3	22.2	20.6	0.0	
Building 2	HVAC	Point	27.1	22.0	20.4	0.0	
Building 2	HVAC	Point	27.1	22.0	20.5	0.0	
Building 4	HVAC	Point	25.1	20.0	18.4	0.0	
Building 4	HVAC	Point	25.1	20.0	18.4	0.0	
Building 4	HVAC	Point	25.0	19.8	18.3	0.0	
Building 4	HVAC	Point	25.0	19.8	18.3	0.0	
Building 4	HVAC	Point	25.1	20.0	18.5	0.0	
Building 4	HVAC	Point	25.0	19.8	18.3	0.0	
Building 4	HVAC	Point	25.0	19.8	18.3	0.0	
Building 4	HVAC	Point	25.1	20.0	18.5	0.0	
Building 4	HVAC	Point	25.1	20.0	18.5	0.0	
Building 4	HVAC	Point	25.0	19.9	18.3	0.0	
Building 4	HVAC	Point	25.0	19.9	18.3	0.0	
Building 4	HVAC	Point	25.1	20.0	18.5	0.0	
Building 4	HVAC	Point	25.1	20.0	18.5	0.0	
Building 4	HVAC	Point	25.0	19.8	18.3	0.0	
Building 4	HVAC	Point	25.0	19.8	18.3	0.0	
Building 4	HVAC	Point	25.1	20.0	18.5	0.0	
Building 4	HVAC	Point	25.1	20.0	18.5	0.0	
Building 4	HVAC	Point	25.0	19.9	18.3	0.0	
Building 4	HVAC	Point	25.0	19.9	18.3	0.0	
Building 4	HVAC	Point	25.1	20.0	18.5	0.0	
Building 2 North	Loading Dock	Area	23.5	17.0	17.0	0.0	
Building 2 South	Loading Dock	Area	41.8	35.3	35.3	0.0	
Building 3 South	Loading Dock	Area	37.3	30.9	30.9	0.0	
Building 3 North	Loading Dock	Area	22.0	15.5	15.5	0.0	
Building 4 North	Loading Dock	Area	19.7	13.3	13.3	0.0	
Building 1 North	Loading Dock	Area	26.2	19.8	19.8	0.0	
Building 1 South	Loading Dock	Area	56.7	50.3	50.3	0.0	
Building 1/3	Trailer Stalls	Area	32.1	25.7	25.7	0.0	
Bulding 1 South	Trailer Stalls	Area	46.5	40.1	40.1	0.0	
Building 2 North	Trailer Stalls	Area	26.5	20.1	20.1	0.0	

Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 2 South 2	Trailer Stalls	Area	35.0	28.5	28.5	0.0	
Building 2 South 1	Trailer Stalls	Area	37.3	30.8	30.8	0.0	
Building 3/4	Trailer Stalls	Area	27.2	20.8	20.8	0.0	
Building 4 North	Trailer Stalls	Area	19.6	13.2	13.2	0.0	
Receiver ST-1 FI G dB(A) Lr,lim dB(A) Lr,lim dB(A) Ldn 67.4 dB(A) Leq,d 61.0 dB(A) Leq,n 61.0 dB(A)							
Building 3	HVAC	Point	30.2	25.1	23.5	0.0	
Building 3	HVAC	Point	30.2	25.1	23.5	0.0	
Building 3	HVAC	Point	30.3	25.2	23.7	0.0	
Building 3	HVAC	Point	30.3	25.2	23.7	0.0	
Building 3	HVAC	Point	30.2	25.0	23.5	0.0	
Building 3	HVAC	Point	30.3	25.2	23.6	0.0	
Building 3	HVAC	Point	30.3	25.2	23.6	0.0	
Building 3	HVAC	Point	30.2	25.0	23.5	0.0	
Building 3	HVAC	Point	30.1	25.0	23.5	0.0	
Building 3	HVAC	Point	30.3	25.2	23.6	0.0	
Building 3	HVAC	Point	30.3	25.2	23.6	0.0	
Building 3	HVAC	Point	30.2	25.1	23.5	0.0	
Building 3	HVAC	Point	30.2	25.1	23.5	0.0	
Building 3	HVAC	Point	30.3	25.2	23.7	0.0	
Building 3	HVAC	Point	30.3	25.2	23.7	0.0	
Building 3	HVAC	Point	30.2	25.0	23.5	0.0	
Building 3	HVAC	Point	30.2	25.0	23.5	0.0	
Building 3	HVAC	Point	30.3	25.2	23.6	0.0	
Building 3	HVAC	Point	30.3	25.2	23.6	0.0	
Building 3	HVAC	Point	30.1	25.0	23.5	0.0	
Commercial I	HVAC	Point	27.2	22.1	20.6	0.0	
Building 1	HVAC	Point	37.8	32.7	31.1	0.0	
Building 1	HVAC	Point	38.3	33.2	31.6	0.0	
Building 1	HVAC	Point	37.8	32.7	31.2	0.0	
Building 1	HVAC	Point	38.3	33.2	31.7	0.0	
Building 1	HVAC	Point	37.9	32.8	31.2	0.0	
Building 1	HVAC	Point	38.4	33.3	31.8	0.0	
Building 1	HVAC	Point	37.9	32.8	31.3	0.0	
Building 1	HVAC	Point	38.4	33.3	31.8	0.0	
Building 1	HVAC	Point	37.9	32.7	31.2	0.0	
Building 1	HVAC	Point	38.4	33.3	31.7	0.0	
Building 1	HVAC	Point	37.8	32.7	31.2	0.0	
Building 1	HVAC	Point	39.9	34.8	33.3	0.0	
Building 1	HVAC	Point	39.4	34.3	32.7	0.0	
Building 1	HVAC	Point	39.8	34.7	33.2	0.0	
Building 1	HVAC	Point	39.3	34.2	32.7	0.0	

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Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 1	HVAC	Point	39.8	34.6	33.1	0.0	
Building 1	HVAC	Point	37.6	32.5	30.9	0.0	
Building 1	HVAC	Point	38.1	32.9	31.4	0.0	
Parcel 1	HVAC	Point	37.5	32.4	30.9	0.0	
Building 1	HVAC	Point	38.0	32.9	31.3	0.0	
Building 2	HVAC	Point	32.2	27.1	25.5	0.0	
Building 2	HVAC	Point	32.2	27.1	25.6	0.0	
Building 2	HVAC	Point	31.9	26.8	25.3	0.0	
Building 2	HVAC	Point	32.0	26.9	25.3	0.0	
Building 2	HVAC	Point	31.0	25.9	24.3	0.0	
Building 2	HVAC	Point	31.0	25.9	24.4	0.0	
Building 2	HVAC	Point	30.7	25.6	24.1	0.0	
Building 2	HVAC	Point	30.8	25.6	24.1	0.0	
Building 2	HVAC	Point	29.9	24.8	23.2	0.0	
Building 2	HVAC	Point	29.9	24.8	23.3	0.0	
Building 2	HVAC	Point	29.7	24.6	23.1	0.0	
Building 2	HVAC	Point	29.8	24.6	23.1	0.0	
Building 2	HVAC	Point	29.0	23.9	22.4	0.0	
Building 2	HVAC	Point	29.1	23.9	22.4	0.0	
Building 2	HVAC	Point	28.9	23.7	22.2	0.0	
Building 2	HVAC	Point	28.9	23.8	22.2	0.0	
Building 2	HVAC	Point	28.2	23.1	21.6	0.0	
Building 2	HVAC	Point	28.3	23.1	21.6	0.0	
Building 2	HVAC	Point	28.1	22.9	21.4	0.0	
Building 2	HVAC	Point	28.1	23.0	21.4	0.0	
Building 4	HVAC	Point	19.3	14.2	12.7	0.0	
Building 4	HVAC	Point	19.3	14.2	12.7	0.0	
Building 4	HVAC	Point	19.1	14.0	12.5	0.0	
Building 4	HVAC	Point	19.1	14.0	12.5	0.0	
Building 4	HVAC	Point	19.3	14.2	12.6	0.0	
Building 4	HVAC	Point	19.1	14.0	12.4	0.0	
Building 4	HVAC	Point	19.1	14.0	12.4	0.0	
Building 4	HVAC	Point	19.3	14.2	12.6	0.0	
Building 4	HVAC	Point	19.3	14.2	12.6	0.0	
Building 4	HVAC	Point	19.1	14.0	12.5	0.0	
Building 4	HVAC	Point	19.1	14.0	12.5	0.0	
Building 4	HVAC	Point	19.3	14.2	12.6	0.0	
Building 4	HVAC	Point	19.3	14.2	12.6	0.0	
Building 4	HVAC	Point	19.1	14.0	12.4	0.0	
Building 4	HVAC	Point	19.1	14.0	12.4	0.0	
Building 4	HVAC	Point	19.3	14.2	12.7	0.0	
Building 4	HVAC	Point	19.3	14.2	12.7	0.0	
Building 4	HVAC	Point	19.2	14.0	12.5	0.0	
Building 4	HVAC	Point	19.2	14.0	12.5	0.0	
Building 4	HVAC	Point	19.3	14.2	12.6	0.0	

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Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 2 North	Loading Dock	Area	26.7	20.3	20.3	0.0	
Building 2 South	Loading Dock	Area	45.7	39.3	39.3	0.0	
Building 3 South	Loading Dock	Area	37.2	30.8	30.8	0.0	
Building 3 North	Loading Dock	Area	26.0	19.6	19.6	0.0	
Building 4 North	Loading Dock	Area	23.0	16.6	16.6	0.0	
Building 1 North	Loading Dock	Area	32.4	26.0	26.0	0.0	
Building 1 South	Loading Dock	Area	66.8	60.4	60.4	0.0	
Building 1/3	Trailer Stalls	Area	29.1	22.7	22.7	0.0	
Bulding 1 South	Trailer Stalls	Area	56.1	49.7	49.7	0.0	
Building 2 North	Trailer Stalls	Area	28.3	21.9	21.9	0.0	
Building 2 South 2	Trailer Stalls	Area	37.1	30.6	30.6	0.0	
Building 2 South 1	Trailer Stalls	Area	42.5	36.1	36.1	0.0	
Building 3/4	Trailer Stalls	Area	24.7	18.3	18.3	0.0	
Bulding 4 North	Trailer Stalls	Area	18.4	12.0	12.0	0.0	
Receiver ST-2 FI G dB(A) Lr,lim dB(A) Lr,lim dB(A) Ldn 70.3 dB(A) Leq,d 63.9 dB(A) Leq,n 63.9 dB(A)							
Building 3	HVAC	Point	26.0	20.9	19.3	0.0	
Building 3	HVAC	Point	26.0	20.9	19.3	0.0	
Building 3	HVAC	Point	26.1	21.0	19.5	0.0	
Building 3	HVAC	Point	26.1	21.0	19.5	0.0	
Building 3	HVAC	Point	25.9	20.7	19.2	0.0	
Building 3	HVAC	Point	26.0	20.8	19.3	0.0	
Building 3	HVAC	Point	26.0	20.8	19.3	0.0	
Building 3	HVAC	Point	29.6	24.5	22.9	0.0	
Building 3	HVAC	Point	30.1	25.0	23.4	0.0	
Building 3	HVAC	Point	29.7	24.6	23.0	0.0	
Building 3	HVAC	Point	30.2	25.1	23.6	0.0	
Building 3	HVAC	Point	26.0	20.8	19.3	0.0	
Building 3	HVAC	Point	29.5	24.4	22.8	0.0	
Building 3	HVAC	Point	26.1	21.0	19.4	0.0	
Building 3	HVAC	Point	26.1	20.9	19.4	0.0	
Building 3	HVAC	Point	26.0	20.8	19.3	0.0	
Building 3	HVAC	Point	26.0	20.8	19.3	0.0	
Building 3	HVAC	Point	26.1	21.0	19.4	0.0	

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Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 3	HVAC	Point	26.1	21.0	19.4	0.0	
Building 3	HVAC	Point	25.8	20.7	19.2	0.0	
Commercial	HVAC	Point	37.1	32.0	30.4	0.0	
Building 1	HVAC	Point	31.0	25.9	24.4	0.0	
Building 1	HVAC	Point	31.1	26.0	24.4	0.0	
Building 1	HVAC	Point	31.2	26.0	24.5	0.0	
Building 1	HVAC	Point	31.2	26.1	24.5	0.0	
Building 1	HVAC	Point	31.7	26.6	25.0	0.0	
Building 1	HVAC	Point	31.8	26.6	25.1	0.0	
Building 1	HVAC	Point	31.8	26.7	25.2	0.0	
Building 1	HVAC	Point	31.9	26.8	25.2	0.0	
Building 1	HVAC	Point	32.4	27.3	25.7	0.0	
Building 1	HVAC	Point	32.5	27.3	25.8	0.0	
Building 1	HVAC	Point	32.5	27.4	25.9	0.0	
Building 1	HVAC	Point	32.6	27.5	25.9	0.0	
Building 1	HVAC	Point	33.1	27.9	26.4	0.0	
Building 1	HVAC	Point	33.2	28.0	26.5	0.0	
Building 1	HVAC	Point	33.2	28.1	26.5	0.0	
Building 1	HVAC	Point	33.3	28.2	26.6	0.0	
Building 1	HVAC	Point	33.9	28.8	27.3	0.0	
Building 1	HVAC	Point	34.0	28.9	27.3	0.0	
Parcel 1	HVAC	Point	34.1	28.9	27.4	0.0	
Building 1	HVAC	Point	34.2	29.0	27.5	0.0	
Building 2	HVAC	Point	36.9	31.7	30.2	0.0	
Building 2	HVAC	Point	37.6	32.5	31.0	0.0	
Building 2	HVAC	Point	36.8	31.6	30.1	0.0	
Building 2	HVAC	Point	37.5	32.4	30.8	0.0	
Building 2	HVAC	Point	36.5	31.4	29.9	0.0	
Building 2	HVAC	Point	37.2	32.1	30.6	0.0	
Building 2	HVAC	Point	36.5	31.4	29.9	0.0	
Building 2	HVAC	Point	37.2	32.1	30.5	0.0	
Building 2	HVAC	Point	36.2	31.0	29.5	0.0	
Building 2	HVAC	Point	36.7	31.6	30.1	0.0	
Building 2	HVAC	Point	36.0	30.9	29.4	0.0	
Building 2	HVAC	Point	36.6	31.5	29.9	0.0	
Building 2	HVAC	Point	35.6	30.5	28.9	0.0	
Building 2	HVAC	Point	36.0	30.9	29.4	0.0	
Building 2	HVAC	Point	35.5	30.4	28.8	0.0	
Building 2	HVAC	Point	35.9	30.8	29.2	0.0	
Building 2	HVAC	Point	35.0	29.9	28.3	0.0	
Building 2	HVAC	Point	35.3	30.2	28.6	0.0	
Building 2	HVAC	Point	34.8	29.7	28.2	0.0	
Building 2	HVAC	Point	35.1	30.0	28.4	0.0	
Building 4	HVAC	Point	22.2	17.1	15.5	0.0	

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Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 4	HVAC	Point	22.3	17.2	15.7	0.0	
Building 4	HVAC	Point	21.9	16.8	15.2	0.0	
Building 4	HVAC	Point	22.1	17.0	15.4	0.0	
Building 4	HVAC	Point	14.5	9.4	7.9	0.0	
Building 4	HVAC	Point	14.4	9.3	7.8	0.0	
Building 4	HVAC	Point	14.5	9.3	7.8	0.0	
Building 4	HVAC	Point	14.5	9.4	7.8	0.0	
Building 4	HVAC	Point	14.5	9.4	7.9	0.0	
Building 4	HVAC	Point	14.4	9.3	7.7	0.0	
Building 4	HVAC	Point	14.4	9.3	7.8	0.0	
Building 4	HVAC	Point	14.4	9.3	7.8	0.0	
Building 4	HVAC	Point	14.5	9.3	7.8	0.0	
Building 4	HVAC	Point	14.3	9.2	7.6	0.0	
Building 4	HVAC	Point	14.3	9.2	7.7	0.0	
Building 4	HVAC	Point	22.4	17.2	15.7	0.0	
Building 4	HVAC	Point	14.4	9.3	7.8	0.0	
Building 4	HVAC	Point	22.2	17.0	15.5	0.0	
Building 4	HVAC	Point	14.3	9.2	7.6	0.0	
Building 4	HVAC	Point	14.6	9.4	7.9	0.0	
Building 2 North	Loading Dock	Area	33.4	27.0	27.0	0.0	
Building 2 South	Loading Dock	Area	67.6	61.2	61.2	0.0	
Building 3 South	Loading Dock	Area	38.0	31.6	31.6	0.0	
Building 3 North	Loading Dock	Area	26.3	19.9	19.9	0.0	
Building 4 North	Loading Dock	Area	22.7	16.3	16.3	0.0	
Building 1 North	Loading Dock	Area	29.8	23.4	23.4	0.0	
Building 1 South	Loading Dock	Area	55.8	49.4	49.4	0.0	
Building 1/3	Trailer Stalls	Area	27.5	21.1	21.1	0.0	
Building 1 South	Trailer Stalls	Area	44.3	37.9	37.9	0.0	
Building 2 North	Trailer Stalls	Area	27.0	20.5	20.5	0.0	
Building 2 South 2	Trailer Stalls	Area	50.3	43.9	43.9	0.0	
Building 2 South 1	Trailer Stalls	Area	66.3	59.9	59.9	0.0	
Building 3/4	Trailer Stalls	Area	22.6	16.2	16.2	0.0	
Building 4 North	Trailer Stalls	Area	17.4	11.0	11.0	0.0	

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Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Receiver ST-3	FI G	dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Ldn 49.4 dB(A)	Leq,d 44.0 dB(A)	Leq,n 42.8 dB(A)
Building 3	HVAC	Point	19.0	13.9	12.4	0.0	
Building 3	HVAC	Point	19.0	13.9	12.4	0.0	
Building 3	HVAC	Point	19.0	13.9	12.3	0.0	
Building 3	HVAC	Point	19.0	13.9	12.4	0.0	
Building 3	HVAC	Point	19.7	14.6	13.0	0.0	
Building 3	HVAC	Point	19.6	14.5	12.9	0.0	
Building 3	HVAC	Point	19.7	14.5	13.0	0.0	
Building 3	HVAC	Point	19.5	14.4	12.9	0.0	
Building 3	HVAC	Point	19.6	14.5	12.9	0.0	
Building 3	HVAC	Point	19.4	14.3	12.7	0.0	
Building 3	HVAC	Point	19.5	14.3	12.8	0.0	
Building 3	HVAC	Point	19.3	14.2	12.6	0.0	
Building 3	HVAC	Point	19.4	14.2	12.7	0.0	
Building 3	HVAC	Point	19.2	14.1	12.5	0.0	
Building 3	HVAC	Point	19.2	14.1	12.6	0.0	
Building 3	HVAC	Point	19.1	14.0	12.5	0.0	
Building 3	HVAC	Point	19.2	14.1	12.5	0.0	
Building 3	HVAC	Point	19.1	13.9	12.4	0.0	
Building 3	HVAC	Point	19.1	14.0	12.4	0.0	
Building 3	HVAC	Point	19.8	14.7	13.1	0.0	
Commercial	HVAC	Point	44.1	38.9	37.4	0.0	
Building 1	HVAC	Point	23.1	18.0	16.4	0.0	
Building 1	HVAC	Point	23.1	17.9	16.4	0.0	
Building 1	HVAC	Point	23.1	18.0	16.5	0.0	
Building 1	HVAC	Point	23.1	18.0	16.5	0.0	
Building 1	HVAC	Point	23.3	18.2	16.7	0.0	
Building 1	HVAC	Point	23.3	18.2	16.7	0.0	
Building 1	HVAC	Point	23.4	18.3	16.7	0.0	
Building 1	HVAC	Point	23.4	18.3	16.7	0.0	
Building 1	HVAC	Point	23.6	18.5	16.9	0.0	
Building 1	HVAC	Point	23.6	18.5	16.9	0.0	
Building 1	HVAC	Point	23.7	18.5	17.0	0.0	
Building 1	HVAC	Point	23.7	18.5	17.0	0.0	
Building 1	HVAC	Point	23.8	18.7	17.2	0.0	
Building 1	HVAC	Point	23.8	18.7	17.2	0.0	
Building 1	HVAC	Point	23.9	18.8	17.2	0.0	
Building 1	HVAC	Point	23.9	18.8	17.2	0.0	
Building 1	HVAC	Point	24.2	19.0	17.5	0.0	
Building 1	HVAC	Point	24.2	19.0	17.5	0.0	
Parcel 1	HVAC	Point	24.2	19.1	17.5	0.0	
Building 1	HVAC	Point	24.2	19.1	17.5	0.0	
Building 2	HVAC	Point	27.9	22.8	21.3	0.0	
Building 2	HVAC	Point	27.9	22.8	21.3	0.0	

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Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 2	HVAC	Point	28.1	23.0	21.5	0.0	
Building 2	HVAC	Point	28.1	23.0	21.5	0.0	
Building 2	HVAC	Point	29.1	24.0	22.4	0.0	
Building 2	HVAC	Point	29.1	24.0	22.4	0.0	
Building 2	HVAC	Point	29.4	24.3	22.7	0.0	
Building 2	HVAC	Point	29.4	24.3	22.7	0.0	
Building 2	HVAC	Point	30.6	25.4	23.9	0.0	
Building 2	HVAC	Point	30.6	25.5	23.9	0.0	
Building 2	HVAC	Point	30.8	25.7	24.2	0.0	
Building 2	HVAC	Point	30.9	25.7	24.2	0.0	
Building 2	HVAC	Point	32.3	27.2	25.6	0.0	
Building 2	HVAC	Point	32.3	27.2	25.6	0.0	
Building 2	HVAC	Point	32.7	27.6	26.1	0.0	
Building 2	HVAC	Point	32.7	27.6	26.1	0.0	
Building 2	HVAC	Point	34.8	29.6	28.1	0.0	
Building 2	HVAC	Point	34.8	29.6	28.1	0.0	
Building 2	HVAC	Point	35.4	30.3	28.8	0.0	
Building 2	HVAC	Point	35.5	30.3	28.8	0.0	
Building 4	HVAC	Point	15.2	10.1	8.6	0.0	
Building 4	HVAC	Point	15.3	10.2	8.7	0.0	
Building 4	HVAC	Point	14.9	9.7	8.2	0.0	
Building 4	HVAC	Point	15.0	9.8	8.3	0.0	
Building 4	HVAC	Point	16.1	10.9	9.4	0.0	
Building 4	HVAC	Point	16.0	10.9	9.4	0.0	
Building 4	HVAC	Point	15.9	10.8	9.2	0.0	
Building 4	HVAC	Point	16.2	11.1	9.6	0.0	
Building 4	HVAC	Point	16.3	11.1	9.6	0.0	
Building 4	HVAC	Point	15.9	10.8	9.2	0.0	
Building 4	HVAC	Point	16.0	10.9	9.3	0.0	
Building 4	HVAC	Point	15.8	10.7	9.2	0.0	
Building 4	HVAC	Point	16.0	10.8	9.3	0.0	
Building 4	HVAC	Point	15.5	10.3	8.8	0.0	
Building 4	HVAC	Point	15.6	10.5	8.9	0.0	
Building 4	HVAC	Point	15.6	10.5	8.9	0.0	
Building 4	HVAC	Point	15.7	10.6	9.0	0.0	
Building 4	HVAC	Point	15.2	10.1	8.6	0.0	
Building 4	HVAC	Point	15.3	10.2	8.7	0.0	
Building 4	HVAC	Point	15.9	10.8	9.2	0.0	
Building 2 North	Loading Dock	Area	40.5	34.1	34.1	0.0	
Building 2 South	Loading Dock	Area	35.3	28.9	28.9	0.0	
Building 3 South	Loading Dock	Area	34.0	27.6	27.6	0.0	

Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 3 North	Loading Dock	Area	26.2	19.8	19.8	0.0	
Building 4 North	Loading Dock	Area	25.6	19.2	19.2	0.0	
Building 1 North	Loading Dock	Area	34.6	28.2	28.2	0.0	
Building 1 South	Loading Dock	Area	25.7	19.3	19.3	0.0	
Building 1/3	Trailer Stalls	Area	26.0	19.6	19.6	0.0	
Building 1 South	Trailer Stalls	Area	20.9	14.5	14.5	0.0	
Building 2 North	Trailer Stalls	Area	29.9	23.5	23.5	0.0	
Building 2 South 2	Trailer Stalls	Area	29.5	23.1	23.1	0.0	
Building 2 South 1	Trailer Stalls	Area	28.2	21.7	21.7	0.0	
Building 3/4	Trailer Stalls	Area	21.6	15.2	15.2	0.0	
Building 4 North	Trailer Stalls	Area	20.1	13.7	13.7	0.0	
Receiver ST-4 Fl G dB(A) Lr,lim dB(A) Lr,lim dB(A) Ldn 50.4 dB(A) Leq,d 44.3 dB(A) Leq,n 43.9 dB(A)							
Building 3	HVAC	Point	16.7	11.6	10.0	0.0	
Building 3	HVAC	Point	16.8	11.6	10.1	0.0	
Building 3	HVAC	Point	16.7	11.6	10.0	0.0	
Building 3	HVAC	Point	16.8	11.6	10.1	0.0	
Building 3	HVAC	Point	17.4	12.3	10.8	0.0	
Building 3	HVAC	Point	17.4	12.3	10.8	0.0	
Building 3	HVAC	Point	17.5	12.4	10.9	0.0	
Building 3	HVAC	Point	17.2	12.1	10.6	0.0	
Building 3	HVAC	Point	17.3	12.2	10.7	0.0	
Building 3	HVAC	Point	17.3	12.1	10.6	0.0	
Building 3	HVAC	Point	17.3	12.2	10.7	0.0	
Building 3	HVAC	Point	17.1	11.9	10.4	0.0	
Building 3	HVAC	Point	17.1	12.0	10.5	0.0	
Building 3	HVAC	Point	17.1	11.9	10.4	0.0	
Building 3	HVAC	Point	17.1	12.0	10.5	0.0	
Building 3	HVAC	Point	16.9	11.7	10.2	0.0	
Building 3	HVAC	Point	16.9	11.8	10.3	0.0	
Building 3	HVAC	Point	16.9	11.8	10.2	0.0	
Building 3	HVAC	Point	16.9	11.8	10.3	0.0	
Building 3	HVAC	Point	17.5	12.4	10.8	0.0	
Commercial	HVAC	Point	31.1	26.0	24.4	0.0	
Building 1	HVAC	Point	17.0	11.9	10.4	0.0	
Building 1	HVAC	Point	17.1	11.9	10.4	0.0	

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Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 1	HVAC	Point	17.1	11.9	10.4	0.0	
Building 1	HVAC	Point	17.1	12.0	10.4	0.0	
Building 1	HVAC	Point	17.2	12.1	10.5	0.0	
Building 1	HVAC	Point	17.2	12.1	10.6	0.0	
Building 1	HVAC	Point	17.2	12.1	10.6	0.0	
Building 1	HVAC	Point	17.3	12.1	10.6	0.0	
Building 1	HVAC	Point	17.4	12.3	10.7	0.0	
Building 1	HVAC	Point	17.4	12.3	10.8	0.0	
Building 1	HVAC	Point	17.4	12.3	10.8	0.0	
Building 1	HVAC	Point	17.5	12.3	10.8	0.0	
Building 1	HVAC	Point	17.6	12.4	10.9	0.0	
Building 1	HVAC	Point	17.6	12.5	10.9	0.0	
Building 1	HVAC	Point	17.6	12.5	10.9	0.0	
Building 1	HVAC	Point	17.6	12.5	11.0	0.0	
Building 1	HVAC	Point	17.8	12.7	11.1	0.0	
Building 1	HVAC	Point	17.8	12.7	11.2	0.0	
Parcel 1	HVAC	Point	17.8	12.7	11.2	0.0	
Building 1	HVAC	Point	17.9	12.7	11.2	0.0	
Building 2	HVAC	Point	26.4	21.3	19.8	0.0	
Building 2	HVAC	Point	26.4	21.3	19.8	0.0	
Building 2	HVAC	Point	26.6	21.5	20.0	0.0	
Building 2	HVAC	Point	26.6	21.5	20.0	0.0	
Building 2	HVAC	Point	27.5	22.4	20.8	0.0	
Building 2	HVAC	Point	27.5	22.4	20.8	0.0	
Building 2	HVAC	Point	27.7	22.6	21.1	0.0	
Building 2	HVAC	Point	27.8	22.6	21.1	0.0	
Building 2	HVAC	Point	28.8	23.7	22.2	0.0	
Building 2	HVAC	Point	28.7	23.6	22.0	0.0	
Building 2	HVAC	Point	29.1	23.9	22.4	0.0	
Building 2	HVAC	Point	29.1	24.0	22.4	0.0	
Building 2	HVAC	Point	30.2	25.0	23.5	0.0	
Building 2	HVAC	Point	30.2	25.1	23.5	0.0	
Building 2	HVAC	Point	30.5	25.4	23.8	0.0	
Building 2	HVAC	Point	30.5	25.4	23.9	0.0	
Building 2	HVAC	Point	32.1	27.0	25.5	0.0	
Building 2	HVAC	Point	32.3	27.1	25.6	0.0	
Building 2	HVAC	Point	32.8	27.7	26.1	0.0	
Building 2	HVAC	Point	33.0	27.8	26.3	0.0	
Building 4	HVAC	Point	14.1	9.0	7.4	0.0	
Building 4	HVAC	Point	14.1	9.0	7.5	0.0	
Building 4	HVAC	Point	14.1	9.0	7.4	0.0	
Building 4	HVAC	Point	14.1	9.0	7.5	0.0	
Building 4	HVAC	Point	14.3	9.1	7.6	0.0	
Building 4	HVAC	Point	14.3	9.1	7.6	0.0	
Building 4	HVAC	Point	14.2	9.1	7.6	0.0	

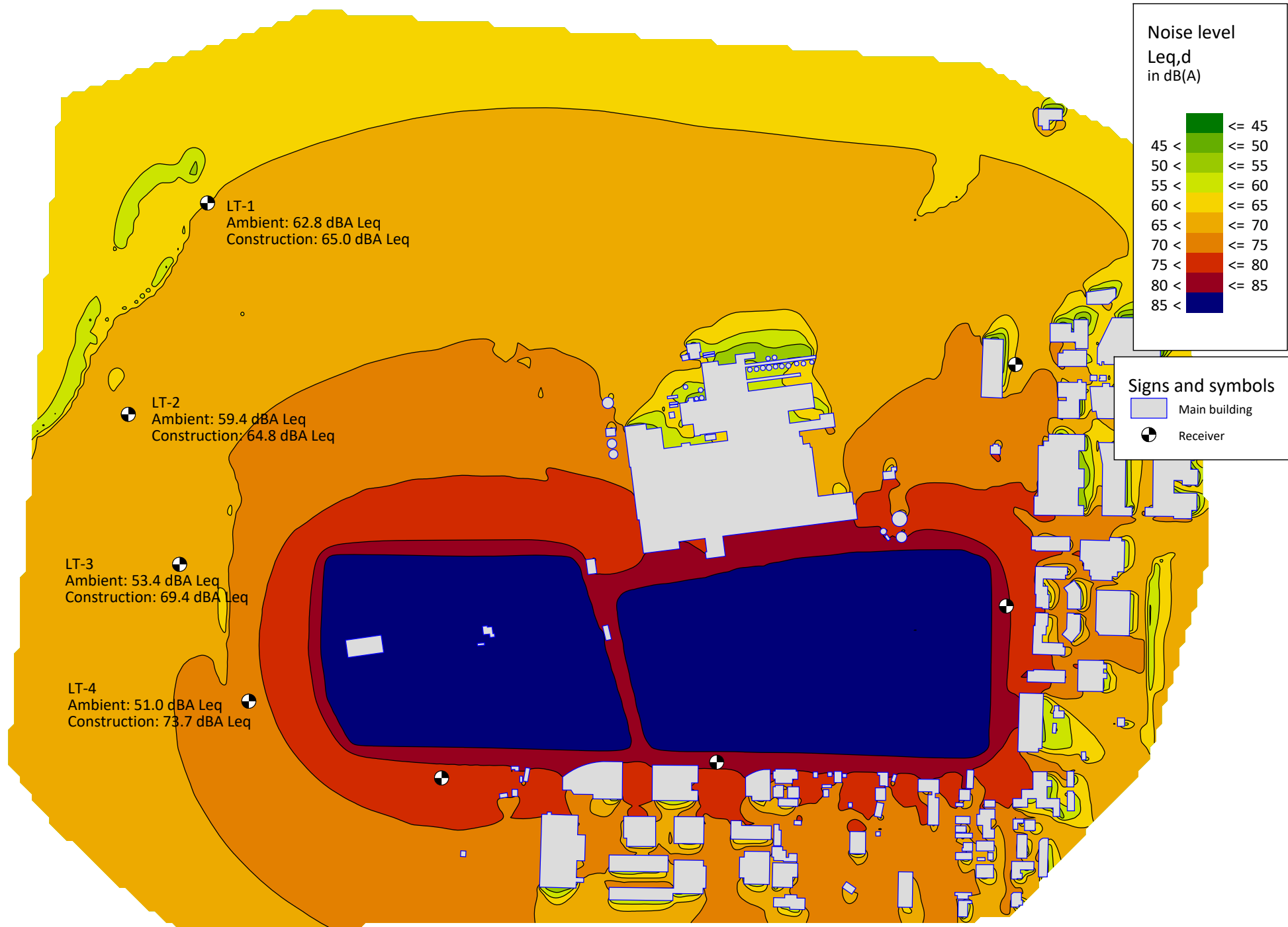
Brew Yard Contribution level - Phase2

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Source	Source group	Source ty	Ldn dB(A)	Leq,d dB(A)	Leq,n dB(A)	A dB	
Building 4	HVAC	Point	14.2	9.1	7.6	0.0	
Building 4	HVAC	Point	14.3	9.1	7.6	0.0	
Building 4	HVAC	Point	14.2	9.1	7.6	0.0	
Building 4	HVAC	Point	14.3	9.1	7.6	0.0	
Building 4	HVAC	Point	14.2	9.1	7.5	0.0	
Building 4	HVAC	Point	14.2	9.1	7.6	0.0	
Building 4	HVAC	Point	14.2	9.1	7.5	0.0	
Building 4	HVAC	Point	14.2	9.1	7.6	0.0	
Building 4	HVAC	Point	14.2	9.0	7.5	0.0	
Building 4	HVAC	Point	14.2	9.0	7.5	0.0	
Building 4	HVAC	Point	14.2	9.0	7.5	0.0	
Building 4	HVAC	Point	14.2	9.0	7.5	0.0	
Building 4	HVAC	Point	14.2	9.1	7.6	0.0	
Building 2 North	Loading Dock	Area	48.8	42.4	42.4	0.0	
Building 2 South	Loading Dock	Area	25.6	19.2	19.2	0.0	
Building 3 South	Loading Dock	Area	26.2	19.7	19.7	0.0	
Building 3 North	Loading Dock	Area	27.9	21.4	21.4	0.0	
Building 4 North	Loading Dock	Area	34.9	28.5	28.5	0.0	
Building 1 North	Loading Dock	Area	36.3	29.9	29.9	0.0	
Building 1 South	Loading Dock	Area	21.5	15.1	15.1	0.0	
Building 1/3	Trailer Stalls	Area	19.9	13.5	13.5	0.0	
Bulding 1 South	Trailer Stalls	Area	16.2	9.8	9.8	0.0	
Building 2 North	Trailer Stalls	Area	28.4	22.0	22.0	0.0	
Building 2 South 2	Trailer Stalls	Area	24.1	17.7	17.7	0.0	
Building 2 South 1	Trailer Stalls	Area	22.5	16.1	16.1	0.0	
Building 3/4	Trailer Stalls	Area	22.2	15.8	15.8	0.0	
Buildng 4 North	Trailer Stalls	Area	24.4	18.0	18.0	0.0	

BIO-S O U N D P L A N R E S U L T S

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SoundPLAN 9.1

Brew Yard

Mean propagation Leq - Const P1

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Source	Source type	Time slice	L'w dB(A)	Lw dB(A)	I or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)	
Receiver BIO1 FI G Leq,d 60.5 dB(A) Leq,n 60.5 dB(A)																						
Const P1 East	Area	Ldn	85.0	137.7	186664.7	0.0	0.0	3	1924.84	-76.7	-4.8	0.0	-3.7	0.00	0.0	0.0	55.6	0.0	0.0	6.4	62.0	
Const P1 East	Area	Leq,d	85.0	137.7	186664.7	0.0	0.0	3	1924.84	-76.7	-4.8	0.0	-3.7	0.00	0.0	0.0	55.6	0.0	0.0	0.0	55.6	
Const P1 East	Area	Leq,n	85.0	137.7	186664.7	0.0	0.0	3	1924.84	-76.7	-4.8	0.0	-3.7	0.00	0.0	0.0	55.6	0.0	0.0	0.0	55.6	
Const P1 West	Area	Ldn	85.0	136.7	147423.0	0.0	0.0	3	1332.17	-73.5	-4.8	0.0	-2.5	0.00	0.0	0.0	58.9	0.0	0.0	6.4	65.3	
Const P1 West	Area	Leq,d	85.0	136.7	147423.0	0.0	0.0	3	1332.17	-73.5	-4.8	0.0	-2.5	0.00	0.0	0.0	58.9	0.0	0.0	0.0	58.9	
Const P1 West	Area	Leq,n	85.0	136.7	147423.0	0.0	0.0	3	1332.17	-73.5	-4.8	0.0	-2.5	0.00	0.0	0.0	58.9	0.0	0.0	0.0	58.9	
Receiver BIO2 FI G Leq,d 58.8 dB(A) Leq,n 58.8 dB(A)																						
Const P1 East	Area	Ldn	85.0	137.7	186664.7	0.0	0.0	3	2145.55	-77.6	-4.8	0.0	-4.1	0.00	0.0	0.0	54.2	0.0	0.0	6.4	60.6	
Const P1 East	Area	Leq,d	85.0	137.7	186664.7	0.0	0.0	3	2145.55	-77.6	-4.8	0.0	-4.1	0.00	0.0	0.0	54.2	0.0	0.0	0.0	54.2	
Const P1 East	Area	Leq,n	85.0	137.7	186664.7	0.0	0.0	3	2145.55	-77.6	-4.8	0.0	-4.1	0.00	0.0	0.0	54.2	0.0	0.0	0.0	54.2	
Const P1 West	Area	Ldn	85.0	136.7	147423.0	0.0	0.0	3	1560.36	-74.9	-4.8	-0.1	-3.0	0.00	0.0	0.0	57.0	0.0	0.0	6.4	63.4	
Const P1 West	Area	Leq,d	85.0	136.7	147423.0	0.0	0.0	3	1560.36	-74.9	-4.8	-0.1	-3.0	0.00	0.0	0.0	57.0	0.0	0.0	0.0	57.0	
Const P1 West	Area	Leq,n	85.0	136.7	147423.0	0.0	0.0	3	1560.36	-74.9	-4.8	-0.1	-3.0	0.00	0.0	0.0	57.0	0.0	0.0	0.0	57.0	
Receiver LT-1 - Avg Ambient Daytime: 62.8 dBA Leq FI G Leq,d 65.0 dB(A) Leq,n 65.0 dB(A)																						
Const P1 East	Area	Ldn	85.0	137.7	186664.7	0.0	0.0	3	1282.36	-73.2	-4.7	-0.3	-2.5	0.00	0.0	0.0	60.1	0.0	0.0	6.4	66.5	
Const P1 East	Area	Leq,d	85.0	137.7	186664.7	0.0	0.0	3	1282.36	-73.2	-4.7	-0.3	-2.5	0.00	0.0	0.0	60.1	0.0	0.0	0.0	60.1	
Const P1 East	Area	Leq,n	85.0	137.7	186664.7	0.0	0.0	3	1282.36	-73.2	-4.7	-0.3	-2.5	0.00	0.0	0.0	60.1	0.0	0.0	0.0	60.1	

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Brew Yard

Mean propagation Leq - Const P1

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Source	Source type	Time slice	L'w dB(A)	Lw dB(A)	I or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)	
Const P1 West	Area	Ldn	85.0	136.7	147423.0	0.0	0.0	3	875.32	-69.8	-4.7	-0.2	-1.7	0.00	0.0	0.0	63.3	0.0	0.0	6.4	69.7	
Const P1 West	Area	Leq,d	85.0	136.7	147423.0	0.0	0.0	3	875.32	-69.8	-4.7	-0.2	-1.7	0.00	0.0	0.0	63.3	0.0	0.0	0.0	63.3	
Const P1 West	Area	Leq,n	85.0	136.7	147423.0	0.0	0.0	3	875.32	-69.8	-4.7	-0.2	-1.7	0.00	0.0	0.0	63.3	0.0	0.0	0.0	63.3	
Receiver LT-2 - Avg Ambient Daytime: 59.4 dBA Leq FI G Leq,d 64.6 dB(A) Leq,n 64.6 dB(A)																						
Const P1 East	Area	Ldn	85.0	137.7	186664.7	0.0	0.0	3	1220.78	-72.7	-4.8	-1.7	-2.3	0.00	0.0	0.0	59.2	0.0	0.0	6.4	65.6	
Const P1 East	Area	Leq,d	85.0	137.7	186664.7	0.0	0.0	3	1220.78	-72.7	-4.8	-1.7	-2.3	0.00	0.0	0.0	59.2	0.0	0.0	0.0	59.2	
Const P1 East	Area	Leq,n	85.0	137.7	186664.7	0.0	0.0	3	1220.78	-72.7	-4.8	-1.7	-2.3	0.00	0.0	0.0	59.2	0.0	0.0	0.0	59.2	
Const P1 West	Area	Ldn	85.0	136.7	147423.0	0.0	0.0	3	677.99	-67.6	-4.8	-2.8	-1.3	0.00	0.0	0.0	63.1	0.0	0.0	6.4	69.5	
Const P1 West	Area	Leq,d	85.0	136.7	147423.0	0.0	0.0	3	677.99	-67.6	-4.8	-2.8	-1.3	0.00	0.0	0.0	63.1	0.0	0.0	0.0	63.1	
Const P1 West	Area	Leq,n	85.0	136.7	147423.0	0.0	0.0	3	677.99	-67.6	-4.8	-2.8	-1.3	0.00	0.0	0.0	63.1	0.0	0.0	0.0	63.1	
Receiver LT-3 - Avg Ambient Daytime: 53.4 dBA Leq FI G Leq,d 69.1 dB(A) Leq,n 69.1 dB(A)																						
Const P1 East	Area	Ldn	85.0	137.7	186664.7	0.0	0.0	3	1065.24	-71.5	-4.8	-0.1	-2.0	0.00	0.0	0.0	62.2	0.0	0.0	6.4	68.6	
Const P1 East	Area	Leq,d	85.0	137.7	186664.7	0.0	0.0	3	1065.24	-71.5	-4.8	-0.1	-2.0	0.00	0.0	0.0	62.2	0.0	0.0	0.0	62.2	
Const P1 East	Area	Leq,n	85.0	137.7	186664.7	0.0	0.0	3	1065.24	-71.5	-4.8	-0.1	-2.0	0.00	0.0	0.0	62.2	0.0	0.0	0.0	62.2	
Const P1 West	Area	Ldn	85.0	136.7	147423.0	0.0	0.0	3	464.50	-64.3	-4.8	-1.5	-0.9	0.00	0.0	0.0	68.1	0.0	0.0	6.4	74.5	
Const P1 West	Area	Leq,d	85.0	136.7	147423.0	0.0	0.0	3	464.50	-64.3	-4.8	-1.5	-0.9	0.00	0.0	0.0	68.1	0.0	0.0	0.0	68.1	
Const P1 West	Area	Leq,n	85.0	136.7	147423.0	0.0	0.0	3	464.50	-64.3	-4.8	-1.5	-0.9	0.00	0.0	0.0	68.1	0.0	0.0	0.0	68.1	
Receiver LT-4 - Avg Ambient Daytime: 51.0 dBA Leq FI G Leq,d 73.6 dB(A) Leq,n 73.6 dB(A)																						

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Brew Yard

Mean propagation Leq - Const P1

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Source	Source type	Time slice	L'w dB(A)	Lw dB(A)	I or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)	
Const P1 East	Area	Ldn	85.0	137.7	186664.7	0.0	0.0	3	931.33	-70.4	-4.7	0.0	-1.8	0.00	0.0	0.0	63.8	0.0	0.0	6.4	70.2	
Const P1 East	Area	Leq,d	85.0	137.7	186664.7	0.0	0.0	3	931.33	-70.4	-4.7	0.0	-1.8	0.00	0.0	0.0	63.8	0.0	0.0	0.0	63.8	
Const P1 East	Area	Leq,n	85.0	137.7	186664.7	0.0	0.0	3	931.33	-70.4	-4.7	0.0	-1.8	0.00	0.0	0.0	63.8	0.0	0.0	0.0	63.8	
Const P1 West	Area	Ldn	85.0	136.7	147423.0	0.0	0.0	3	321.87	-61.1	-4.6	-0.2	-0.6	0.00	0.0	0.0	73.2	0.0	0.0	6.4	79.6	
Const P1 West	Area	Leq,d	85.0	136.7	147423.0	0.0	0.0	3	321.87	-61.1	-4.6	-0.2	-0.6	0.00	0.0	0.0	73.2	0.0	0.0	0.0	73.2	
Const P1 West	Area	Leq,n	85.0	136.7	147423.0	0.0	0.0	3	321.87	-61.1	-4.6	-0.2	-0.6	0.00	0.0	0.0	73.2	0.0	0.0	0.0	73.2	
Receiver ST-1 FI G Leq,d 77.8 dB(A) Leq,n 77.8 dB(A)																						
Const P1 East	Area	Ldn	85.0	137.7	186664.7	0.0	0.0	3	616.22	-66.8	-4.8	0.0	-1.1	0.00	0.0	0.0	68.0	0.0	0.0	6.4	74.4	
Const P1 East	Area	Leq,d	85.0	137.7	186664.7	0.0	0.0	3	616.22	-66.8	-4.8	0.0	-1.1	0.00	0.0	0.0	68.0	0.0	0.0	0.0	68.0	
Const P1 East	Area	Leq,n	85.0	137.7	186664.7	0.0	0.0	3	616.22	-66.8	-4.8	0.0	-1.1	0.00	0.0	0.0	68.0	0.0	0.0	0.0	68.0	
Const P1 West	Area	Ldn	85.0	136.7	147423.0	0.0	0.0	3	201.77	-57.1	-4.7	-0.2	-0.3	0.00	0.0	0.0	77.4	0.0	0.0	6.4	83.8	
Const P1 West	Area	Leq,d	85.0	136.7	147423.0	0.0	0.0	3	201.77	-57.1	-4.7	-0.2	-0.3	0.00	0.0	0.0	77.4	0.0	0.0	0.0	77.4	
Const P1 West	Area	Leq,n	85.0	136.7	147423.0	0.0	0.0	3	201.77	-57.1	-4.7	-0.2	-0.3	0.00	0.0	0.0	77.4	0.0	0.0	0.0	77.4	
Receiver ST-4 FI G Leq,d 64.7 dB(A) Leq,n 64.7 dB(A)																						
Const P1 East	Area	Ldn	85.0	137.7	186664.7	0.0	0.0	3	581.27	-66.3	-4.8	-4.0	-1.0	0.00	0.0	0.0	64.6	0.0	0.0	6.4	71.1	
Const P1 East	Area	Leq,d	85.0	137.7	186664.7	0.0	0.0	3	581.27	-66.3	-4.8	-4.0	-1.0	0.00	0.0	0.0	64.6	0.0	0.0	0.0	64.6	
Const P1 East	Area	Leq,n	85.0	137.7	186664.7	0.0	0.0	3	581.27	-66.3	-4.8	-4.0	-1.0	0.00	0.0	0.0	64.6	0.0	0.0	0.0	64.6	
Const P1 West	Area	Ldn	85.0	136.7	147423.0	0.0	0.0	3	1046.28	-71.4	-4.8	-13.2	-2.0	0.00	0.0	0.0	48.4	0.0	0.0	6.4	54.8	

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Brew Yard Mean propagation Leq - Const P1	10
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Brew Yard Mean propagation Leq - Const P1	10
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Source	Source type	Time slice	L'w dB(A)	Lw dB(A)	I or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)	
Const P1 West	Area	Leq,d	85.0	136.7	147423.0	0.0	0.0	3	1046.28	-71.4	-4.8	-13.2	-2.0	0.00	0.0	0.0	48.4	0.0	0.0	0.0	48.4	
Const P1 West	Area	Leq,n	85.0	136.7	147423.0	0.0	0.0	3	1046.28	-71.4	-4.8	-13.2	-2.0	0.00	0.0	0.0	48.4	0.0	0.0	0.0	48.4	

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