

APPENDIX G
Construction

INDUSTRY CITY FEIS CONSTRUCTION NOISE ANALYSIS EXISTING NOISE LEVELS

Select # for Meas. Noise Receptor Sites		Name of Receptor in CadnaA	Select Measurement Period	dBA							
				ExAM L _{eq} at Meas	ExAM L ₁₀ at Meas	Cadna ExAM L _{eq}	Non-traffic noise level	Min Level (avg Meas L ₉₀)	Existing L _{eq}	L ₁₀ Difference	Existing L ₁₀
1		M1 002.OG	AM	62.5	65.9	64.2	59.3	55.3	65.4	3.4	68.8
2		M2 002.OG	AM	68.7	71.9	68.2	0.0	62.3	68.2	3.2	71.4
3		M3 002.OG	AM	71.0	72.8	74.2	71.4	68.7	76.0	1.8	77.8
4		M4 002.OG	AM	69.7	71.5	67.6	65.5	60.9	69.7	1.8	71.5
5		M5 002.OG	AM	67.1	70.2	67.5	0.0	60.4	67.5	3.1	70.6
6		M6 002.OG	AM	62.0	64.0	64.5	60.9	58.6	66.1	2.0	68.1
A		MA 002.OG	AM	67.2	70.0	61.7	65.8	59.0	67.2	2.8	70.0
B		MB 002.OG	AM	76.7	78.3	75.2	71.4	74.6	76.7	1.6	78.3
B-1		B-1	AM	76.0	77.6	73.9	71.9	73.9	76.0	1.6	77.6
C		MC 002.OG	AM	82.1	83.7	84.2	80.0	79.4	85.6	1.6	87.2
C-1		C-1	AM	81.2	82.8	76.8	79.2	78.5	81.2	1.6	82.8
Noise Receptor Sites	Elevation (floor)	Address/Façade Number (ID)	Input Governing Measurement Loc	dBA							
				ExAM L _{eq} at Meas	ExAM L ₁₀ at Meas	Cadna ExAM L _{eq}	Non-traffic noise level	Min Level (avg Meas L ₉₀)	Existing L _{eq}	L ₁₀ Difference	Existing L ₁₀
1	1	M1 002.OG	1			64.2	59.3	63.3	65.4	3.4	68.8
2	1	M2 002.OG	2			68.2	0.0	63.3	68.2	3.2	71.4
3	1	M3 002.OG	3			74.2	71.4	63.3	76.0	1.8	77.8
4	1	M4 002.OG	4			67.6	65.5	63.3	69.7	1.8	71.5
5	1	M5 002.OG	5			67.5	0.0	63.3	67.5	3.1	70.6
6	1	M6 002.OG	6			64.5	60.9	63.3	66.1	2.0	68.1
A	1	MA 002.OG	A			61.7	65.8	63.3	67.2	2.8	70.0
B	1	MB 002.OG	B			75.2	71.4	63.3	76.7	1.6	78.3
B-1	1	B-1	B-1			73.9	71.9	63.3	76.0	1.6	77.6
C	1	MC 002.OG	C			84.2	80.0	63.3	85.6	1.6	87.2
C-1	1	C-1	C-1			76.8	79.2	63.3	81.2	1.6	82.8
001A 001	1	001A	B			74.4	71.4	63.3	76.2	1.6	77.7
001A 002	2	001A	B			74.9	71.4	63.3	76.5	1.6	78.1
001A 003	3	001A	B			75.1	71.4	63.3	76.6	1.6	78.2
001B 001	1	001B	B			72.7	71.4	63.3	75.1	1.6	76.7
001B 002	2	001B	B			74.5	71.4	63.3	76.2	1.6	77.8
001B 003	3	001B	B			74.9	71.4	63.3	76.5	1.6	78.1
001C 001	1	001C	B			67.1	71.4	63.3	72.8	1.6	74.3
001C 002	2	001C	B			68.2	71.4	63.3	73.1	1.6	74.7
001C 003	3	001C	B			69.9	71.4	63.3	73.7	1.6	75.3
001D 001	1	001D	C			77.2	80.0	63.3	81.9	1.6	83.5
001D 002	2	001D	C			78.1	80.0	63.3	82.2	1.6	83.8
001D 003	3	001D	C			78.3	80.0	63.3	82.3	1.6	83.9
002A 001	1	002A	B			71.7	71.4	63.3	74.6	1.6	76.1
002A 002	2	002A	B			72.3	71.4	63.3	74.9	1.6	76.4
002A 003	3	002A	B			73.0	71.4	63.3	75.3	1.6	76.8
002A 004	4	002A	B			74.9	71.4	63.3	76.5	1.6	78.1
002A 005	5	002A	B			75.8	71.4	63.3	77.1	1.6	78.7
002A 006	6	002A	B			75.8	71.4	63.3	77.1	1.6	78.7
002A 007	7	002A	B			75.6	71.4	63.3	77.0	1.6	78.6
002A 008	8	002A	B			75.4	71.4	63.3	76.9	1.6	78.4
002A 009	9	002A	B			75.2	71.4	63.3	76.7	1.6	78.3
002A 010	10	002A	B			74.9	71.4	63.3	76.5	1.6	78.1
002A 011	11	002A	B			74.6	71.4	63.3	76.3	1.6	77.9
002A 012	12	002A	B			74.3	71.4	63.3	76.1	1.6	77.7
002B 001	1	002B	B			71.7	71.4	63.3	74.6	1.6	76.1
002B 002	2	002B	B			71.9	71.4	63.3	74.7	1.6	76.2
002B 003	3	002B	B			72.3	71.4	63.3	74.9	1.6	76.4
002B 004	4	002B	B			74.3	71.4	63.3	76.1	1.6	77.7
002B 005	5	002B	B			75.1	71.4	63.3	76.6	1.6	78.2
002B 006	6	002B	B			75.0	71.4	63.3	76.6	1.6	78.1
002B 007	7	002B	B			75.0	71.4	63.3	76.6	1.6	78.1
002B 008	8	002B	B			74.8	71.4	63.3	76.4	1.6	78.0
002B 009	9	002B	B			74.6	71.4	63.3	76.3	1.6	77.9
002B 010	10	002B	B			74.7	71.4	63.3	76.4	1.6	77.9
002B 011	11	002B	B			75.1	71.4	63.3	76.6	1.6	78.2
002B 012	12	002B	B			74.8	71.4	63.3	76.4	1.6	78.0
002C 001	1	002C	C			74.2	80.0	63.3	81.0	1.6	82.6
002C 002	2	002C	C			76.8	80.0	63.3	81.7	1.6	83.3
002C 003	3	002C	C			78.6	80.0	63.3	82.4	1.6	84.0
002C 004	4	002C	C			79.8	80.0	63.3	82.9	1.6	84.5
002C 005	5	002C	C			81.6	80.0	63.3	83.9	1.6	85.5
002C 006	6	002C	C			81.3	80.0	63.3	83.7	1.6	85.3
002C 007	7	002C	C			81.0	80.0	63.3	83.6	1.6	85.2
002C 008	8	002C	C			80.6	80.0	63.3	83.3	1.6	84.9
002C 009	9	002C	C			80.2	80.0	63.3	83.1	1.6	84.7
002C 010	10	002C	C			79.7	80.0	63.3	82.9	1.6	84.5
002C 011	11	002C	C			79.3	80.0	63.3	82.7	1.6	84.3
002C 012	12	002C	C			78.9	80.0	63.3	82.5	1.6	84.1
003A 001	1	003A	B			72.4	71.4	63.3	74.9	1.6	76.5
003A 002	2	003A	B			73.1	71.4	63.3	75.3	1.6	76.9
003B 001	1	003B	B			64.4	71.4	63.3	72.2	1.6	73.8
003B 002	2	003B	B			66.2	71.4	63.3	72.5	1.6	74.1
004A 001	1	004A	B			75.8	71.4	63.3	77.1	1.6	78.7
004B 001	1	004B	B			76.4	71.4	63.3	77.6	1.6	79.2
004D 001	1	004D	B			76.0	71.4	63.3	77.3	1.6	78.9
005A 001	1	005A	3			73.2	71.4	63.3	75.4	1.8	77.2
005A 002	2	005A	3			74.0	71.4	63.3	75.9	1.8	77.7
005A 003	3	005A	3			75.2	71.4	63.3	76.7	1.8	78.5
005B 001	1	005B	3			72.2	71.4	63.3	74.8	1.8	76.6
005B 002	2	005B	3			72.9	71.4	63.3	75.2	1.8	77.0
005B 003	3	005B	3			73.9	71.4	63.3	75.8	1.8	77.6
005C 001	1	005C	C			75.2	80.0	63.3	81.3	1.6	82.9
005C 002	2	005C	C			77.5	80.0	63.3	82.0	1.6	83.6
005C 003	3	005C	C			78.6	80.0	63.3	82.4	1.6	84.0
005D 001	1	005D	3			63.6	71.4	63.3	72.0	1.8	73.8
005D 002	2	005D	3			66.7	71.4	63.3	72.6	1.8	74.4
005D 003	3	005D	3			70.0	71.4	63.3	73.7	1.8	75.5
006A 001	1	006A	3			72.1	71.4	63.3	74.8	1.8	76.6
006A 002	2	006A	3			73.5	71.4	63.3	75.6	1.8	77.4
006A 003	3	006A	3			75.3	71.4	63.3	76.8	1.8	78.6
006B 001	1	006B	3			70.8	71.4	63.3	74.1	1.8	75.9
006B 002	2	006B	3			71.6	71.4	63.3	74.5	1.8	76.3
006B 003	3	006B	3			73.2	71.4	63.3	75.4	1.8	77.2
006D 001	1	006D	3			74.0	71.4	63.3	75.9	1.8	77.7
006D 002	2	006D	3			74.6	71.4	63.3	76.3	1.8	78.1

006D 003	3	006D	3		75.7	71.4	63.3	77.1	1.8	78.9
007A 001	1	007A	1		61.0	59.3	63.3	63.3	3.4	66.7
007A 002	2	007A	1		61.6	59.3	63.3	63.6	3.4	67.0
007A 003	3	007A	1		61.8	59.3	63.3	63.7	3.4	67.1
007B 001	1	007B	1		57.1	59.3	63.3	63.3	3.4	66.7
007B 002	2	007B	1		60.6	59.3	63.3	63.3	3.4	66.7
007B 003	3	007B	1		62.1	59.3	63.3	63.9	3.4	67.3
008B 001	1	008B	1		65.3	59.3	63.3	66.3	3.4	69.7
008B 002	2	008B	1		65.9	59.3	63.3	66.8	3.4	70.2
008B 003	3	008B	1		65.7	59.3	63.3	66.6	3.4	70.0
008C 001	1	008C	1		67.6	59.3	63.3	68.2	3.4	71.6
008C 002	2	008C	1		68.0	59.3	63.3	68.6	3.4	72.0
008C 003	3	008C	1		68.0	59.3	63.3	68.6	3.4	72.0
008D 001	1	008D	1		59.9	59.3	63.3	63.3	3.4	66.7
008D 002	2	008D	1		60.9	59.3	63.3	63.3	3.4	66.7
008D 003	3	008D	1		59.6	59.3	63.3	63.3	3.4	66.7
009A 001	1	009A	1		61.2	59.3	63.3	63.4	3.4	66.8
009A 002	2	009A	1		64.1	59.3	63.3	65.3	3.4	68.7
009B 001	1	009B	1		65.9	59.3	63.3	66.8	3.4	70.2
009B 002	2	009B	1		66.2	59.3	63.3	67.0	3.4	70.4
009C 001	1	009C	1		57.4	59.3	63.3	63.3	3.4	66.7
009C 002	2	009C	1		60.4	59.3	63.3	63.3	3.4	66.7

INDUSTRY CITY FEIS CONSTRUCTION NOISE ANALYSIS RESULTS

Industry City FEIS
6AM Construction Traffic Noise Analysis

Receptor	Location	Existing Volume	Associated Measurement Location for Vehicle Classification Info	Existing PCEs	Construction Increment Volume	Construction Increment Truck	Construction PCEs	PCE Ratio	Doubling?
1	122 31st Street	1711	C	7044	0	0	0	1.00	No
2	882 3rd Avenue	370	C	1523	22	6	298	1.20	No
3	114 32nd Street	63	C	259	4	0	4	1.02	No
4	911-929 3rd Avenue	1672	C	6884	0	0	0	1.00	No
5	950 3rd Avenue	450	3	887	7	6	283	1.32	No
6	313 38th Street	1675	C	6896	4	0	4	1.00	No
7	166 41st Street	40	2	269	8	0	8	1.03	No
8	4124 2nd Avenue	526	5	2949	5	0	5	1.00	No
9	225 43rd Street	143	4	1071	6	3	144	1.13	No
10	968 3rd Avenue	450	3	887	7	6	283	1.32	No