

APPENDIX 19:

NOISE

Appendix 19, Table 1
Noise Monitoring - Weekday Results (in dBA)

Receptor	Measurement Location	Day	Time	L _{eq}	L ₁	L ₁₀	L ₅₀	L ₉₀
1	Jackson Avenue between 50th and 51st Avenues	Weekday	AM	67.5	77.7	70.5	63.7	59.9
			MD	67.4	75.7	70.6	65.0	61.4
			PM	66.8	77.4	69.5	63.3	60.1
2	Vernon Boulevard between 48th and 49th Avenues	Weekday	AM	67.0	76.8	70.0	63.4	59.3
			MD	68.6	78.9	72.0	63.0	59.1
			PM	67.2	76.5	70.5	64.1	61.0
3	50th Avenue between Vernon Boulevard and 5th Street	Weekday	AM	58.3	68.8	61.0	55.2	52.5
			MD	57.1	67.1	59.5	54.5	52.3
			PM	58.6	65.3	60.2	57.5	56.2
4	51st Avenue between Vernon Boulevard and 5th Street	Weekday	AM	64.5	74.8	65.5	61.6	58.9
			MD	63.0	69.3	63.1	59.8	58.0
			PM	63.1	73.1	64.7	59.3	56.4
X	2nd Street Across from the Anheuser-Busch Facility	Weekday	AM ¹	75.0	83.9	77.5	61.3	56.9
			MD	58.0	68.9	60.5	53.4	50.8
			PM	61.3	71.3	65.4	56.5	52.0
Y	Proposed Project Site adjacent to parking lot	Weekday	AM	56.2	66.1	58.5	53.7	52.7
			MD	56.9	64.4	58.1	56.1	54.5
			PM ²	N/A	N/A	N/A	N/A	N/A

Notes: Field measurements were performed by AKRF, Inc. on May 22, 2007, and January 8 and 17, 2008.

1 The relatively high AM noise measurement was due to truck activity at the Anheuser-Busch facility.

2 The PM noise measurement was unable to be performed due to rain.

Appendix 19, Table 2
TNM - Existing Weekday Results (in dBA)

Receptor	Measurement Location	Day	Time Period	Measured Existing $L_{eq(1-Hour)}$	TNM Existing $L_{eq(1-Hour)}$	Adjustment Factor (Measured minus TNM)
1	Jackson Avenue between 50th and 51st Avenues	Weekday	AM	67.5	68.1	-0.6
			MD	67.4	67.9	-0.5
			PM	66.8	65.8	1.0
2	Vernon Boulevard between 48th and 49th Avenues	Weekday	AM	67.0	69.6	-2.6
			MD	68.6	69.0	-0.4
			PM	67.2	68.3	-1.1
3	50th Avenue between Vernon Boulevard and 5th Street	Weekday	AM	58.3	61.1	-2.8
			MD	57.1	59.6	-2.5
			PM	58.6	58.5	0.1
4	51st Avenue between Vernon Boulevard and 5th Street	Weekday	AM	64.5	64.5	0.0
			MD	63.0	62.4	0.6
			PM	63.1	61.4	1.7

Appendix 19, Table 3
TNM - No Build 2017 Weekday Results (in dBA)

Receptor	Measurement Location	Day	Time Period	Measured Existing $L_{eq(1-Hour)}$	2017 No Build TNM $L_{eq(1-Hour)}$	Adjustment Factor	2017 No Build $L_{eq(1-Hour)}$	Increase (2017 No Build vs. Existing)	2017 No Build $L_{10(1-Hour)}$
1	Jackson Avenue between 50th and 51st Avenues	Weekday	AM	67.5	68.7	-0.6	68.1	0.6	71.1
			MD	67.4	68.5	-0.5	68.0	0.6	71.2
			PM	66.8	66.7	1.0	67.7	0.9	70.4
2	Vernon Boulevard between 48th and 49th Avenues	Weekday	AM	67.0	71.1	-2.6	68.5	1.5	71.5
			MD	68.6	70.7	-0.4	70.3	1.7	73.7
			PM	67.2	69.3	-1.1	68.2	1.0	71.5
3	50th Avenue between Vernon Boulevard and 5th Street	Weekday	AM	58.3	62.0	-2.8	59.2	0.9	61.9
			MD	57.1	60.0	-2.5	57.5	0.4	59.9
			PM	58.6	59.4	0.1	59.5	0.9	61.1
4	51st Avenue between Vernon Boulevard and 5th Street	Weekday	AM	64.5	65.0	0.0	65.0	0.5	66.0
			MD	63.0	63.0	0.6	63.6	0.6	63.7
			PM	63.1	62.4	1.7	64.1	1.0	65.7

Appendix 19, Table 4
TNM - Build 2017 Weekday Results (in dBA)

Receptor	Measurement Location	Day	Time Period	2017 No Build TNM $L_{eq}(1\text{-Hour})$	2017 Build TNM $L_{eq}(1\text{-Hour})$	Adjustment Factor	2017 Build $L_{eq}(1\text{-Hour})$	Increase (2017 Build vs. 2017 No Build)	2017 Build $L_{10}(1\text{-Hour})$
1	Jackson Avenue between 50th and 51st Avenues	Weekday	AM	<u>68.1</u>	<u>69.9</u>	-0.6	<u>69.3</u>	<u>1.2</u>	<u>72.3</u>
			MD	68.0	<u>69.4</u>	-0.5	<u>68.9</u>	<u>0.9</u>	<u>72.1</u>
			PM	67.7	<u>67.9</u>	1.0	<u>68.9</u>	<u>1.2</u>	<u>71.6</u>
2	Vernon Boulevard between 48th and 49th Avenues	Weekday	AM	<u>68.5</u>	<u>71.2</u>	-2.6	<u>68.6</u>	<u>0.1</u>	<u>71.6</u>
			MD	70.3	71.0	-0.4	70.6	0.3	74.0
			PM	<u>68.2</u>	<u>69.5</u>	-1.1	<u>68.4</u>	<u>0.2</u>	<u>71.7</u>
3	50th Avenue between Vernon Boulevard and 5th Street	Weekday	AM	59.2	<u>64.2</u>	-2.8	<u>61.4</u>	<u>2.2</u>	<u>64.1</u>
			MD	57.5	64.3	-2.5	61.8	4.3	64.2
			PM	<u>59.5</u>	61.3	0.1	61.4	<u>1.9</u>	63.0
4	51st Avenue between Vernon Boulevard and 5th Street	Weekday	AM	<u>65.0</u>	<u>66.7</u>	0.0	<u>66.7</u>	<u>1.7</u>	<u>67.7</u>
			MD	63.6	<u>64.7</u>	0.6	<u>65.3</u>	<u>1.7</u>	<u>65.4</u>
			PM	<u>64.1</u>	<u>65.5</u>	1.7	<u>67.2</u>	<u>3.1</u>	<u>68.8</u>

Note: Values that exceed CEQR Technical Manual impact criteria are shown in **bold**.