

NOISE MODELING APPENDIX A

FEIS Lmax - Ordinance Chapter 158 (Local Law 5 of 2024)

Craigville Logistics

To determine compliance with the new Chapter 158 standards provided at Section -2 P, the project site plan was subjected to SoundPLAN modeling (as described above and in Appendix J of the DEIS) at all eight locations originally analyzed. This modeling demonstrated compliance as follows:

<u>FEIS Table – Sound Levels vs. Lmax¹</u>								
No.	PROPOSED Receiver name	Floor	Limit Day	Night	Level Day dB(A)Lmax	Night	Conflict Day dB(A)	Night
dB								
1	Receptor 1 NE Houses S Property Line -	1.FI	75.0	90.0	61.0	59.6	0.0	0.0
2	Receptor 2 NE Houses W Property Line-	1.FI	75.0	90.0	60.2	58.0	0.0	0.0
3	Receptor 3 2 Oxford S Property Line -	1.FI	75.0	90.0	42.1	40.2	0.0	0.0
4	Receptor 4 13 Oxford S Property Line -	1.FI	75.0	90.0	60.9	58.5	0.0	0.0
5	Receptor 4a Heritage Trail S Property Line	1.FI	75.0	90.0	62.4	60.0	0.0	0.0
6	Receptor 6 Heritage-Primrose Joint S Prop	1.FI	75.0	90.0	47.4	45.1	0.0	0.0
7	Receptor 7 Garnett Hill Road South -	1.FI	75.0	90.0	50.0	47.8	0.0	0.0
8	Receptor 8 Primrose Lane South1 -	1.FI	75.0	90.0	47.7	44.4	0.0	0.0
9	Receptor 4 13 Oxford S Property Line1 -	1.FI	75.0	90.0	45.7	44.0	0.0	0.0

Yellow highlights the maximum result.

Limits per Ordinance Chapter 158-2P, Local Law 05 of 2024

"Nighttime Hours" (from 11:00 p.m. to 8:00 a.m.): 75 dBA.

"Daytime Hours" (from 8:00 a.m. to 11: 00 p.m.): 90 dBA.

The following appendix data are modeling outputs which show the decibel contribution from each project source, predicted as Lmax sound level totals, at each of the above receptors.

¹ Repeated from FEIS Text.

Source name		Level Traffic lane dB (A)	Day	Night
Receptor 1	NE Houses S	Property Line	1.F1	61.0
59.6				
Beeper 1	-	35.0	27.7	
Beeper 1	-	20.5	14.3	
Beeper 1	-	22.0	15.9	
Beeper 1	-	20.5	15.3	
GENERATOR	-	8.3	8.3	
HVAC 1	-	11.5	11.5	
HVAC 2	-	2.2	2.2	
HVAC 3	-	9.2	9.2	
HVAC 4	-	7.2	7.2	
HVAC 5	-	5.5	5.5	
HVAC 6	-	4.4	4.4	
HVAC 7	-	3.3	3.3	
Parking South	-	11.2	8.2	
Parking South	-	19.4	14.9	
Staff Entry/exit	-	47.1	43.4	
TRUCK AS POINT MAX	-	51.0	51.0	
TRUCK AS POINT MAX	-	53.0	53.0	
TRUCK AS POINT MAX	-	49.4	49.4	
TRUCK AS POINT MAX	-	53.2	53.2	
TRUCK AS POINT MAX1	-	38.8	38.8	
TRUCK AS POINT MAX1	-	36.9	36.9	
TRUCK AS POINT MAX1	-	40.7	40.7	
TRUCK AS POINT MAX1	-	37.3	37.3	
TRUCK AS POINT MAX16	-	32.3	32.3	
TRUCK AS POINT MAX16	-	32.0	32.0	
TRUCK AS POINT MAX16	-	32.7	32.7	
TRUCK AS POINT MAX16	-	33.2	33.2	
Truck Bays and Parking	-	23.8	19.8	
Truck Entry/exit	-	57.4	53.4	
Trucks/ Western	-	25.1	21.2	
Receptor 2	NE Houses W	Property Line	1.F1	60.2
58.0				
Beeper 1	-	27.3	20.1	
Beeper 1	-	25.6	19.4	
Beeper 1	-	25.8	19.8	
Beeper 1	-	22.8	17.6	
GENERATOR	-	1.4	1.4	
HVAC 1	-	3.3	3.3	
HVAC 2	-	-9.0	-9.0	
HVAC 3	-	-0.5	-0.5	
HVAC 4	-	-2.9	-2.9	
HVAC 5	-	-4.8	-4.8	
HVAC 6	-	-6.3	-6.3	
HVAC 7	-	-7.8	-7.8	
Parking South	-	6.8	3.8	
Parking South	-	13.9	9.4	
Staff Entry/exit	-	46.8	43.0	
TRUCK AS POINT MAX	-	49.5	49.5	
TRUCK AS POINT MAX	-	48.7	48.7	

TRUCK AS POINT MAX	-	50.3	50.3
TRUCK AS POINT MAX	-	47.9	47.9
TRUCK AS POINT MAX1	-	33.8	33.8
TRUCK AS POINT MAX1	-	30.7	30.7
TRUCK AS POINT MAX1	-	37.0	37.0
TRUCK AS POINT MAX1	-	29.6	29.6
TRUCK AS POINT MAX16	-	26.4	26.4
TRUCK AS POINT MAX16	-	26.0	26.0
TRUCK AS POINT MAX16	-	26.8	26.8
TRUCK AS POINT MAX16	-	27.2	27.2
Truck Bays and Parking	-	20.9	17.0
Truck Entry/exit	-	58.1	54.2
Trucks/ Western	-	32.0	28.0

Receptor 3 2 Oxford S Property Line	1.F1	42.1
40.2		

Beeper 1	-	27.0	19.7
Beeper 1	-	32.4	26.2
Beeper 1	-	26.5	20.5
Beeper 1	-	29.8	24.6
GENERATOR	-	-0.8	-0.8
HVAC 1	-	7.0	7.0
HVAC 2	-	-0.3	-0.3
HVAC 3	-	4.4	4.4
HVAC 4	-	3.6	3.6
HVAC 5	-	2.5	2.5
HVAC 6	-	1.5	1.5
HVAC 7	-	0.6	0.6
Parking South	-	2.8	-0.3
Parking South	-	10.2	5.7
Staff Entry/exit	-	27.9	24.1
TRUCK AS POINT MAX	-	28.2	28.2
TRUCK AS POINT MAX	-	29.3	29.3
TRUCK AS POINT MAX	-	27.6	27.6
TRUCK AS POINT MAX	-	30.5	30.5
TRUCK AS POINT MAX1	-	29.8	29.8
TRUCK AS POINT MAX1	-	25.6	25.6
TRUCK AS POINT MAX1	-	28.6	28.6
TRUCK AS POINT MAX1	-	25.6	25.6
TRUCK AS POINT MAX16	-	24.0	24.0
TRUCK AS POINT MAX16	-	23.6	23.6
TRUCK AS POINT MAX16	-	28.1	28.1
TRUCK AS POINT MAX16	-	28.2	28.2
Truck Bays and Parking	-	19.0	15.1
Truck Entry/exit	-	36.4	32.4
Trucks/ Western	-	20.5	16.5

Receptor 4 13 Oxford S Property Line	1.F1	60.9
58.5		

Beeper 1	-	46.6	39.4
Beeper 1	-	41.9	35.7
Beeper 1	-	35.3	29.3
Beeper 1	-	38.0	32.8
GENERATOR	-	-4.9	-4.9
HVAC 1	-	14.7	14.7
HVAC 2	-	5.3	5.3

HVAC 3	-	10.7	10.7
HVAC 4	-	10.3	10.3
HVAC 5	-	9.1	9.1
HVAC 6	-	7.9	7.9
HVAC 7	-	6.5	6.5
Parking South	-	10.4	7.4
Parking South	-	15.4	10.8
Staff Entry/exit	-	48.2	44.4
TRUCK AS POINT MAX	-	40.0	40.0
TRUCK AS POINT MAX	-	39.8	39.8
TRUCK AS POINT MAX	-	42.3	42.3
TRUCK AS POINT MAX	-	39.3	39.3
TRUCK AS POINT MAX1	-	48.1	48.1
TRUCK AS POINT MAX1	-	49.6	49.6
TRUCK AS POINT MAX1	-	49.6	49.6
TRUCK AS POINT MAX1	-	48.7	48.7
TRUCK AS POINT MAX16	-	37.3	37.3
TRUCK AS POINT MAX16	-	36.8	36.8
TRUCK AS POINT MAX16	-	37.9	37.9
TRUCK AS POINT MAX16	-	38.8	38.8
Truck Bays and Parking	-	34.8	30.8
Truck Entry/exit	-	58.4	54.4
Trucks/ Western	-	33.8	29.9

Receptor 4a Heritage Trail S Property Line
60.0

1.F1

62.4

Beeper 1	-	28.6	21.4
Beeper 1	-	33.1	26.9
Beeper 1	-	29.4	23.4
Beeper 1	-	30.6	25.4
GENERATOR	-	3.2	3.2
HVAC 1	-	7.0	7.0
HVAC 2	-	0.5	0.5
HVAC 3	-	5.7	5.7
HVAC 4	-	4.5	4.5
HVAC 5	-	3.4	3.4
HVAC 6	-	2.4	2.4
HVAC 7	-	1.4	1.4
Parking South	-	4.4	1.4
Parking South	-	12.2	7.6
Staff Entry/exit	-	29.1	25.4
TRUCK AS POINT MAX	-	33.9	33.9
TRUCK AS POINT MAX	-	33.5	33.5
TRUCK AS POINT MAX	-	32.6	32.6
TRUCK AS POINT MAX	-	35.0	35.0
TRUCK AS POINT MAX1	-	33.8	33.8
TRUCK AS POINT MAX1	-	27.3	27.3
TRUCK AS POINT MAX1	-	30.3	30.3
TRUCK AS POINT MAX1	-	28.0	28.0
TRUCK AS POINT MAX16	-	29.7	29.7
TRUCK AS POINT MAX16	-	29.4	29.4
TRUCK AS POINT MAX16	-	30.0	30.0
TRUCK AS POINT MAX16	-	30.4	30.4
Truck Bays and Parking	-	21.0	17.1
Truck Entry/exit	-	40.7	36.7

Trucks/ Western	-	31.0	27.1		
Receptor 6 Heritage-Primrose Joint				S Property Line	1.F1
47.4		45.1			
Beeper 1	-	47.3	40.1		
Beeper 1	-	42.2	36.0		
Beeper 1	-	35.4	29.4		
Beeper 1	-	38.2	32.9		
GENERATOR	-	-4.5	-4.5		
HVAC 1	-	15.1	15.1		
HVAC 2	-	5.3	5.3		
HVAC 3	-	10.0	10.0		
HVAC 4	-	9.9	9.9		
HVAC 5	-	8.9	8.9		
HVAC 6	-	7.9	7.9		
HVAC 7	-	6.6	6.6		
Parking South	-	11.5	8.4		
Parking South	-	16.1	11.6		
Staff Entry/exit	-	49.5	45.7		
TRUCK AS POINT MAX	-	41.7	41.7		
TRUCK AS POINT MAX	-	40.3	40.3		
TRUCK AS POINT MAX	-	42.8	42.8		
TRUCK AS POINT MAX	-	39.7	39.7		
TRUCK AS POINT MAX1	-	49.3	49.3		
TRUCK AS POINT MAX1	-	51.3	51.3		
TRUCK AS POINT MAX1	-	51.4	51.4		
TRUCK AS POINT MAX1	-	50.1	50.1		
TRUCK AS POINT MAX16	-	37.4	37.4		
TRUCK AS POINT MAX16	-	36.9	36.9		
TRUCK AS POINT MAX16	-	38.3	38.3		
TRUCK AS POINT MAX16	-	39.0	39.0		
Truck Bays and Parking	-	35.5	31.6		
Truck Entry/exit	-	60.1	56.2		
Trucks/ Western	-	34.5	30.6		
Receptor 7 Garnett Hill Road South				1.F1	50.0
47.8					
Beeper 1	-	38.6	31.4		
Beeper 1	-	35.0	28.8		
Beeper 1	-	26.7	20.6		
Beeper 1	-	29.8	24.6		
GENERATOR	-	-8.1	-8.1		
HVAC 1	-	9.8	9.8		
HVAC 2	-	0.8	0.8		
HVAC 3	-	5.5	5.5		
HVAC 4	-	5.4	5.4		
HVAC 5	-	4.9	4.9		
HVAC 6	-	4.1	4.1		
HVAC 7	-	2.9	2.9		
Parking South	-	5.2	2.2		
Parking South	-	11.6	7.1		
Staff Entry/exit	-	32.6	28.8		
TRUCK AS POINT MAX	-	32.8	32.8		
TRUCK AS POINT MAX	-	27.4	27.4		
TRUCK AS POINT MAX	-	33.2	33.2		
TRUCK AS POINT MAX	-	32.0	32.0		

TRUCK AS POINT MAX1	-	31.1	31.1			
TRUCK AS POINT MAX1	-	36.3	36.3			
TRUCK AS POINT MAX1	-	36.0	36.0			
TRUCK AS POINT MAX1	-	29.5	29.5			
TRUCK AS POINT MAX16	-	30.2	30.2			
TRUCK AS POINT MAX16	-	28.5	28.5			
TRUCK AS POINT MAX16	-	31.3	31.3			
TRUCK AS POINT MAX16	-	32.3	32.3			
Truck Bays and Parking	-	25.7	21.7			
Truck Entry/exit	-	42.6	38.6			
Trucks/ Western	-	29.8	25.8			
Receptor 8 Primrose Lane South1				1.F1	47.7	44.4
Beeper 1	-	41.0	33.8			
Beeper 1	-	41.8	35.6			
Beeper 1	-	23.7	17.7			
Beeper 1	-	28.1	22.8			
GENERATOR	-	-8.4	-8.4			
HVAC 1	-	10.6	10.6			
HVAC 2	-	6.6	6.6			
HVAC 3	-	10.6	10.6			
HVAC 4	-	10.7	10.7			
HVAC 5	-	10.1	10.1			
HVAC 6	-	9.4	9.4			
HVAC 7	-	8.3	8.3			
Parking South	-	3.0	0.0			
Parking South	-	9.5	4.9			
Staff Entry/exit	-	32.7	29.0			
TRUCK AS POINT MAX	-	33.9	33.9			
TRUCK AS POINT MAX	-	33.3	33.3			
TRUCK AS POINT MAX	-	34.3	34.3			
TRUCK AS POINT MAX	-	32.9	32.9			
TRUCK AS POINT MAX1	-	38.9	38.9			
TRUCK AS POINT MAX1	-	38.2	38.2			
TRUCK AS POINT MAX1	-	38.0	38.0			
TRUCK AS POINT MAX1	-	38.5	38.5			
TRUCK AS POINT MAX16	-	30.5	30.5			
TRUCK AS POINT MAX16	-	23.8	23.8			
TRUCK AS POINT MAX16	-	33.8	33.8			
TRUCK AS POINT MAX16	-	32.4	32.4			
Truck Bays and Parking	-	26.8	22.9			
Truck Entry/exit	-	44.0	40.0			
Trucks/ Western	-	25.0	21.0			
Receptor 4 13 Oxford S Property Line1				1.F1	45.7	
44.0						
Beeper 1	-	34.5	27.2			
Beeper 1	-	29.0	22.8			
Beeper 1	-	33.6	27.6			
Beeper 1	-	26.1	20.9			
GENERATOR	-	-9.9	-9.9			
HVAC 1	-	7.9	7.9			
HVAC 2	-	12.1	12.1			
HVAC 3	-	4.8	4.8			
HVAC 4	-	6.2	6.2			
HVAC 5	-	8.0	8.0			

HVAC 6	-	9.8	9.8
HVAC 7	-	12.0	12.0
Parking South	-	3.6	0.6
Parking South	-	8.4	3.9
Staff Entry/exit	-	24.9	21.1
TRUCK AS POINT MAX	-	29.0	29.0
TRUCK AS POINT MAX	-	27.7	27.7
TRUCK AS POINT MAX	-	29.3	29.3
TRUCK AS POINT MAX	-	28.4	28.4
TRUCK AS POINT MAX1	-	27.7	27.7
TRUCK AS POINT MAX1	-	31.2	31.2
TRUCK AS POINT MAX1	-	31.3	31.3
TRUCK AS POINT MAX1	-	26.8	26.8
TRUCK AS POINT MAX16	-	22.6	22.6
TRUCK AS POINT MAX16	-	24.9	24.9
TRUCK AS POINT MAX16	-	23.8	23.8
TRUCK AS POINT MAX16	-	25.1	25.1
Truck Bays and Parking	-	24.8	20.8
Truck Entry/exit	-	33.1	29.1
Trucks/ Western	-	46.3	42.3