Appendix D Air Quality and Greenhouse Emissions Data

Appendices

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Air Quality and Greenhouse Gas Appendix

Emissions Worksheet

Regional Construction Emissions Worksheet:

Phase 1

3.1. Phase 1 Building Demolition (2023)

		ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite		**Summer**					
	Off-Road Equipment	0.45	4.88	7.03	0.01	0.23	0.21
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.45**	**4.88**	**7.03**	**0.01**	**0.23**	**0.21**
Offsite							
	Worker	0.06	0.07	1.02	0.00	0.16	0.04
	Vendor	0.01	0.32	0.16	0.01	0.07	0.02
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.07**	**0.39**	**1.18**	**0.01**	**0.23**	**0.06**
TOTAL		***0.52***	***5.27***	***8.21***	***0.02***	***0.46***	***0.27***
Onsite		**Winter**					
	Off-Road Equipment	0.04	0.45	0.66	0.01	0.02	0.02
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.04**	**0.45**	**0.66**	**0.01**	**0.02**	**0.02**
Offsite							
	Worker	0.01	0.01	0.08	0.00	0.02	0.01
	Vendor	0.01	0.03	0.01	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.02**	**0.04**	**0.09**	**0.01**	**0.03**	**0.01**
TOTAL		***0.06***	***0.49***	***0.75***	***0.01***	***0.05***	***0.03***
Onsite							
	Off-Road	0.45	4.88	7.03	0.01	0.23	0.21
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.45**	**4.88**	**7.03**	**0.01**	**0.23**	**0.21**
Offsite							
	Worker	0.06	0.07	1.02	0.00	0.16	0.04
	Vendor	0.01	0.32	0.16	0.01	0.07	0.02
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.07**	**0.39**	**1.18**	**0.01**	**0.23**	**0.06**
TOTAL		***0.52***	***5.27***	***8.21***	***0.02***	***0.46***	***0.27***

3.3. Building Demolition Debris Hauling (2023)

		ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.21	0.03
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.21**	**0.03**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.01	0.37	0.14	0.01	0.08	0.02
	Total	**0.01**	**0.37**	**0.14**	**0.01**	**0.08**	**0.02**
TOTAL		***0.01***	***0.37***	***0.14***	***0.01***	***0.29***	***0.05***
Onsite		**Winter**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.02	0.01
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.02**	**0.01**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.01	0.04	0.01	0.01	0.01	0.01
	Total	**0.01**	**0.04**	**0.01**	**0.01**	**0.01**	**0.01**
TOTAL		***0.01***	***0.04***	***0.01***	***0.01***	***0.03***	***0.01***
Onsite							
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.21	0.03
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.21**	**0.03**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.01	0.37	0.14	0.01	0.08	0.02
	Total	**0.01**	**0.37**	**0.14**	**0.01**	**0.08**	**0.02**
TOTAL		***0.01***	***0.37***	***0.14***	***0.01***	***0.29***	***0.05***

3.5. Phase 1 Asphalt Demolition (2023)

		ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***
Onsite		**Winter**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***
Onsite							
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***

3.7. Phase 1 Asphalt Demolition Debris Haul (2023)

		ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.21	0.03
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.21**	**0.03**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.01	0.18	0.07	0.01	0.04	0.01
	Total	**0.01**	**0.18**	**0.07**	**0.01**	**0.04**	**0.01**
TOTAL		***0.01***	***0.18***	***0.07***	***0.01***	***0.25***	***0.04***
Onsite		**Winter**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.02	0.01
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.02**	**0.01**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.01	0.02	0.01	0.01	0.01	0.01
	Total	**0.01**	**0.02**	**0.01**	**0.01**	**0.01**	**0.01**
TOTAL		***0.01***	***0.02***	***0.01***	***0.01***	***0.03***	***0.01***
Onsite							
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.21	0.03
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.21**	**0.03**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.01	0.18	0.07	0.01	0.04	0.01
	Total	**0.01**	**0.18**	**0.07**	**0.01**	**0.04**	**0.01**
TOTAL		***0.01***	***0.18***	***0.07***	***0.01***	***0.25***	***0.04***

3.9. Phase 1 Site Preparation (2023)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	0.65	6.03	8.67	0.01	0.29	0.27
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.65**	**6.03**	**8.67**	**0.01**	**0.29**	**0.27**
Offsite							
	Worker	0.06	0.07	1.02	0.00	0.16	0.04
	Vendor	0.01	0.40	0.20	0.01	0.09	0.03
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.07**	**0.47**	**1.22**	**0.01**	**0.25**	**0.07**
TOTAL		***0.72***	***6.50***	***9.89***	***0.02***	***0.54***	***0.34***
Onsite		**Winter**					
	Off-Road Equipment	0.01	0.07	0.10	0.01	0.01	0.01
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.07**	**0.10**	**0.01**	**0.01**	**0.01**
Offsite							
	Worker	0.01	0.01	0.01	0.00	0.01	0.01
	Vendor	0.01	0.01	0.01	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.02**	**0.01**	**0.01**	**0.01**
TOTAL		***0.02***	***0.08***	***0.12***	***0.01***	***0.02***	***0.02***
Onsite							
	Off-Road	0.65	6.03	8.67	0.01	0.29	0.27
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.65**	**6.03**	**8.67**	**0.01**	**0.29**	**0.27**
Offsite							
	Hauling	0.06	0.07	1.02	0.00	0.16	0.04
	Vendor	0.01	0.40	0.20	0.01	0.09	0.03
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.07**	**0.47**	**1.22**	**0.01**	**0.25**	**0.07**
TOTAL		***0.72***	***6.50***	***9.89***	***0.02***	***0.54***	***0.34***

3.11. Phase 1 Rough Grading (2023)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	1.78	17.50	16.30	0.02	0.83	0.77
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.76	1.34
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.78**	**17.50**	**16.30**	**0.02**	**3.59**	**2.11**
Offsite							
	Worker	0.05	0.05	0.82	0.00	0.13	0.03
	Vendor	0.01	0.40	0.20	0.01	0.09	0.03
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.06**	**0.45**	**1.02**	**0.01**	**0.22**	**0.06**
TOTAL		***1.84***	***17.95***	***17.32***	***0.03***	***3.81***	***2.17***
Onsite		**Winter**					
	Off-Road Equipment	0.03	0.34	0.31	0.01	0.02	0.01
	Dust From Material Movement	0.00	0.00	0.00	0.00	0.05	0.03
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.03**	**0.34**	**0.31**	**0.01**	**0.07**	**0.04**
Offsite							
	Worker	0.01	0.01	0.01	0.00	0.01	0.01
	Vendor	0.01	0.01	0.01	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.02**	**0.02**	**0.01**	**0.01**	**0.01**
TOTAL		***0.04***	***0.36***	***0.33***	***0.01***	***0.08***	***0.05***
Onsite							
	Off-Road Equipment	1.78	17.50	16.30	0.02	0.83	0.77
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.76	1.34
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.78**	**17.50**	**16.30**	**0.02**	**3.59**	**2.11**
Offsite							
	Worker	0.05	0.05	0.82	0.00	0.13	0.03
	Vendor	0.01	0.40	0.20	0.01	0.09	0.03
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.06**	**0.45**	**1.02**	**0.01**	**0.22**	**0.06**
TOTAL		***1.84***	***17.95***	***17.32***	***0.03***	***3.81***	***2.17***

3.13. Phase 1 Fine Grading (2023)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	1.78	17.50	16.30	0.02	0.83	0.77
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.76	1.34
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.78**	**17.50**	**16.30**	**0.02**	**3.59**	**2.11**
Offsite							
	Worker	0.05	0.05	0.82	0.00	0.13	0.03
	Vendor	0.01	0.40	0.20	0.01	0.09	0.03
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.06**	**0.45**	**1.02**	**0.01**	**0.22**	**0.06**
TOTAL		***1.84***	***17.95***	***17.32***	***0.03***	***3.81***	***2.17***
Onsite		**Winter**					
	Off-Road Equipment	0.03	0.29	0.27	0.01	0.01	0.01
	Dust From Material Movement	0.00	0.00	0.00	0.00	0.05	0.02
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.03**	**0.29**	**0.27**	**0.01**	**0.06**	**0.03**
Offsite							
	Worker	0.01	0.01	0.01	0.00	0.01	0.01
	Vendor	0.01	0.01	0.01	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.02**	**0.02**	**0.01**	**0.01**	**0.01**
TOTAL		***0.04***	***0.31***	***0.29***	***0.01***	***0.07***	***0.04***
Onsite							
	Off-Road Equipment	1.78	17.50	16.30	0.02	0.83	0.77
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.76	1.34
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.78**	**17.50**	**16.30**	**0.02**	**3.59**	**2.11**
Offsite							
	Worker	0.05	0.05	0.82	0.00	0.13	0.03
	Vendor	0.01	0.40	0.20	0.01	0.09	0.03
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.06**	**0.45**	**1.02**	**0.01**	**0.22**	**0.06**
TOTAL		***1.84***	***17.95***	***17.32***	***0.03***	***3.81***	***2.17***

3.15. Phase 1 Building Construction (2023)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	1.19	9.81	10.20	0.02	0.41	0.38
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.19**	**9.81**	**10.20**	**0.02**	**0.41**	**0.38**
Offsite							
	Worker	0.05	0.05	0.84	0.00	0.13	0.03
	Vendor	0.01	0.16	0.08	0.01	0.04	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.06**	**0.21**	**0.92**	**0.01**	**0.17**	**0.04**
TOTAL		***1.25***	***10.02***	***11.12***	***0.03***	***0.58***	***0.42***
Onsite		**Winter**					
	Off-Road Equipment	1.19	9.81	10.20	0.02	0.41	0.38
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.19**	**9.81**	**10.20**	**0.02**	**0.41**	**0.38**
Offsite							
	Worker	0.01	0.02	0.18	0.00	0.03	0.01
	Vendor	0.01	0.04	0.02	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.02**	**0.06**	**0.20**	**0.01**	**0.04**	**0.02**
TOTAL		***1.21***	***9.87***	***10.40***	***0.03***	***0.45***	***0.40***
Onsite							
	Off-Road Equipment	1.19	9.81	10.20	0.02	0.41	0.38
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.19**	**9.81**	**10.20**	**0.02**	**0.41**	**0.38**
Offsite							
	Worker	0.05	0.05	0.84	0.00	0.13	0.03
	Vendor	0.01	0.16	0.08	0.01	0.04	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.06**	**0.21**	**0.92**	**0.01**	**0.17**	**0.04**
TOTAL		***1.25***	***10.02***	***11.12***	***0.03***	***0.58***	***0.42***

3.17. Phase 1 Building Construction (2024)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	1.13	9.44	10.10	0.02	0.37	0.34
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.13**	**9.44**	**10.10**	**0.02**	**0.37**	**0.34**
Offsite							
	Worker	0.05	0.05	0.77	0.00	0.13	0.03
	Vendor	0.01	0.15	0.07	0.01	0.04	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.06**	**0.20**	**0.84**	**0.01**	**0.17**	**0.04**
TOTAL		***1.19***	***9.64***	***10.94***	***0.03***	***0.54***	***0.38***
Onsite		**Winter**					
	Off-Road Equipment	1.13	9.44	10.10	0.02	0.37	0.34
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.13**	**9.44**	**10.10**	**0.02**	**0.37**	**0.34**
Offsite							
	Worker	0.05	0.06	0.65	0.00	0.13	0.03
	Vendor	0.01	0.16	0.08	0.01	0.04	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.06**	**0.22**	**0.73**	**0.01**	**0.17**	**0.04**
TOTAL		***1.19***	***9.66***	***10.83***	***0.03***	***0.54***	***0.38***
Onsite							
	Off-Road Equipment	1.13	9.44	10.10	0.02	0.37	0.34
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.13**	**9.44**	**10.10**	**0.02**	**0.37**	**0.34**
Offsite							
	Worker	0.05	0.06	0.77	0.00	0.13	0.03
	Vendor	0.01	0.16	0.08	0.01	0.04	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.06**	**0.22**	**0.84**	**0.01**	**0.17**	**0.04**
TOTAL		***1.19***	***9.66***	***10.94***	***0.03***	***0.54***	***0.38***

3.19. Phase 1 Paving (2024)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Paving	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***
Onsite		**Winter**					
	Off-Road Equipment	0.38	3.32	4.84	0.01	0.15	0.14
	Paving	0.15	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.53**	**3.32**	**4.84**	**0.01**	**0.15**	**0.14**
Offsite							
	Worker	0.03	0.04	0.48	0.00	0.10	0.02
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.03**	**0.04**	**0.48**	**0.00**	**0.10**	**0.02**
TOTAL		***0.56***	***3.36***	***5.32***	***0.01***	***0.25***	***0.16***
Onsite							
	Off-Road Equipment	0.38	3.32	4.84	0.01	0.15	0.14
	Paving	0.15	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.53**	**3.32**	**4.84**	**0.01**	**0.15**	**0.14**
Offsite							
	Worker	0.03	0.04	0.48	0.00	0.10	0.02
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.03**	**0.04**	**0.48**	**0.00**	**0.10**	**0.02**
TOTAL		***0.56***	***3.36***	***5.32***	***0.01***	***0.25***	***0.16***

3.21. Phase 1 Architectural Coating (2024)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Architectural Coatings	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***
Onsite		**Winter**					
	Off-Road Equipment	0.20	1.60	1.05	0.01	0.07	0.06
	Architectural Coatings	7.79	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**7.99**	**1.60**	**1.05**	**0.01**	**0.07**	**0.06**
Offsite							
	Worker	0.01	0.01	0.01	0.00	0.01	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.01**	**0.00**	**0.01**	**0.01**
TOTAL		***8.00***	***1.61***	***1.06***	***0.01***	***0.08***	***0.07***
Onsite							
	Off-Road Equipment	0.20	1.60	1.05	0.01	0.07	0.06
	Architectural Coatings	7.79	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**7.99**	**1.60**	**1.05**	**0.01**	**0.07**	**0.06**
Offsite							
	Worker	0.01	0.01	0.01	0.00	0.01	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.01**	**0.00**	**0.01**	**0.01**
TOTAL		***8.00***	***1.61***	***1.06***	***0.01***	***0.08***	***0.07***

3.23. Phase 1 Utilities Trenching (2023)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	0.11	0.87	1.02	0.01	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.11**	**0.87**	**1.02**	**0.01**	**0.03**	**0.03**
Offsite							
	Worker	0.01	0.01	0.20	0.00	0.03	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.20**	**0.00**	**0.03**	**0.01**
TOTAL		***0.12***	***0.88***	***1.22***	***0.01***	***0.06***	***0.04***
Onsite		**Winter**					
	Off-Road Equipment	0.01	0.01	0.01	0.01	0.01	0.01
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**
Offsite							
	Worker	0.01	0.01	0.01	0.00	0.01	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.01**	**0.00**	**0.01**	**0.01**
TOTAL		***0.01***	***0.02***	***0.02***	***0.01***	***0.01***	***0.01***
Onsite							
	Off-Road Equipment	0.11	0.87	1.02	0.01	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.11**	**0.87**	**1.02**	**0.01**	**0.03**	**0.03**
Offsite							
	Worker	0.01	0.01	0.20	0.00	0.03	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.20**	**0.00**	**0.03**	**0.01**
TOTAL		***0.12***	***0.88***	***1.22***	***0.01***	***0.06***	***0.04***

3.25. Phase 1 Finishing/Landscaping (2024)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***
Onsite		**Winter**					
	Off-Road Equipment	0.10	0.84	1.01	0.01	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.10**	**0.84**	**1.01**	**0.01**	**0.03**	**0.03**
Offsite							
	Worker	0.01	0.01	0.16	0.00	0.03	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.16**	**0.00**	**0.03**	**0.01**
TOTAL		***0.11***	***0.85***	***1.17***	***0.01***	***0.06***	***0.04***
Onsite							
	Off-Road Equipment	0.10	0.84	1.01	0.01	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.10**	**0.84**	**1.01**	**0.01**	**0.03**	**0.03**
Offsite							
	Worker	0.01	0.01	0.16	0.00	0.03	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.16**	**0.00**	**0.03**	**0.01**
TOTAL		***0.11***	***0.85***	***1.17***	***0.01***	***0.06***	***0.04***

Phase 2

3.2. Phase 2 Building Demolition (2025)

		ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite		**Summer**					
	Off-Road Equipment	0.58	5.61	8.82	0.01	0.23	0.21
	Demolition					0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.58**	**5.61**	**8.82**	**0.01**	**0.23**	**0.21**
Offsite							
	Worker	0.06	0.06	1.04	0.00	0.01	0.00
	Vendor	0.01	0.29	0.14	0.01	0.02	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.07**	**0.35**	**1.18**	**0.01**	**0.03**	**0.01**
TOTAL		***0.65***	***5.96***	***10.00***	***0.02***	***0.26***	***0.22***
Onsite		**Winter**					
	Off-Road Equipment	0.05	0.46	0.73	0.01	0.02	0.02
	Demolition					0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.05**	**0.46**	**0.73**	**0.01**	**0.02**	**0.02**
Offsite							
	Worker	0.01	0.01	0.08	0.00	0.01	0.00
	Vendor	0.01	0.02	0.01	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.02**	**0.03**	**0.09**	**0.01**	**0.01**	**0.01**
TOTAL		***0.07***	***0.49***	***0.82***	***0.01***	***0.03***	***0.03***
Onsite							
	Off-Road	0.58	5.61	8.82	0.01	0.23	0.21
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.58**	**5.61**	**8.82**	**0.01**	**0.23**	**0.21**
Offsite							
	Worker	0.06	0.06	1.04	0.00	0.01	0.00
	Vendor	0.01	0.29	0.14	0.01	0.02	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.07**	**0.35**	**1.18**	**0.01**	**0.03**	**0.01**
TOTAL		***0.65***	***5.96***	***10.00***	***0.02***	***0.26***	***0.22***

3.3. Building Demolition Debris Hauling (2025)

		ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition					0.01	0.01
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**0.01**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.01	0.09	0.03	0.01	0.01	0.01
	Total	**0.01**	**0.09**	**0.03**	**0.01**	**0.01**	**0.01**
TOTAL		***0.01***	***0.09***	***0.03***	***0.01***	***0.02***	***0.01***
Onsite		**Winter**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition					0.01	0.01
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**0.01**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.01	0.01	0.01	0.01	0.01	0.01
	Total	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**
TOTAL		***0.01***	***0.01***	***0.01***	***0.01***	***0.01***	***0.01***
Onsite							
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.01	0.01
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**0.01**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.01	0.09	0.03	0.01	0.01	0.01
	Total	**0.01**	**0.09**	**0.03**	**0.01**	**0.01**	**0.01**
TOTAL		***0.01***	***0.09***	***0.03***	***0.01***	***0.02***	***0.01***

3.5. Phase 2 Asphalt Demolition (2025)

		ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***
Onsite		**Winter**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***
Onsite							
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***

3.7. Phase 2 Asphalt Demolition Debris Haul (2025)

		ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition					0.50	0.08
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.50**	**0.08**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.01	0.34	0.13	0.01	0.02	0.01
	Total	**0.01**	**0.34**	**0.13**	**0.01**	**0.02**	**0.01**
TOTAL		***0.01***	***0.34***	***0.13***	***0.01***	***0.52***	***0.09***
Onsite		**Winter**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition					0.04	0.01
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.04**	**0.01**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.01	0.03	0.01	0.01	0.01	0.01
	Total	**0.01**	**0.03**	**0.01**	**0.01**	**0.01**	**0.01**
TOTAL		***0.01***	***0.03***	***0.01***	***0.01***	***0.05***	***0.02***
Onsite							
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.50	0.08
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.50**	**0.08**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.01	0.34	0.13	0.01	0.02	0.01
	Total	**0.01**	**0.34**	**0.13**	**0.01**	**0.02**	**0.01**
TOTAL		***0.01***	***0.34***	***0.13***	***0.01***	***0.52***	***0.09***

3.9. Phase 2 Site Preparation (2025)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	0.57	5.29	8.63	0.01	0.21	0.19
	Demolition					0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.57**	**5.29**	**8.63**	**0.01**	**0.21**	**0.19**
Offsite							
	Worker	0.05	0.05	0.87	0.00	0.01	0.00
	Vendor	0.01	0.36	0.18	0.01	0.02	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.06**	**0.41**	**1.05**	**0.01**	**0.03**	**0.01**
TOTAL		***0.63***	***5.70***	***9.68***	***0.02***	***0.24***	***0.20***
Onsite		**Winter**					
	Off-Road Equipment	0.01	0.07	0.12	0.01	0.01	0.01
	Demolition					0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.07**	**0.12**	**0.01**	**0.01**	**0.01**
Offsite							
	Worker	0.01	0.01	0.01	0.00	0.01	0.00
	Vendor	0.01	0.01	0.01	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.02**	**0.02**	**0.01**	**0.01**	**0.01**
TOTAL		***0.02***	***0.09***	***0.14***	***0.01***	***0.02***	***0.01***
Onsite							
	Off-Road	0.57	5.29	8.63	0.01	0.21	0.19
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.57**	**5.29**	**8.63**	**0.01**	**0.21**	**0.19**
Offsite							
	Hauling	0.05	0.05	0.87	0.00	0.01	0.00
	Vendor	0.01	0.36	0.18	0.01	0.02	0.01
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.06**	**0.41**	**1.05**	**0.01**	**0.03**	**0.01**
TOTAL		***0.63***	***5.70***	***9.68***	***0.02***	***0.24***	***0.20***

3.11. Phase 2 Rough Grading (2025)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	1.51	14.10	14.50	0.02	0.64	0.59
	Onsite truck					2.76	1.34
	Total	**1.51**	**14.10**	**14.50**	**0.02**	**3.40**	**1.93**
Offsite							
	Worker	0.04	0.04	0.70	0.00	0.01	0.00
	Vendor	0.01	0.36	0.18	0.01	0.02	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.05**	**0.40**	**0.88**	**0.01**	**0.03**	**0.01**
TOTAL		***1.56***	***14.50***	***15.38***	***0.03***	***3.43***	***1.94***
Onsite		**Winter**					
	Off-Road Equipment	0.04	0.35	0.36	0.01	0.02	0.01
	Onsite truck					0.07	0.03
	Total	**0.04**	**0.35**	**0.36**	**0.01**	**0.09**	**0.04**
Offsite							
	Worker	0.01	0.01	0.02	0.00	0.01	0.00
	Vendor	0.01	0.01	0.01	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.02**	**0.03**	**0.01**	**0.01**	**0.01**
TOTAL		***0.05***	***0.37***	***0.39***	***0.01***	***0.10***	***0.05***
Onsite							
	Off-Road Equipment	1.51	14.10	14.50	0.02	0.64	0.59
	Onsite truck	0.00	0.00	0.00	0.00	2.76	1.34
	Total	**1.51**	**14.10**	**14.50**	**0.02**	**3.40**	**1.93**
Offsite							
	Worker	0.04	0.04	0.70	0.00	0.01	0.00
	Vendor	0.01	0.36	0.18	0.01	0.02	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.05**	**0.40**	**0.88**	**0.01**	**0.03**	**0.01**
TOTAL		***1.56***	***14.50***	***15.38***	***0.03***	***3.43***	***1.94***

3.13. Phase 2 Fine Grading (2025)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	1.51	14.10	14.50	0.02	0.64	0.59
	Onsite truck					2.76	1.34
	Total	**1.51**	**14.10**	**14.50**	**0.02**	**3.40**	**1.93**
Offsite							
	Worker	0.04	0.04	0.70	0.00	0.01	0.00
	Vendor	0.01	0.36	0.18	0.01	0.02	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.05**	**0.40**	**0.88**	**0.01**	**0.03**	**0.01**
TOTAL		***1.56***	***14.50***	***15.38***	***0.03***	***3.43***	***1.94***
Onsite		**Winter**					
	Off-Road Equipment	0.03	0.31	0.32	0.01	0.01	0.01
	Onsite truck					0.06	0.03
	Total	**0.03**	**0.31**	**0.32**	**0.01**	**0.07**	**0.04**
Offsite							
	Worker	0.01	0.01	0.01	0.00	0.01	0.00
	Vendor	0.01	0.01	0.01	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.02**	**0.02**	**0.01**	**0.01**	**0.01**
TOTAL		***0.04***	***0.33***	***0.34***	***0.01***	***0.08***	***0.05***
Onsite							
	Off-Road Equipment	1.51	14.10	14.50	0.02	0.64	0.59
	Onsite truck	0.00	0.00	0.00	0.00	2.76	1.34
	Total	**1.51**	**14.10**	**14.50**	**0.02**	**3.40**	**1.93**
Offsite							
	Worker	0.04	0.04	0.70	0.00	0.01	0.00
	Vendor	0.01	0.36	0.18	0.01	0.02	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.05**	**0.40**	**0.88**	**0.01**	**0.03**	**0.01**
TOTAL		***1.56***	***14.50***	***15.38***	***0.03***	***3.43***	***1.94***

3.15. Phase 2 Building Construction (2025)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	1.24	10.60	11.90	0.02	0.40	0.37
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.24**	**10.60**	**11.90**	**0.02**	**0.40**	**0.37**
Offsite							
	Worker	0.01	0.01	0.13	0.00	0.01	0.00
	Vendor	0.01	0.03	0.01	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.02**	**0.04**	**0.14**	**0.01**	**0.01**	**0.01**
TOTAL		***1.26***	***10.64***	***12.04***	***0.03***	***0.41***	***0.38***
Onsite		**Winter**					
	Off-Road Equipment	1.24	10.60	11.90	0.02	0.40	0.37
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.24**	**10.60**	**11.90**	**0.02**	**0.40**	**0.37**
Offsite							
	Worker	0.01	0.01	0.11	0.00	0.01	0.00
	Vendor	0.01	0.03	0.01	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.02**	**0.04**	**0.12**	**0.01**	**0.01**	**0.01**
TOTAL		***1.26***	***10.64***	***12.02***	***0.03***	***0.41***	***0.38***
Onsite							
	Off-Road Equipment	1.24	10.60	11.90	0.02	0.40	0.37
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.24**	**10.60**	**11.90**	**0.02**	**0.40**	**0.37**
Offsite							
	Worker	0.01	0.01	0.13	0.00	0.01	0.00
	Vendor	0.01	0.03	0.01	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.02**	**0.04**	**0.14**	**0.01**	**0.01**	**0.01**
TOTAL		***1.26***	***10.64***	***12.04***	***0.03***	***0.41***	***0.38***

3.17. Phase 2 Building Construction (2026)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	1.18	10.10	11.80	0.02	0.36	0.33
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.18**	**10.10**	**11.80**	**0.02**	**0.36**	**0.33**
Offsite							
	Worker	0.01	0.01	0.12	0.00	0.01	0.00
	Vendor	0.01	0.02	0.01	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.02**	**0.03**	**0.13**	**0.01**	**0.01**	**0.01**
TOTAL		***1.20***	***10.13***	***11.93***	***0.03***	***0.37***	***0.34***
Onsite		**Winter**					
	Off-Road Equipment	1.18	10.10	11.80	0.02	0.36	0.33
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.18**	**10.10**	**11.80**	**0.02**	**0.36**	**0.33**
Offsite							
	Worker	0.01	0.01	0.10	0.00	0.01	0.00
	Vendor	0.01	0.03	0.01	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.02**	**0.04**	**0.11**	**0.01**	**0.01**	**0.01**
TOTAL		***1.20***	***10.14***	***11.91***	***0.03***	***0.37***	***0.34***
Onsite							
	Off-Road Equipment	1.18	10.10	11.80	0.02	0.36	0.33
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.18**	**10.10**	**11.80**	**0.02**	**0.36**	**0.33**
Offsite							
	Worker	0.01	0.01	0.12	0.00	0.01	0.00
	Vendor	0.01	0.03	0.01	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.02**	**0.04**	**0.13**	**0.01**	**0.01**	**0.01**
TOTAL		***1.20***	***10.14***	***11.93***	***0.03***	***0.37***	***0.34***

3.19. Phase 2 Paving (2026)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Paving	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***
Onsite		**Winter**					
	Off-Road Equipment	0.33	2.94	4.80	0.01	0.11	0.10
	Paving	0.01					
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.34**	**2.94**	**4.80**	**0.01**	**0.11**	**0.10**
Offsite							
	Worker	0.03	0.03	0.41	0.00	0.01	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.03**	**0.03**	**0.41**	**0.00**	**0.01**	**0.00**
TOTAL		***0.37***	***2.97***	***5.21***	***0.01***	***0.12***	***0.10***
Onsite							
	Off-Road Equipment	0.33	2.94	4.80	0.01	0.11	0.10
	Paving	0.01	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.34**	**2.94**	**4.80**	**0.01**	**0.11**	**0.10**
Offsite							
	Worker	0.03	0.03	0.41	0.00	0.01	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.03**	**0.03**	**0.41**	**0.00**	**0.01**	**0.00**
TOTAL		***0.37***	***2.97***	***5.21***	***0.01***	***0.12***	***0.10***

3.21. Phase 2 Architectural Coating (2026)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Architectural Coatings	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***
Onsite		**Winter**					
	Off-Road Equipment	0.12	0.86	1.13	0.01	0.02	0.02
	Architectural Coatings	2.67					
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**2.79**	**0.86**	**1.13**	**0.01**	**0.02**	**0.02**
Offsite							
	Worker	0.01	0.01	0.06	0.00	0.01	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.06**	**0.00**	**0.01**	**0.00**
TOTAL		***2.80***	***0.87***	***1.19***	***0.01***	***0.03***	***0.02***
Onsite							
	Off-Road Equipment	0.12	0.86	1.13	0.01	0.02	0.02
	Architectural Coatings	2.67	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**2.79**	**0.86**	**1.13**	**0.01**	**0.02**	**0.02**
Offsite							
	Worker	0.01	0.01	0.06	0.00	0.01	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.06**	**0.00**	**0.01**	**0.00**
TOTAL		***2.80***	***0.87***	***1.19***	***0.01***	***0.03***	***0.02***

3.23. Phase 2 Utilities Trenching (2025)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	0.10	0.83	1.02	0.01	0.03	0.02
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.10**	**0.83**	**1.02**	**0.01**	**0.03**	**0.02**
Offsite							
	Worker	0.01	0.01	0.17	0.00	0.01	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.17**	**0.00**	**0.01**	**0.00**
TOTAL		***0.11***	***0.84***	***1.19***	***0.01***	***0.04***	***0.02***
Onsite		**Winter**					
	Off-Road Equipment	0.01	0.01	0.01	0.01	0.01	0.01
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**
Offsite							
	Worker	0.01	0.01	0.01	0.00	0.01	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.01**	**0.00**	**0.01**	**0.00**
TOTAL		***0.01***	***0.02***	***0.02***	***0.01***	***0.01***	***0.01***
Onsite							
	Off-Road Equipment	0.10	0.83	1.02	0.01	0.03	0.02
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.10**	**0.83**	**1.02**	**0.01**	**0.03**	**0.02**
Offsite							
	Worker	0.01	0.01	0.17	0.00	0.01	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.17**	**0.00**	**0.01**	**0.00**
TOTAL		***0.11***	***0.84***	***1.19***	***0.01***	***0.04***	***0.02***

3.25. Phase 2 Finishing/Landscaping (2026)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***
Onsite		**Winter**					
	Off-Road Equipment	0.09	0.82	1.02	0.01	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.09**	**0.82**	**1.02**	**0.01**	**0.02**	**0.02**
Offsite							
	Worker	0.01	0.01	0.14	0.00	0.01	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.14**	**0.00**	**0.01**	**0.00**
TOTAL		***0.10***	***0.83***	***1.16***	***0.01***	***0.03***	***0.02***
Onsite							
	Off-Road Equipment	0.09	0.82	1.02	0.01	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.09**	**0.82**	**1.02**	**0.01**	**0.02**	**0.02**
Offsite							
	Worker	0.01	0.01	0.14	0.00	0.01	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.14**	**0.00**	**0.01**	**0.00**
TOTAL		***0.10***	***0.83***	***1.16***	***0.01***	***0.03***	***0.02***

Phase 3

3.1. Phase 3 Building Demolition (2028)

		ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite		**Summer**					
	Off-Road Equipment	0.50	4.86	8.83	0.01	0.14	0.13
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.50**	**4.86**	**8.83**	**0.01**	**0.14**	**0.13**
Offsite							
	Worker	0.05	0.05	0.85	0.00	0.20	0.05
	Vendor	0.01	0.25	0.12	0.01	0.07	0.02
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.06**	**0.30**	**0.97**	**0.01**	**0.27**	**0.07**
TOTAL		***0.56***	***5.16***	***9.80***	***0.02***	***0.41***	***0.20***
Onsite		**Winter**					
	Off-Road Equipment	0.05	0.52	0.94	0.01	0.02	0.01
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.05**	**0.52**	**0.94**	**0.01**	**0.02**	**0.01**
Offsite							
	Worker	0.01	0.01	0.08	0.00	0.02	0.01
	Vendor	0.01	0.03	0.01	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.02**	**0.04**	**0.09**	**0.01**	**0.03**	**0.01**
TOTAL		***0.07***	***0.56***	***1.03***	***0.01***	***0.05***	***0.02***
Onsite							
	Off-Road	0.50	4.86	8.83	0.01	0.14	0.13
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.50**	**4.86**	**8.83**	**0.01**	**0.14**	**0.13**
Offsite							
	Worker	0.05	0.05	0.85	0.00	0.20	0.05
	Vendor	0.01	0.25	0.12	0.01	0.07	0.02
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.06**	**0.30**	**0.97**	**0.01**	**0.27**	**0.07**
TOTAL		***0.56***	***5.16***	***9.80***	***0.02***	***0.41***	***0.20***

3.3. Building Demolition Debris Hauling (2028)

		ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.59	0.09
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.59**	**0.09**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.01	0.15	0.06	0.01	0.04	0.01
	Total	**0.01**	**0.15**	**0.06**	**0.01**	**0.04**	**0.01**
TOTAL		***0.01***	***0.15***	***0.06***	***0.01***	***0.63***	***0.10***
Onsite		**Winter**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.06	0.01
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.06**	**0.01**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.01	0.02	0.01	0.01	0.01	0.01
	Total	**0.01**	**0.02**	**0.01**	**0.01**	**0.01**	**0.01**
TOTAL		***0.01***	***0.02***	***0.01***	***0.01***	***0.07***	***0.02***
Onsite							
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.59	0.09
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.59**	**0.09**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.01	0.15	0.06	0.01	0.04	0.01
	Total	**0.01**	**0.15**	**0.06**	**0.01**	**0.04**	**0.01**
TOTAL		***0.01***	***0.15***	***0.06***	***0.01***	***0.63***	***0.10***

3.5. Phase 3 Asphalt Demolition (2028)

		ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***
Onsite		**Winter**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***
Onsite							
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***

3.7. Phase 3 Asphalt Demolition Debris Haul (2028)

		ROG	NOx	CO	SO_2	PM10 Total	PM2.5Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.15	0.02
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.15**	**0.02**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.01	0.15	0.06	0.01	0.04	0.01
	Total	**0.01**	**0.15**	**0.06**	**0.01**	**0.04**	**0.01**
TOTAL		***0.01***	***0.15***	***0.06***	***0.01***	***0.19***	***0.03***
Onsite		**Winter**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.02	0.01
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.02**	**0.01**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.01	0.02	0.01	0.01	0.01	0.01
	Total	**0.01**	**0.02**	**0.01**	**0.01**	**0.01**	**0.01**
TOTAL		***0.01***	***0.02***	***0.01***	***0.01***	***0.03***	***0.01***
Onsite							
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00	0.15	0.02
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.15**	**0.02**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.01	0.15	0.06	0.01	0.04	0.01
	Total	**0.01**	**0.15**	**0.06**	**0.01**	**0.04**	**0.01**
TOTAL		***0.01***	***0.15***	***0.06***	***0.01***	***0.19***	***0.03***

3.9. Phase 3 Site Preparation (2028)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**Summer**						
	Off-Road Equipment	0.50	4.68	8.65	0.01	0.14	0.13
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.50**	**4.68**	**8.65**	**0.01**	**0.14**	**0.13**
Offsite							
	Worker	0.04	0.04	0.71	0.00	0.16	0.04
	Vendor	0.01	0.31	0.15	0.01	0.09	0.03
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.05**	**0.35**	**0.86**	**0.01**	**0.25**	**0.07**
TOTAL		***0.55***	***5.03***	***9.51***	***0.02***	***0.39***	***0.20***
Onsite	**Winter**						
	Off-Road Equipment	0.01	0.05	0.09	0.01	0.01	0.01
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.05**	**0.09**	**0.01**	**0.01**	**0.01**
Offsite							
	Worker	0.01	0.01	0.01	0.00	0.01	0.01
	Vendor	0.01	0.01	0.01	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.02**	**0.01**	**0.01**	**0.01**
TOTAL		***0.02***	***0.06***	***0.11***	***0.01***	***0.02***	***0.02***
Onsite							
	Off-Road	0.50	4.68	8.65	0.01	0.14	0.13
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.50**	**4.68**	**8.65**	**0.01**	**0.14**	**0.13**
Offsite							
	Hauling	0.04	0.04	0.71	0.00	0.16	0.04
	Vendor	0.01	0.31	0.15	0.01	0.09	0.03
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.05**	**0.35**	**0.86**	**0.01**	**0.25**	**0.07**
TOTAL		***0.55***	***5.03***	***9.51***	***0.02***	***0.39***	***0.20***

3.11. Phase 3 Rough Grading (2028)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**Summer**						
	Off-Road Equipment	1.35	11.80	13.90	0.02	0.52	0.47
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.76	1.34
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.35**	**11.80**	**13.90**	**0.02**	**3.28**	**1.81**
Offsite							
	Worker	0.03	0.03	0.56	0.00	0.13	0.03
	Vendor	0.01	0.31	0.15	0.01	0.09	0.03
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.04**	**0.34**	**0.71**	**0.01**	**0.22**	**0.06**
TOTAL		***1.39***	***12.14***	***14.61***	***0.03***	***3.50***	***1.87***
Onsite	**Winter**						
	Off-Road Equipment	0.03	0.26	0.30	0.01	0.01	0.01
	Dust From Material Movement	0.00	0.00	0.00	0.00	0.06	0.03
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.03**	**0.26**	**0.30**	**0.01**	**0.07**	**0.04**
Offsite							
	Worker	0.01	0.01	0.01	0.00	0.01	0.01
	Vendor	0.01	0.01	0.01	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.02**	**0.02**	**0.01**	**0.01**	**0.01**
TOTAL		***0.04***	***0.28***	***0.32***	***0.01***	***0.08***	***0.05***
Onsite							
	Off-Road Equipment	1.35	11.80	13.90	0.02	0.52	0.47
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.76	1.34
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.35**	**11.80**	**13.90**	**0.02**	**3.28**	**1.81**
Offsite							
	Worker	0.03	0.03	0.56	0.00	0.13	0.03
	Vendor	0.01	0.31	0.15	0.01	0.09	0.03
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.04**	**0.34**	**0.71**	**0.01**	**0.22**	**0.06**
TOTAL		***1.39***	***12.14***	***14.61***	***0.03***	***3.50***	***1.87***

3.13. Phase 3 Fine Grading (2028)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	1.35	11.80	13.90	0.02	0.52	0.47
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.76	1.34
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.35**	**11.80**	**13.90**	**0.02**	**3.28**	**1.81**
Offsite							
	Worker	0.03	0.03	0.56	0.00	0.13	0.03
	Vendor	0.01	0.31	0.15	0.01	0.09	0.03
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.04**	**0.34**	**0.71**	**0.01**	**0.22**	**0.06**
TOTAL		***1.39***	***12.14***	***14.61***	***0.03***	***3.50***	***1.87***
Onsite		**Winter**					
	Off-Road Equipment	0.03	0.23	0.27	0.01	0.01	0.01
	Dust From Material Movement	0.00	0.00	0.00	0.00	0.05	0.03
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.03**	**0.23**	**0.27**	**0.01**	**0.06**	**0.04**
Offsite							
	Worker	0.01	0.01	0.01	0.00	0.01	0.01
	Vendor	0.01	0.01	0.01	0.01	0.01	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.02**	**0.02**	**0.01**	**0.01**	**0.01**
TOTAL		***0.04***	***0.25***	***0.29***	***0.01***	***0.07***	***0.05***
Onsite							
	Off-Road Equipment	1.35	11.80	13.90	0.02	0.52	0.47
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.76	1.34
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.35**	**11.80**	**13.90**	**0.02**	**3.28**	**1.81**
Offsite							
	Worker	0.03	0.03	0.56	0.00	0.13	0.03
	Vendor	0.01	0.31	0.15	0.01	0.09	0.03
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.04**	**0.34**	**0.71**	**0.01**	**0.22**	**0.06**
TOTAL		***1.39***	***12.14***	***14.61***	***0.03***	***3.50***	***1.87***

3.15. Phase 3 Building Construction (2028)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	0.93	7.89	9.88	0.02	0.23	0.21
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.93**	**7.89**	**9.88**	**0.02**	**0.23**	**0.21**
Offsite							
	Worker	0.04	0.04	0.63	0.00	0.15	0.03
	Vendor	0.01	0.14	0.07	0.01	0.04	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.05**	**0.18**	**0.70**	**0.01**	**0.19**	**0.04**
TOTAL		***0.98***	***8.07***	***10.58***	***0.03***	***0.42***	***0.25***
Onsite		**Winter**					
	Off-Road Equipment	0.93	7.89	9.88	0.02	0.23	0.21
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.93**	**7.89**	**9.88**	**0.02**	**0.23**	**0.21**
Offsite							
	Worker	0.04	0.04	0.53	0.00	0.15	0.03
	Vendor	0.01	0.14	0.07	0.01	0.04	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.05**	**0.18**	**0.60**	**0.01**	**0.19**	**0.04**
TOTAL		***0.98***	***8.07***	***10.48***	***0.03***	***0.42***	***0.25***
Onsite							
	Off-Road Equipment	0.93	7.89	9.88	0.02	0.23	0.21
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.93**	**7.89**	**9.88**	**0.02**	**0.23**	**0.21**
Offsite							
	Worker	0.04	0.04	0.63	0.00	0.15	0.03
	Vendor	0.01	0.14	0.07	0.01	0.04	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.05**	**0.18**	**0.70**	**0.01**	**0.19**	**0.04**
TOTAL		***0.98***	***8.07***	***10.58***	***0.03***	***0.42***	***0.25***

3.17. Phase 3 Building Construction (2029)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	0.89	7.62	9.82	0.02	0.21	0.19
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.89**	**7.62**	**9.82**	**0.02**	**0.21**	**0.19**
Offsite							
	Worker	0.04	0.03	0.59	0.00	0.15	0.03
	Vendor	0.01	0.13	0.06	0.01	0.04	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.05**	**0.16**	**0.65**	**0.01**	**0.19**	**0.04**
TOTAL		***0.94***	***7.78***	***10.47***	***0.03***	***0.40***	***0.23***
Onsite		**Winter**					
	Off-Road Equipment	0.89	7.62	9.82	0.02	0.21	0.19
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.89**	**7.62**	**9.82**	**0.02**	**0.21**	**0.19**
Offsite							
	Worker	0.04	0.04	0.50	0.00	0.15	0.03
	Vendor	0.01	0.14	0.06	0.01	0.04	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.05**	**0.18**	**0.56**	**0.01**	**0.19**	**0.04**
TOTAL		***0.94***	***7.80***	***10.38***	***0.03***	***0.40***	***0.23***
Onsite							
	Off-Road Equipment	0.89	7.62	9.82	0.02	0.21	0.19
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.89**	**7.62**	**9.82**	**0.02**	**0.21**	**0.19**
Offsite							
	Worker	0.04	0.04	0.59	0.00	0.15	0.03
	Vendor	0.01	0.14	0.06	0.01	0.04	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.05**	**0.18**	**0.65**	**0.01**	**0.19**	**0.04**
TOTAL		***0.94***	***7.80***	***10.47***	***0.03***	***0.40***	***0.23***

3.19. Phase 3 Building Construction (2030)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***
Onsite		**Winter**					
	Off-Road Equipment	0.87	7.48	9.79	0.02	0.20	0.18
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.87**	**7.48**	**9.79**	**0.02**	**0.20**	**0.18**
Offsite							
	Worker	0.03	0.03	0.46	0.00	0.15	0.03
	Vendor	0.01	0.13	0.06	0.01	0.04	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.04**	**0.16**	**0.52**	**0.01**	**0.19**	**0.04**
TOTAL		***0.91***	***7.64***	***10.31***	***0.03***	***0.39***	***0.22***
Onsite							
	Off-Road Equipment	0.87	7.48	9.79	0.02	0.20	0.18
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.87**	**7.48**	**9.79**	**0.02**	**0.20**	**0.18**
Offsite							
	Worker	0.03	0.03	0.46	0.00	0.15	0.03
	Vendor	0.01	0.13	0.06	0.01	0.04	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.04**	**0.16**	**0.52**	**0.01**	**0.19**	**0.04**
TOTAL		***0.91***	***7.64***	***10.31***	***0.03***	***0.39***	***0.22***

3.21. Phase 3 Paving (2030)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Paving	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***
Onsite		**Winter**					
	Off-Road Equipment	0.30	2.67	4.82	0.01	0.07	0.07
	Paving	0.08	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.38**	**2.67**	**4.82**	**0.01**	**0.07**	**0.07**
Offsite							
	Worker	0.02	0.02	0.31	0.00	0.10	0.02
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.02**	**0.02**	**0.31**	**0.00**	**0.10**	**0.02**
TOTAL		***0.40***	***2.69***	***5.13***	***0.01***	***0.17***	***0.09***
Onsite							
	Off-Road Equipment	0.30	2.67	4.82	0.01	0.07	0.07
	Paving	0.08	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.38**	**2.67**	**4.82**	**0.01**	**0.07**	**0.07**
Offsite							
	Worker	0.02	0.02	0.31	0.00	0.10	0.02
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.02**	**0.02**	**0.31**	**0.00**	**0.10**	**0.02**
TOTAL		***0.40***	***2.69***	***5.13***	***0.01***	***0.17***	***0.09***

3.23. Phase 3 Architectural Coating (2030)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Architectural Coatings	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***
Onsite		**Winter**					
	Off-Road Equipment	0.10	0.78	1.11	0.01	0.01	0.01
	Architectural Coatings	6.65	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**6.75**	**0.78**	**1.11**	**0.01**	**0.01**	**0.01**
Offsite							
	Worker	0.01	0.01	0.09	0.00	0.03	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.09**	**0.00**	**0.03**	**0.01**
TOTAL		***6.76***	***0.79***	***1.20***	***0.01***	***0.04***	***0.02***
Onsite							
	Off-Road Equipment	0.10	0.78	1.11	0.01	0.01	0.01
	Architectural Coatings	6.65	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**6.75**	**0.78**	**1.11**	**0.01**	**0.01**	**0.01**
Offsite							
	Worker	0.01	0.01	0.09	0.00	0.03	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.09**	**0.00**	**0.03**	**0.01**
TOTAL		***6.76***	***0.79***	***1.20***	***0.01***	***0.04***	***0.02***

3.25. Phase 3 Utilities Trenching (2028)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	0.09	0.81	1.02	0.01	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.09**	**0.81**	**1.02**	**0.01**	**0.02**	**0.02**
Offsite							
	Worker	0.01	0.01	0.14	0.00	0.03	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.14**	**0.00**	**0.03**	**0.01**
TOTAL		***0.10***	***0.82***	***1.16***	***0.01***	***0.05***	***0.03***
Onsite		**Winter**					
	Off-Road Equipment	0.01	0.01	0.01	0.01	0.01	0.01
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**
Offsite							
	Worker	0.01	0.01	0.01	0.00	0.01	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.01**	**0.00**	**0.01**	**0.01**
TOTAL		***0.01***	***0.02***	***0.02***	***0.01***	***0.01***	***0.01***
Onsite							
	Off-Road Equipment	0.09	0.81	1.02	0.01	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.09**	**0.81**	**1.02**	**0.01**	**0.02**	**0.02**
Offsite							
	Worker	0.01	0.01	0.14	0.00	0.03	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.14**	**0.00**	**0.03**	**0.01**
TOTAL		***0.10***	***0.82***	***1.16***	***0.01***	***0.05***	***0.03***

3.25. Phase 3 Finishing/Landscaping (2030)

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		**Summer**					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***
Onsite		**Winter**					
	Off-Road Equipment	0.08	0.80	1.01	0.01	0.02	0.01
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.08**	**0.80**	**1.01**	**0.01**	**0.02**	**0.01**
Offsite							
	Worker	0.01	0.01	0.10	0.00	0.03	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.10**	**0.00**	**0.03**	**0.01**
TOTAL		***0.09***	***0.81***	***1.11***	***0.01***	***0.05***	***0.02***
Onsite							
	Off-Road Equipment	0.08	0.80	1.01	0.01	0.02	0.01
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.08**	**0.80**	**1.01**	**0.01**	**0.02**	**0.01**
Offsite							
	Worker	0.01	0.01	0.10	0.00	0.03	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.10**	**0.00**	**0.03**	**0.01**
TOTAL		***0.09***	***0.81***	***1.11***	***0.01***	***0.05***	***0.02***

Phase 1 Construction

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Phase 1 Building and Asphalt Demolition and Debris Haul	*1*	*6*	*8*	*0*	*1*	*0*
Phase 1 Building and Asphalt Demolition and Debris Haul, Site Preparation	*1*	*12*	*18*	*0*	*2*	*1*
Phase 1 Site Preparation	*1*	*7*	*10*	*0*	*1*	*0*
Phase 1 Site Preparation and Rough Grading	*3*	*24*	*27*	*0*	*4*	*3*
Phase 1 Rough Grading	*2*	*18*	*17*	*0*	*4*	*2*
Phase 1 Fine Grading	*2*	*18*	*17*	*0*	*4*	*2*
Phase 1 Fine Grading and Utilities Trenching	*2*	*19*	*19*	*0*	*4*	*2*
Phase 1 Utilities Trenching	*0*	*1*	*1*	*0*	*0*	*0*
Phase 1 Utilities Trenching and Building Construction (2023)	*1*	*11*	*12*	*0*	*1*	*0*
Phase 1 Building Construction (2023)	*1*	*10*	*11*	*0*	*1*	*0*
Phase 1 Building Construction (2024)	*1*	*10*	*11*	*0*	*1*	*0*
Phase 1 Building Construction (2024), Paving, and Architectural Coating	*10*	*15*	*17*	*0*	*1*	*1*
Phase 1 Building Construction (2024), Paving, Architectural Coating, and Finishing/Landscaping	*10*	*15*	*18*	*0*	*1*	*1*

Phase 2 Construction

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Phase 2 Building and Asphalt Demolition and Debris Haul	*1*	*6*	*10*	*0*	*1*	*0*
Phase 2 Building and Asphalt Demolition and Debris Haul, Site Preparation	*1*	*12*	*20*	*0*	*1*	*1*
Phase 2 Site Preparation	*1*	*6*	*10*	*0*	*0*	*0*
Phase 2 Site Preparation and Rough Grading	*2*	*20*	*25*	*0*	*4*	*2*
Phase 2 Rough Grading	*2*	*15*	*15*	*0*	*3*	*2*
Phase 2 Fine Grading	*2*	*15*	*15*	*0*	*3*	*2*
Phase 2 Fine Grading and Utilities Trenching	*2*	*15*	*17*	*0*	*3*	*2*
Phase 2 Utilities Trenching	*0*	*1*	*1*	*0*	*0*	*0*
Phase 2 Utilities Trenching and Building Construction (2025)	*1*	*11*	*13*	*0*	*0*	*0*
Phase 2 Building Construction (2025)	*1*	*11*	*12*	*0*	*0*	*0*
Phase 2 Building Construction (2026)	*1*	*10*	*12*	*0*	*0*	*0*
Phase 2 Building Construction (2026), Paving, and Architectural Coating	*4*	*14*	*18*	*0*	*1*	*0*
Phase 2 Building Construction (2026), Paving, Architectural Coating, and Finishing/Landscaping	*4*	*15*	*19*	*0*	*1*	*0*

Phase 3 Construction

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Phase 3 Building and Asphalt Demolition and Debris Haul	*1*	*5*	*10*	*0*	*1*	*0*
Phase 3 Building and Asphalt Demolition and Debris Haul, Site Preparation	*1*	*10*	*19*	*0*	*2*	*1*
Phase 3 Site Preparation	*1*	*5*	*10*	*0*	*0*	*0*
Phase 3 Site Preparation and Rough Grading	*2*	*17*	*24*	*0*	*4*	*2*
Phase 3 Rough Grading	*1*	*12*	*15*	*0*	*4*	*2*
Phase 3 Fine Grading	*1*	*12*	*15*	*0*	*4*	*2*
Phase 3 Fine Grading and Utilities Trenching	*1*	*13*	*16*	*0*	*4*	*2*
Phase 3 Utilities Trenching	*0*	*1*	*1*	*0*	*0*	*0*
Phase 3 Utilities Trenching and Building Construction (2028)	*1*	*9*	*12*	*0*	*0*	*0*
Phase 3 Building Construction (2028)	*1*	*8*	*11*	*0*	*0*	*0*
Phase 3 Building Construction (2029)	*1*	*8*	*10*	*0*	*0*	*0*
Phase 3 Building Construction (2030)	*1*	*8*	*10*	*0*	*0*	*0*
Phase 3 Building Construction (2030), Paving, and Architectural Coating	*8*	*11*	*17*	*0*	*1*	*0*
Phase 3 Building Construction (2030), Paving, Architectural Coating, and Finishing/Landscaping	*8*	*12*	*18*	*0*	*1*	*0*

MAX DAILY	**10**	**24**	**27**	**0**	**4**	**3**
Regional Thresholds	**75**	**100**	**550**	**150**	**150**	**55**
Exceeds Thresholds?	No	No	No	No	No	No

Construction LST Worksheet:

Phase 1					
3.1. Phase 1 Building Demolition (2023)					
		NOx	CO	PM10 Total	PM2.5Total
Onsite					
	Off-Road Equipment	4.88	7.03	0.23	0.21
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**4.88**	**7.03**	**0.23**	**0.21**
TOTAL		***4.88***	***7.03***	***0.23***	***0.21***
Onsite					
	Off-Road Equipment	0.45	0.66	0.02	0.02
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.45**	**0.66**	**0.02**	**0.02**
TOTAL		***0.45***	***0.66***	***0.02***	***0.02***
Onsite					
	Off-Road	4.88	7.03	0.23	0.21
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**4.88**	**7.03**	**0.23**	**0.21**
TOTAL		***4.88***	***7.03***	***0.23***	***0.21***
3.3. Building Demolition Debris Hauling (2023)					
		NOx	CO	PM10 Total	PM2.5Total
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.21	0.03
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.21**	**0.03**
TOTAL		***0.00***	***0.00***	***0.21***	***0.03***
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.02	0.01
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.02**	**0.01**
TOTAL		***0.00***	***0.00***	***0.02***	***0.01***
Onsite					
	Off-Road	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.21	0.03
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.21**	**0.03**
TOTAL		***0.00***	***0.00***	***0.21***	***0.03***

3.5. Phase 1 Asphalt Demolition (2023)

		NOx	CO	PM10 Total	PM2.5Total
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***
Onsite					
	Off-Road	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***

3.7. Phase 1 Asphalt Demolition Debris Haul (2023)

		NOx	CO	PM10 Total	PM2.5Total
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.21	0.03
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.21**	**0.03**
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.21***	***0.03***
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.02	0.01
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.02**	**0.01**
TOTAL		***0.00***	***0.00***	***0.02***	***0.01***
Onsite					
	Off-Road	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.21	0.03
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.21**	**0.03**
TOTAL		***0.00***	***0.00***	***0.21***	***0.03***

3.9. Phase 1 Site Preparation (2023)

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	6.03	8.67	0.29	0.27
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**6.03**	**8.67**	**0.29**	**0.27**
TOTAL		***6.03***	***8.67***	***0.29***	***0.27***
Onsite					
	Off-Road Equipment	0.07	0.10	0.01	0.01
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.07**	**0.10**	**0.01**	**0.01**
TOTAL		***0.07***	***0.10***	***0.01***	***0.01***
Onsite					
	Off-Road	6.03	8.67	0.29	0.27
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**6.03**	**8.67**	**0.29**	**0.27**
Offsite					
	Hauling	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00
	Worker	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***6.03***	***8.67***	***0.29***	***0.27***

3.11. Phase 1 Rough Grading (2023)

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	17.50	16.30	0.83	0.77
	Dust From Material Movement	0.00	0.00	2.76	1.34
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**17.50**	**16.30**	**3.59**	**2.11**
TOTAL		***17.50***	***16.30***	***3.59***	***2.11***
Onsite					
	Off-Road Equipment	0.34	0.31	0.02	0.01
	Dust From Material Movement	0.00	0.00	0.05	0.03
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.34**	**0.31**	**0.07**	**0.04**
TOTAL		***0.34***	***0.31***	***0.07***	***0.04***
Onsite					
	Off-Road Equipment	17.50	16.30	0.83	0.77
	Dust From Material Movement	0.00	0.00	2.76	1.34
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**17.50**	**16.30**	**3.59**	**2.11**
TOTAL		***17.50***	***16.30***	***3.59***	***2.11***

3.13. Phase 1 Fine Grading (2023)

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	17.50	16.30	0.83	0.77
	Dust From Material Movement	0.00	0.00	2.76	1.34
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**17.50**	**16.30**	**3.59**	**2.11**
TOTAL		***17.50***	***16.30***	***3.59***	***2.11***
Onsite					
	Off-Road Equipment	0.29	0.27	0.01	0.01
	Dust From Material Movement	0.00	0.00	0.05	0.02
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.29**	**0.27**	**0.06**	**0.03**
TOTAL		***0.29***	***0.27***	***0.06***	***0.03***
Onsite					
	Off-Road Equipment	17.50	16.30	0.83	0.77
	Dust From Material Movement	0.00	0.00	2.76	1.34
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**17.50**	**16.30**	**3.59**	**2.11**
Offsite					
	Worker	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***17.50***	***16.30***	***3.59***	***2.11***

3.15. Phase 1 Building Construction (2023)

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	9.81	10.20	0.41	0.38
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**9.81**	**10.20**	**0.41**	**0.38**
TOTAL		***9.81***	***10.20***	***0.41***	***0.38***
Onsite					
	Off-Road Equipment	9.81	10.20	0.41	0.38
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**9.81**	**10.20**	**0.41**	**0.38**
TOTAL		***9.81***	***10.20***	***0.41***	***0.38***
Onsite					
	Off-Road Equipment	9.81	10.20	0.41	0.38
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**9.81**	**10.20**	**0.41**	**0.38**
Offsite					
	Worker	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***9.81***	***10.20***	***0.41***	***0.38***

3.17. Phase 1 Building Construction (2024)

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	9.44	10.10	0.37	0.34
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**9.44**	**10.10**	**0.37**	**0.34**
TOTAL		***9.44***	***10.10***	***0.37***	***0.34***
Onsite					
	Off-Road Equipment	9.44	10.10	0.37	0.34
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**9.44**	**10.10**	**0.37**	**0.34**
TOTAL		***9.44***	***10.10***	***0.37***	***0.34***
Onsite					
	Off-Road Equipment	9.44	10.10	0.37	0.34
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**9.44**	**10.10**	**0.37**	**0.34**
TOTAL		***9.44***	***10.10***	***0.37***	***0.34***

3.19. Phase 1 Paving (2024)

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***
Onsite					
	Off-Road Equipment	3.32	4.84	0.15	0.14
	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**3.32**	**4.84**	**0.15**	**0.14**
TOTAL		***3.32***	***4.84***	***0.15***	***0.14***
Onsite					
	Off-Road Equipment	3.32	4.84	0.15	0.14
	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**3.32**	**4.84**	**0.15**	**0.14**
TOTAL		***3.32***	***4.84***	***0.15***	***0.14***

3.21. Phase 1 Architectural Coating (2024)

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Architectural Coatings	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***
Onsite					
	Off-Road Equipment	1.60	1.05	0.07	0.06
	Architectural Coatings	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**1.60**	**1.05**	**0.07**	**0.06**
TOTAL		***1.60***	***1.05***	***0.07***	***0.06***
Onsite					
	Off-Road Equipment	1.60	1.05	0.07	0.06
	Architectural Coatings	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**1.60**	**1.05**	**0.07**	**0.06**
TOTAL		***1.60***	***1.05***	***0.07***	***0.06***

3.23. Phase 1 Utilities Trenching (2023)

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	0.87	1.02	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.87**	**1.02**	**0.03**	**0.03**
TOTAL		***0.87***	***1.02***	***0.03***	***0.03***
Onsite					
	Off-Road Equipment	0.01	0.01	0.01	0.01
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.01**	**0.01**
TOTAL		***0.01***	***0.01***	***0.01***	***0.01***
Onsite					
	Off-Road Equipment	0.87	1.02	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.87**	**1.02**	**0.03**	**0.03**
TOTAL		***0.87***	***1.02***	***0.03***	***0.03***

3.25. Phase 1 Finishing/Landscaping (2024)

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***
Onsite					
	Off-Road Equipment	0.84	1.01	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.84**	**1.01**	**0.03**	**0.03**
TOTAL		***0.84***	***1.01***	***0.03***	***0.03***
Onsite					
	Off-Road Equipment	0.84	1.01	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.84**	**1.01**	**0.03**	**0.03**
TOTAL		***0.84***	***1.01***	***0.03***	***0.03***

Phase 2

3.2. Phase 2 Building Demolition (2025)

		NOx	CO	PM10 Total	PM2.5Total
Onsite					
	Off-Road Equipment	5.61	8.82	0.23	0.21
	Demolition			0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**5.61**	**8.82**	**0.23**	**0.21**
TOTAL		***5.61***	***8.82***	***0.23***	***0.21***
Onsite					
	Off-Road Equipment	0.46	0.73	0.02	0.02
	Demolition			0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.46**	**0.73**	**0.02**	**0.02**
TOTAL		***0.46***	***0.73***	***0.02***	***0.02***
Onsite					
	Off-Road	5.61	8.82	0.23	0.21
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**5.61**	**8.82**	**0.23**	**0.21**
TOTAL		***5.61***	***8.82***	***0.23***	***0.21***

3.3. Building Demolition Debris Hauling (2025)					
		NOx	CO	PM10 Total	PM2.5Total
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Demolition			0.01	0.01
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.01**	**0.01**
TOTAL		***0.00***	***0.00***	***0.01***	***0.01***
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Demolition			0.01	0.01
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.01**	**0.01**
TOTAL		***0.00***	***0.00***	***0.01***	***0.01***
Onsite					
	Off-Road	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.01	0.01
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.01**	**0.01**
TOTAL		***0.00***	***0.00***	***0.01***	***0.01***

3.5. Phase 2 Asphalt Demolition (2025)					
		NOx	CO	PM10 Total	PM2.5Total
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***
Onsite					
	Off-Road	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***

3.7. Phase 2 Asphalt Demolition Debris Haul (2025)

		NOx	CO	PM10 Total	PM2.5Total
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Demolition			0.50	0.08
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.50**	**0.08**
TOTAL		***0.00***	***0.00***	***0.50***	***0.08***
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Demolition			0.04	0.01
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.04**	**0.01**
TOTAL		***0.00***	***0.00***	***0.04***	***0.01***
Onsite					
	Off-Road	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.50	0.08
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.50**	**0.08**
TOTAL		***0.00***	***0.00***	***0.50***	***0.08***

3.9. Phase 2 Site Preparation (2025)

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	5.29	8.63	0.21	0.19
	Demolition			0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**5.29**	**8.63**	**0.21**	**0.19**
TOTAL		***5.29***	***8.63***	***0.21***	***0.19***
Onsite					
	Off-Road Equipment	0.07	0.12	0.01	0.01
	Demolition			0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.07**	**0.12**	**0.01**	**0.01**
TOTAL		***0.07***	***0.12***	***0.01***	***0.01***
Onsite					
	Off-Road	5.29	8.63	0.21	0.19
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**5.29**	**8.63**	**0.21**	**0.19**
TOTAL		***5.29***	***8.63***	***0.21***	***0.19***

3.11. Phase 2 Rough Grading (2025)

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	14.10	14.50	0.64	0.59
	Onsite truck			2.76	1.34
	Total	**14.10**	**14.50**	**3.40**	**1.93**
TOTAL		***14.10***	***14.50***	***3.40***	***1.93***
Onsite					
	Off-Road Equipment	0.35	0.36	0.02	0.01
	Onsite truck			0.07	0.03
	Total	**0.35**	**0.36**	**0.09**	**0.04**
TOTAL		***0.35***	***0.36***	***0.09***	***0.04***
Onsite					
	Off-Road Equipment	14.10	14.50	0.64	0.59
	Onsite truck	0.00	0.00	2.76	1.34
	Total	**14.10**	**14.50**	**3.40**	**1.93**
TOTAL		***14.10***	***14.50***	***3.40***	***1.93***

3.13. Phase 2 Fine Grading (2025)					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	14.10	14.50	0.64	0.59
	Onsite truck			2.76	1.34
	Total	**14.10**	**14.50**	**3.40**	**1.93**
TOTAL		***14.10***	***14.50***	***3.40***	***1.93***
Onsite					
	Off-Road Equipment	0.31	0.32	0.01	0.01
	Onsite truck			0.06	0.03
	Total	**0.31**	**0.32**	**0.07**	**0.04**
TOTAL		***0.31***	***0.32***	***0.07***	***0.04***
Onsite					
	Off-Road Equipment	14.10	14.50	0.64	0.59
	Onsite truck	0.00	0.00	2.76	1.34
	Total	**14.10**	**14.50**	**3.40**	**1.93**
TOTAL		***14.10***	***14.50***	***3.40***	***1.93***

3.15. Phase 2 Building Construction (2025)					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	10.60	11.90	0.40	0.37
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**10.60**	**11.90**	**0.40**	**0.37**
TOTAL		***10.60***	***11.90***	***0.40***	***0.37***
Onsite					
	Off-Road Equipment	10.60	11.90	0.40	0.37
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**10.60**	**11.90**	**0.40**	**0.37**
TOTAL		***10.60***	***11.90***	***0.40***	***0.37***
Onsite					
	Off-Road Equipment	10.60	11.90	0.40	0.37
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**10.60**	**11.90**	**0.40**	**0.37**
TOTAL		***10.60***	***11.90***	***0.40***	***0.37***

3.17. Phase 2 Building Construction (2026)					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	10.10	11.80	0.36	0.33
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**10.10**	**11.80**	**0.36**	**0.33**
TOTAL		***10.10***	***11.80***	***0.36***	***0.33***
Onsite					
	Off-Road Equipment	10.10	11.80	0.36	0.33
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**10.10**	**11.80**	**0.36**	**0.33**
TOTAL		***10.10***	***11.80***	***0.36***	***0.33***
Onsite					
	Off-Road Equipment	10.10	11.80	0.36	0.33
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**10.10**	**11.80**	**0.36**	**0.33**
TOTAL		***10.10***	***11.80***	***0.36***	***0.33***

3.19. Phase 2 Paving (2026)

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***
Onsite					
	Off-Road Equipment	2.94	4.80	0.11	0.10
	Paving				
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**2.94**	**4.80**	**0.11**	**0.10**
TOTAL		***2.94***	***4.80***	***0.11***	***0.10***
Onsite					
	Off-Road Equipment	2.94	4.80	0.11	0.10
	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**2.94**	**4.80**	**0.11**	**0.10**
TOTAL		***2.94***	***4.80***	***0.11***	***0.10***

3.21. Phase 2 Architectural Coating (2026)

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Architectural Coatings	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***
Onsite					
	Off-Road Equipment	0.86	1.13	0.02	0.02
	Architectural Coatings				
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.86**	**1.13**	**0.02**	**0.02**
TOTAL		***0.86***	***1.13***	***0.02***	***0.02***
Onsite					
	Off-Road Equipment	0.86	1.13	0.02	0.02
	Architectural Coatings	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.86**	**1.13**	**0.02**	**0.02**
TOTAL		***0.86***	***1.13***	***0.02***	***0.02***

3.23. Phase 2 Utilities Trenching (2025)

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	0.83	1.02	0.03	0.02
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.83**	**1.02**	**0.03**	**0.02**
TOTAL		***0.83***	***1.02***	***0.03***	***0.02***
Onsite					
	Off-Road Equipment	0.01	0.01	0.01	0.01
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.01**	**0.01**
TOTAL		***0.01***	***0.01***	***0.01***	***0.01***
Onsite					
	Off-Road Equipment	0.83	1.02	0.03	0.02
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.83**	**1.02**	**0.03**	**0.02**
TOTAL		***0.83***	***1.02***	***0.03***	***0.02***

3.25. Phase 2 Finishing/Landscaping (2026)					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***
Onsite					
	Off-Road Equipment	0.82	1.02	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.82**	**1.02**	**0.02**	**0.02**
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.82***	***1.02***	***0.02***	***0.02***
Onsite					
	Off-Road Equipment	0.82	1.02	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.82**	**1.02**	**0.02**	**0.02**
TOTAL		***0.82***	***1.02***	***0.02***	***0.02***

Phase 3

3.1. Phase 3 Building Demolition (2028)					
		NOx	CO	PM10 Total	PM2.5Total
Onsite					
	Off-Road Equipment	4.86	8.83	0.14	0.13
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**4.86**	**8.83**	**0.14**	**0.13**
TOTAL		***4.86***	***8.83***	***0.14***	***0.13***
Onsite					
	Off-Road Equipment	0.52	0.94	0.02	0.01
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.52**	**0.94**	**0.02**	**0.01**
TOTAL		***0.52***	***0.94***	***0.02***	***0.01***
Onsite					
	Off-Road	4.86	8.83	0.14	0.13
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**4.86**	**8.83**	**0.14**	**0.13**
TOTAL		***4.86***	***8.83***	***0.14***	***0.13***

3.3. Building Demolition Debris Hauling (2028)

		NOx	CO	PM10 Total	PM2.5Total
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.59	0.09
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.59**	**0.09**
TOTAL		***0.00***	***0.00***	***0.59***	***0.09***
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.06	0.01
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.06**	**0.01**
TOTAL		***0.00***	***0.00***	***0.06***	***0.01***
Onsite					
	Off-Road	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.59	0.09
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.59**	**0.09**
TOTAL		***0.00***	***0.00***	***0.59***	***0.09***

3.5. Phase 3 Asphalt Demolition (2028)

		NOx	CO	PM10 Total	PM2.5Total
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***
Onsite					
	Off-Road	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***

3.7. Phase 3 Asphalt Demolition Debris Haul (2028)

		NOx	CO	PM10 Total	PM2.5Total
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.15	0.02
	Onsite truck	0.00	0.00	0.00	0.00
TOTAL		***0.00***	***0.00***	***0.15***	***0.02***
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.02	0.01
	Onsite truck	0.00	0.00	0.00	0.00
TOTAL		***0.00***	***0.00***	***0.02***	***0.01***
Onsite					
	Off-Road	0.00	0.00	0.00	0.00
	Demolition	0.00	0.00	0.15	0.02
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.15**	**0.02**
TOTAL		***0.00***	***0.00***	***0.15***	***0.02***

3.9. Phase 3 Site Preparation (2028)					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	4.68	8.65	0.14	0.13
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**4.68**	**8.65**	**0.14**	**0.13**
TOTAL		***4.68***	***8.65***	***0.14***	***0.13***
Onsite					
	Off-Road Equipment	0.05	0.09	0.01	0.01
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.05**	**0.09**	**0.01**	**0.01**
TOTAL		***0.05***	***0.09***	***0.01***	***0.01***
Onsite					
	Off-Road	4.68	8.65	0.14	0.13
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**4.68**	**8.65**	**0.14**	**0.13**
TOTAL		***4.68***	***8.65***	***0.14***	***0.13***

3.11. Phase 3 Rough Grading (2028)					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	11.80	13.90	0.52	0.47
	Dust From Material Movement	0.00	0.00	2.76	1.34
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**11.80**	**13.90**	**3.28**	**1.81**
TOTAL		***11.80***	***13.90***	***3.28***	***1.81***
Onsite					
	Off-Road Equipment	0.26	0.30	0.01	0.01
	Dust From Material Movement	0.00	0.00	0.06	0.03
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.26**	**0.30**	**0.07**	**0.04**
TOTAL		***0.26***	***0.30***	***0.07***	***0.04***
Onsite					
	Off-Road Equipment	11.80	13.90	0.52	0.47
	Dust From Material Movement	0.00	0.00	2.76	1.34
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**11.80**	**13.90**	**3.28**	**1.81**
TOTAL		***11.80***	***13.90***	***3.28***	***1.81***

3.13. Phase 3 Fine Grading (2028)					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	11.80	13.90	0.52	0.47
	Dust From Material Movement	0.00	0.00	2.76	1.34
	Onsite truck	0.00	0.00	0.00	0.00
TOTAL		***11.80***	***13.90***	***3.28***	***1.81***
Onsite					
	Off-Road Equipment	0.23	0.27	0.01	0.01
	Dust From Material Movement	0.00	0.00	0.05	0.03
	Onsite truck	0.00	0.00	0.00	0.00
TOTAL		***0.23***	***0.27***	***0.06***	***0.04***
Onsite					
	Off-Road Equipment	11.80	13.90	0.52	0.47
	Dust From Material Movement	0.00	0.00	2.76	1.34
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**11.80**	**13.90**	**3.28**	**1.81**
TOTAL		***11.80***	***13.90***	***3.28***	***1.81***

3.15. Phase 3 Building Construction (2028)					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	7.89	9.88	0.23	0.21
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**7.89**	**9.88**	**0.23**	**0.21**
TOTAL		***7.89***	***9.88***	***0.23***	***0.21***
Onsite					
	Off-Road Equipment	7.89	9.88	0.23	0.21
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**7.89**	**9.88**	**0.23**	**0.21**
TOTAL		***7.89***	***9.88***	***0.23***	***0.21***
Onsite					
	Off-Road Equipment	7.89	9.88	0.23	0.21
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**7.89**	**9.88**	**0.23**	**0.21**
TOTAL		***7.89***	***9.88***	***0.23***	***0.21***

3.17. Phase 3 Building Construction (2029)					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	7.62	9.82	0.21	0.19
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**7.62**	**9.82**	**0.21**	**0.19**
TOTAL		***7.62***	***9.82***	***0.21***	***0.19***
Onsite					
	Off-Road Equipment	7.62	9.82	0.21	0.19
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**7.62**	**9.82**	**0.21**	**0.19**
TOTAL		***7.62***	***9.82***	***0.21***	***0.19***
Onsite					
	Off-Road Equipment	7.62	9.82	0.21	0.19
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**7.62**	**9.82**	**0.21**	**0.19**
TOTAL		***7.62***	***9.82***	***0.21***	***0.19***

3.19. Phase 3 Building Construction (2030)					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***
Onsite					
	Off-Road Equipment	7.48	9.79	0.20	0.18
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**7.48**	**9.79**	**0.20**	**0.18**
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***7.48***	***9.79***	***0.20***	***0.18***
Onsite					
	Off-Road Equipment	7.48	9.79	0.20	0.18
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**7.48**	**9.79**	**0.20**	**0.18**
TOTAL		***7.48***	***9.79***	***0.20***	***0.18***

3.21. Phase 3 Paving (2030)

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***
Onsite					
	Off-Road Equipment	2.67	4.82	0.07	0.07
	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**2.67**	**4.82**	**0.07**	**0.07**
TOTAL		***2.67***	***4.82***	***0.07***	***0.07***
Onsite					
	Off-Road Equipment	2.67	4.82	0.07	0.07
	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**2.67**	**4.82**	**0.07**	**0.07**
TOTAL		***2.67***	***4.82***	***0.07***	***0.07***

3.23. Phase 3 Architectural Coating (2030)

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Architectural Coatings	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL		***0.00***	***0.00***	***0.00***	***0.00***
Onsite					
	Off-Road Equipment	0.78	1.11	0.01	0.01
	Architectural Coatings	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.78**	**1.11**	**0.01**	**0.01**
TOTAL		***0.78***	***1.11***	***0.01***	***0.01***
Onsite					
	Off-Road Equipment	0.78	1.11	0.01	0.01
	Architectural Coatings	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.78**	**1.11**	**0.01**	**0.01**
TOTAL		***0.78***	***1.11***	***0.01***	***0.01***

3.25. Phase 3 Utilities Trenching (2028)

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	0.81	1.02	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.81**	**1.02**	**0.02**	**0.02**
TOTAL		***0.81***	***1.02***	***0.02***	***0.02***
Onsite					
	Off-Road Equipment	0.01	0.01	0.01	0.01
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.01**	**0.01**	**0.01**
TOTAL		***0.01***	***0.01***	***0.01***	***0.01***
Onsite					
	Off-Road Equipment	0.81	1.02	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00
	Total	**0.81**	**1.02**	**0.02**	**0.02**
TOTAL		***0.81***	***1.02***	***0.02***	***0.02***

3.25. Phase 3 Finishing/Landscaping (2030)				
	NOx	CO	PM10 Total	PM2.5 Total
Onsite				
Off-Road Equipment	0.00	0.00	0.00	0.00
Onsite truck	0.00	0.00	0.00	0.00
Total	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL	***0.00***	***0.00***	***0.00***	***0.00***
Onsite				
Off-Road Equipment	0.80	1.01	0.02	0.01
Onsite truck	0.00	0.00	0.00	0.00
Total	**0.80**	**1.01**	**0.02**	**0.01**
TOTAL	***0.80***	***1.01***	***0.02***	***0.01***
Onsite				
Off-Road Equipment	0.80	1.01	0.02	0.01
Onsite truck	0.00	0.00	0.00	0.00
Total	**0.80**	**1.01**	**0.02**	**0.01**
TOTAL	***0.80***	***1.01***	***0.02***	***0.01***

Phase 1 Construction

	NOx	CO	PM10 Total	PM2.5 Total
Phase 1 Building and Asphalt Demolition and Debris Haul	***4.88***	***7.03***	***0.65***	***0.27***
1.50 Acre LST	***125***	***694***	***5.00***	***3.50***
Exceeds LST?	***no***	***no***	***no***	***no***
Phase 1 Building and Asphalt Demolition and Debris Haul, Site Preparation	***10.91***	***15.70***	***0.94***	***0.54***
1.97 Acre LST	***146***	***819***	***5.94***	***3.97***
Exceeds LST?	***no***	***no***	***no***	***no***
Phase 1 Site Preparation	***6.03***	***8.67***	***0.29***	***0.27***
1.97 Acre LST	***146***	***819***	***5.94***	***3.97***
Exceeds LST?	***no***	***no***	***no***	***no***
Phase 1 Site Preparation and Rough Grading	***23.53***	***24.97***	***3.88***	***2.38***
1.97 Acre LST	***146***	***819***	***5.94***	***3.97***
Exceeds LST?	***no***	***no***	***no***	***no***
Phase 1 Rough Grading	***17.50***	***16.30***	***3.59***	***2.11***
1.88 Acre LST	***142***	***794***	***5.75***	***3.87***
Exceeds LST?	***no***	***no***	***no***	***no***
Phase 1 Fine Grading	***17.50***	***16.30***	***3.59***	***2.11***
1.88 Acre LST	***142***	***794***	***5.75***	***3.87***
Exceeds LST?	***no***	***no***	***no***	***no***
Phase 1 Fine Grading and Utilities Trenching	***18.37***	***17.32***	***3.62***	***2.14***
1.88 Acre LST	***142***	***794***	***5.75***	***3.87***
Exceeds LST?	***no***	***no***	***no***	***no***
Phase 1 Utilities Trenching	***0.87***	***1.02***	***0.03***	***0.03***
≤1.00 Acre LST	***103***	***562***	***4***	***3***
Exceeds LST?	***no***	***no***	***no***	***no***

Phase 1 Utilities Trenching and Building Construction (2023)	*10.68*	*11.22*	*0.44*	*0.41*
≤1.00 Acre LST	*103*	*562*	*4.00*	*3.00*
Exceeds LST?	*no*	*no*	*no*	*no*
Phase 1 Building Construction (2023)	*9.81*	*10.20*	*0.41*	*0.38*
≤1.00 Acre LST	*103*	*562*	*4.00*	*3.00*
Exceeds LST?	*no*	*no*	*no*	*no*
Phase 1 Building Construction (2024)	*9.44*	*10.10*	*0.37*	*0.34*
≤1.00 Acre LST	*103*	*562*	*4.00*	*3.00*
Exceeds LST?	*no*	*no*	*no*	*no*
Phase 1 Building Construction (2024), Paving, and Architectural Coating	*14.36*	*15.99*	*0.59*	*0.54*
1.38 Acre LST	*120*	*661*	*4.75*	*3.37*
Exceeds LST?	*no*	*no*	*no*	*no*
Phase 1 Building Construction (2024), Paving, Architectural Coating, and Finishing/Landscaping	*15.20*	*17.00*	*0.62*	*0.57*
1.38 Acre LST	*120*	*661*	*4.75*	*3.37*
Exceeds LST?	*no*	*no*	*no*	*no*

Phase 2 Construction

	NOx	CO	PM10 Total	PM2.5 Total
Phase 2 Building and Asphalt Demolition and Debris Haul	*5.61*	*8.82*	*0.74*	*0.30*
1.50 Acre LST	*125*	*694*	*5.00*	*3.50*
Exceeds LST?	*no*	*no*	*no*	*no*
Phase 2 Building and Asphalt Demolition and Debris Haul, Site Preparation	*10.90*	*17.45*	*0.95*	*0.49*
2.82 Acre LST	*167*	*1019*	*7.91*	*4.55*
Exceeds LST?	*no*	*no*	*no*	*no*
Phase 2 Site Preparation	*5.29*	*8.63*	*0.21*	*0.19*
2.00 Acre LST	*147*	*827*	*6.00*	*4.00*
Exceeds LST?	*no*	*no*	*no*	*no*
Phase 2 Site Preparation and Rough Grading	*19.39*	*23.13*	*3.61*	*2.12*
2.82 Acre LST	*167*	*1019*	*7.91*	*4.55*
Exceeds LST?	*no*	*no*	*no*	*no*
Phase 2 Rough Grading	*14.10*	*14.50*	*3.40*	*1.93*
1.88 Acre LST	*142*	*794*	*5.75*	*3.87*
Exceeds LST?	*no*	*no*	*no*	*no*
Phase 2 Fine Grading	*14.10*	*14.50*	*3.40*	*1.93*
1.88 Acre LST	*142*	*794*	*5.75*	*3.87*
Exceeds LST?	*no*	*no*	*no*	*no*

Phase 2 Fine Grading and Utilities Trenching	*14.93*	*15.52*	*3.43*	*1.95*
1.88 Acre LST	*142*	*794*	*5.75*	*3.87*
Exceeds LST?	*no*	*no*	*no*	*no*
Phase 2 Utilities Trenching	*0.83*	*1.02*	*0.03*	*0.02*
≤1.00 Acre LST	*103*	*562*	*4.00*	*3.00*
Exceeds LST?	*no*	*no*	*no*	*no*
Phase 2 Utilities Trenching and Building Construction (2025)	*11.43*	*12.92*	*0.43*	*0.39*
≤1.00 Acre LST	*103*	*562*	*4.00*	*3.00*
Exceeds LST?	*no*	*no*	*no*	*no*
Phase 2 Building Construction (2025)	*10.60*	*11.90*	*0.40*	*0.37*
≤1.00 Acre LST	*103*	*562*	*4.00*	*3.00*
Exceeds LST?	*no*	*no*	*no*	*no*
Phase 2 Building Construction (2026)	*10.10*	*11.80*	*0.36*	*0.33*
≤1.00 Acre LST	*103*	*562*	*4.00*	*3.00*
Exceeds LST?	*no*	*no*	*no*	*no*
Phase 2 Building Construction (2026), Paving, and Architectural Coating	*13.90*	*17.73*	*0.49*	*0.45*
1.38 Acre LST	*120*	*661*	*4.75*	*3.37*
Exceeds LST?	*no*	*no*	*no*	*no*
Phase 2 Building Construction (2026), Paving, Architectural Coating, and Finishing/Landscaping	*14.72*	*18.75*	*0.51*	*0.47*
1.38 Acre LST	*120*	*661*	*4.75*	*3.37*
Exceeds LST?	*no*	*no*	*no*	*no*

Phase 3 Construction

	NOx	CO	PM10 Total	PM2.5 Total
Phase 3 Building and Asphalt Demolition and Debris Haul	*4.86*	*8.83*	*0.88*	*0.24*
1.35 Acre LST	*118*	*655*	*4.70*	*3.35*
Exceeds LST?	*no*	*no*	*no*	*no*
Phase 3 Building and Asphalt Demolition and Debris Haul, Site Preparation	*9.54*	*17.48*	*1.02*	*0.37*
1.35 Acre LST	*118*	*655*	*4.70*	*3.35*
Exceeds LST?	*no*	*no*	*no*	*no*
Phase 3 Site Preparation	*4.68*	*8.65*	*0.14*	*0.13*
1.35 Acre LST	*118*	*655*	*4.70*	*3.35*
Exceeds LST?	*no*	*no*	*no*	*no*
Phase 3 Site Preparation and Rough Grading	*16.48*	*22.55*	*3.42*	*1.94*
1.35 Acre LST	*118*	*655*	*4.70*	*3.35*
Exceeds LST?	*no*	*no*	*no*	*no*

Phase 3 Rough Grading		*11.80*	*13.90*	*3.28*	*1.81*
	1.35 Acre LST	*118*	*655*	*4.70*	*3.35*
	Exceeds LST?	*no*	*no*	*no*	*no*
Phase 3 Fine Grading		*11.80*	*13.90*	*3.28*	*1.81*
	1.35 Acre LST	*119*	*655*	*4.70*	*3.35*
	Exceeds LST?	*no*	*no*	*no*	*no*
Phase 3 Fine Grading and Utilities Trenching		*12.61*	*14.92*	*3.30*	*1.83*
	1.35 Acre LST	*118*	*655*	*4.70*	*3.35*
	Exceeds LST?	*no*	*no*	*no*	*no*
Phase 3 Utilities Trenching		*0.81*	*1.02*	*0.02*	*0.02*
	≤1.00 Acre LST	*103*	*562*	*4.00*	*3.00*
	Exceeds LST?	*no*	*no*	*no*	*no*
Phase 3 Utilities Trenching and Building Construction (2028)		*8.70*	*10.90*	*0.25*	*0.23*
	≤1.00 Acre LST	*103*	*562*	*4.00*	*3.00*
	Exceeds LST?	*no*	*no*	*no*	*no*
Phase 3 Building Construction (2028)		*7.89*	*9.88*	*0.23*	*0.21*
	≤1.00 Acre LST	*103*	*562*	*4.00*	*3.00*
	Exceeds LST?	*no*	*no*	*no*	*no*
Phase 3 Building Construction (2029)		*7.62*	*9.82*	*0.21*	*0.19*
	≤1.00 Acre LST	*103*	*562*	*4.00*	*3.00*
	Exceeds LST?	*no*	*no*	*no*	*no*
Phase 3 Building Construction (2030)		*7.48*	*9.79*	*0.20*	*0.18*
	≤1.00 Acre LST	*103*	*562*	*4.00*	*3.00*
	Exceeds LST?	*no*	*no*	*no*	*no*
Phase 3 Building Construction (2030), Paving, and Architectural Coating		*10.93*	*15.72*	*0.28*	*0.26*
	1.35 Acre LST	*118*	*655*	*4.70*	*3.35*
	Exceeds LST?	*no*	*no*	*no*	*no*
Phase 3 Building Construction (2030), Paving, Architectural Coating, and Finishing/Landscaping		*11.73*	*16.73*	*0.30*	*0.27*
	1.35 Acre LST	*118*	*655*	*4.70*	*3.35*
	Exceeds LST?	*no*	*no*	*no*	*no*

GHG Emissions Inventory

Proposed Project Buildout

Construction[1]

Phase 1 Construction

	$MTCO_2e$
2023	137
2024	246
Total Construction	**383**
30-Year Amortization[2]	**13**

Phase 2 Construction

	$MTCO_2e$
2025	149
2026	260
Total Construction	**409**
30-Year Amortization[2]	**14**

Phase 3 Construction

	$MTCO_2e$
2028	138
2029	246
2030	56
Total Construction	**440**
30-Year Amortization[2]	**15**

Totals

	$MTCO_2e$	%
Year 2023	137	11%
Year 2024	246	20%
Year 2025	149	12%
Year 2026	260	21%
Year 2028	138	11%
Year 2029	246	20%
Year 2030	56	5%
Total Construction	**1,232**	100%
Total 30-Year Amortization[2]	**41**	

Notes

1 CalEEMod, Version 2022.1

2 Total construction emissions are amortized over 30 years per SCAQMD methodology; SCAQMD. 2009, November 19. Greenhouse Gases (GHG) CEQA Significance Thresholds Working Group Meeting 14. http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/year-2008-2009/ghg-meeting-14/ghg-meeting-14-main-presentation.pdf?sfvrsn=2.

Assumptions Worksheet

CalEEMod Inputs- McKinley Elementary School, Construction

Name:	McKinley Elementary School, Construction
Project Number:	SMM-07
Project Location:	North of 23rd Ct and Santa Monica Blvd
County/Air Basin:	Los Angeles - South Coast AQMD
Climate Zone:	11
Land Use Setting:	Urban
Operational Year:	2028
Utility Company:	Southern California Edison
Air Basin:	South Coast Air Basin
Air District:	South Coast AQMD
SRA:	2 - Northwest Coastal LA County

Project Site Acreage 6.48

	Phase 1	Phase 2	Phase 3	Total
Disturbed Site Acreage	1.97	2.82	1.35	6.14

Project Components	SQFT	Amount of Debris	Notes
Demolition			
Phase 1			
Building Demolition (CY)	11,028	1,015	Eleven Portable Classrooms (B1-B11) and Playground Restrooms
Asphalt Demolition (Tons)	35,284	523	
Phase 2			
Building Demolition (CY)	397	37	Removal of Elevator that serves Buildings B and C
Asphalt Demolition (Tons)	73,424	1,088	
Phase 3			
Building Demolition (CY)	3,796	349	Modular Building D, Interim Parking
Asphalt Demolition (Tons)	32,000	474	

Project Components	Number of Stories	SQFT	Building Footprint	Acres
Construction				
Phase 1				
Two-Story Classroom Building	2	24,410	12,205	0.28
Library Renovation	1	1,354	1,354	0.03
Parking		32,000		0.73
Asphalt Surfaces		10,244		0.24
Landscaping		3,133		0.07
Hardscape		7,547		0.17
Remaining Area		19,330		0.44
			TOTAL ACREAGE	**1.97**

Notes

[1] Assumes asphalt surfaces, landscaping and hardscaping SF will covers the 14,500 sf playfields and playgrounds (see Project Description)

Project Components	Number of Stories	SQFT	Building Footprint	Acres
Phase 2				
Building C Renovation	2	2,330	1,165	0.00
Elevator and Stair Core Reconstruction	2	870	435	0.01
Lunch Shelter	1	3,500	3,500	0.08
Asphalt Surfaces		2,438		0.06
Landscaping		29,720		0.68
Hardscape		64,007		1.47
Remaining Area		22,738		0.52
			TOTAL ACREAGE	**2.82**

Project Components	Number of Stories	SQFT	Building Footprint	Acres
Phase 3				
Two-Story Classroom Building	2	26,500	13,250	0.30
Parking		23,000		0.53
Asphalt Surfaces		2,580		0.06
Landscaping		10,798		0.25
Hardscape		8,973		0.21
			TOTAL ACREAGE	**1.35**

CalEEMod Land Use Inputs - Phase 1

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet
Educational	Elementary School	24.410	1000 sqft	0.31	24,410
Parking	Parking	32.000	1000 sqft	0.73	32,000
Parking	Other Asphalt Surfaces	10.244	1000 sqft	0.24	10,244
Parking	Other Non-asphalt Surfaces (Landscape)	3.133	1000 sqft	0.07	3,133
Parking	Other Non-asphalt Surfaces (Hardscape)	26.877	1000 sqft	0.62	26,877
				1.97	

CalEEMod Land Use Inputs - Phase 2

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet
Educational	Elementary School	4.370	1000 sqft	0.09	4,370
Parking	Other Asphalt Surfaces	2.438	1000 sqft	0.06	2,438
Parking	Other Non-asphalt Surfaces (Landscape)	29.720	1000 sqft	0.68	29,720
Parking	Other Non-asphalt Surfaces (Hardscape)	86.745	1000 sqft	1.99	86,745
				2.82	

CalEEMod Land Use Inputs - Phase 3

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet
Educational	Elementary School	26.500	1000 sqft	0.30	26,500
Parking	Parking	23.000	1000 sqft	0.53	23,000
Parking	Other Asphalt Surfaces	2.580	1000 sqft	0.06	2,580
Parking	Other Non-asphalt Surfaces (Landscape)	10.798	1000 sqft	0.25	10,798
Parking	Other Non-asphalt Surfaces (Hardscape)	8.973	1000 sqft	0.21	8,973
				1.35	

Demolition - Phase 1

Component	Amount to be Demolished	Haul Truck Capacity	Haul Distance (miles)	Total Trip Ends	Duration (days)	Trip Ends Per Day
Building (CY)	1,015	16	20	130	34	4
Asphalt (tons)	523	20	20	53	34	2
Total	1,537			183		

Demolition - Phase 2

Component	Amount to be Demolished	Haul Truck Capacity	Haul Distance (miles)	Total Trip Ends	Duration (days)	Trip Ends Per Day
Building (CY)	37	16	20	6	30	1
Asphalt (tons)	1,088	20	20	109	30	4
Total	1,124			115		

Demolition - Phase 3

Component	Amount to be Demolished	Haul Truck Capacity	Haul Distance (miles)	Total Trip Ends	Duration (days)	Trip Ends Per Day
Building (CY)	349	16	20	46	39	2
Asphalt (tons)	474	20	20	48	39	2
Total	823			94		

Note: Demolition haul distance based on CalEEMod Defaults

Architectural Coating

	Percent Painted
Interior Painted:	100%
Exterior Painted:	100%

Rule 1113

Interior Paint VOC content:	50	grams per liter
Exterior Paing VOC content:	50	grams per liter

Phase 1

Structures	Land Use Square Feet	CalEEMod Factor[2]	Total Paintable Surface Area	Paintable Interior Area[1]	Paintable Exterior Area[1]
Non-Residential Structures					
Elementary School	25,764	2.0	51,528	38,646	12,882
			51,528	**38,646**	**12,882**
Parking					
Parking	32,000	6%	1,920	-	1,920
Playground/ Playfield Area	14,500	6%	870	-	870
			2,790		**2,790**

Phase 2

Structures	Land Use Square Feet	CalEEMod Factor[2]	Total Paintable Surface Area	Paintable Interior Area[1]	Paintable Exterior Area[1]
Non-Residential Structures					
Elementary School	6,700	2.0	13,400	10,050	3,350
			13,400	**10,050**	**3,350**
Parking					
Playground/ Playfield Area	32,159	6%	1,930	-	1,930
			1,930		**1,930**

Phase 3

Structures	Land Use Square Feet	CalEEMod Factor[2]	Total Paintable Surface Area	Paintable Interior Area[1]	Paintable Exterior Area[1]
Non-Residential Structures					
Elementary School	26,500	2.0	53,000	39,750	13,250
			53,000	**39,750**	**13,250**
Parking					
Parking	23,000	6%	1,380	-	1,380
Asphalt Surfaces/Landscaped Surfaces	13,377	6%	803	-	803
			2,183		**2,183**

Notes:

[1] CalEEMod methodology calculates the paintable interior and exterior areas by multiplying the total paintable surface area by 75 and 25 percent, respectively.

[2] The program assumes the total surface for painting equals 2.7 times the floor square footage for residential and 2.0 times that for nonresidential square footage defined by the user. Assumes 0.5 times the lot acreage (converted to square feet) for Parking

[3] Assumes that all Parking

Construction Mitigation

SCAQMD Rule 403

Replace Ground Cover	PM10:	5	% Reduction
	PM25:	5	% Reduction
Water Exposed Area	Frequency:	2	per day
	PM10:	61	% Reduction
	PM25:	61	% Reduction
Unpaved Roads	Vehicle Speed:	25	mph

SCAQMD Rule 1186

	Clean Paved Road	9	% PM Reduction

Southern California Edison Carbon Intensity Factors

CO_2:[1,2]	449.98	pounds per megawatt hour	RPS Year: 2021
CH_4:[3]	0.033	pound per megawatt hour	
N_2O:[3]	0.004	pound per megawatt hour	

Notes:

[1] Based on CO_2e intensity factor of 452 pounds per megawatt hour; Southern California Edison. 2022. 2021 Sustainability Report. https://www.edison.com/home/sustainability/sustainability-report.html

[2] Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH_4 and N_2O; Intergovernmental Panel on Climate Change (IPCC). 2007. Fourth Assessment Report: Climate Change 2007.

[3] CalEEMod2022 default values.

Global Warming Potentials (GWP)

	AR4	AR5
CO_2	1	1
CH_4	25	28
N_2O	298	265

Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH_4 and N_2O; Intergovernmental Panel on Climate Change (IPCC).

Building Demolition Haul Trip Calculation

*Conversion factors**

0.046	ton/SF	Building Debris
2.0	CY/ton	Building Debris
1.2641662	tons/cy	Soil
20	tons	Truck Capacity in tons
16	CY	Truck Capacity in CY
0.791035229	CY/ton	Soil

Building	BSF Demo	Tons/SF	Tons	CY of Building Materials	Haul Truck (CY)	Round Trips	Total Trip Ends
Phase 1 Building Demolition	11,028	0.046	507	1,015	16	65	130
Phase 2 Building Demolition	397	0.046	18	37	16	3	6
Phase 3 Building Demolition	3,796	0.046	175	349	16	23	46
	15,221						

*CalEEMod User's Guide Version 2022, Appendix C

Pavement Volume to Weight Conversion

Component	Total SF of Area[1]	Assumed Thickness (foot)[2]	Debris Volume (cu. ft)	Weight of Crushed Asphalt (lbs/cf)[3]	AC Mass (lbs)	AC Mass (tons)
Phase 1 Asphalt Demolition	35,284	0.333	11,761	89	1,045,452	522.73
Phase 2 Asphalt Demolition	73,424	0.333	24,475	89	2,175,526	1087.76
Phase 3 Asphalt Demolition	32,000	0.333	10,667	89	948,148	474.07
Total	140,708					2,085

[1] Based on aerial image of existing project site.

[2] Pavements and Surface Materials. Nonpoint Education for Municipal Officials, Technical Paper Number 8. University of Connecticut Cooperative Extension System, 1999.

[3] https://www.delmar.ca.us/DocumentCenter/View/5668/CalRecycle-Conversion-Table

Construction Activities and Schedule Assumption

* based on information provided by the Applicant

	Construction Schedule		
Construction Activities	**Start Date**	**End Date**	**CalEEMod Duration (Workday)**
Phase 1			
Phase 1 Building Demolition	6/15/2023	7/12/2023	20
Phase 1 Building Demolition Debris Haul	6/15/2023	7/12/2023	20
Phase 1 Asphalt Demolition	6/15/2023	7/12/2023	20
Phase 1 Asphalt Demolition Debris Haul	6/15/2023	7/12/2023	20
Phase 1 Site Preparation	7/12/2023	7/13/2023	2
Phase 1 Rough Grading	7/13/2023	7/18/2023	4
Phase 1 Fine Grading	7/18/2023	7/23/2023	4
Phase 1 Utility Trenching	7/23/2023	7/28/2023	5
Phase 1 Building Construction	7/28/2023	5/2/2024	200
Phase 1 Paving	4/19/2024	5/2/2024	10
Phase 1 Architectural Coating	4/19/2024	5/2/2024	10
Phase 1 Finishing/Landscaping	4/26/2024	5/2/2024	5
Phase 2			
Phase 2 Building Demolition	6/15/2025	7/12/2025	20
Phase 2 Building Demolition Debris Haul	6/15/2025	7/12/2025	20
Phase 2 Asphalt Demolition	6/15/2025	7/12/2025	20
Phase 2 Asphalt Demolition Debris Haul	6/15/2025	7/12/2025	20
Phase 2 Site Preparation	7/12/2025	7/16/2025	3
Phase 2 Rough Grading	7/16/2025	7/23/2025	6
Phase 2 Fine Grading	7/23/2025	7/30/2025	6
Phase 2 Utility Trenching	7/30/2025	8/5/2025	5
Phase 2 Building Construction	8/5/2025	6/8/2026	220
Phase 2 Paving	5/26/2026	6/8/2026	10
Phase 2 Architectural Coating	5/26/2026	6/8/2026	10
Phase 2 Finishing/Landscaping	6/2/2026	6/8/2026	5
Phase 3			
Phase 3 Building Demolition	6/15/2028	6/28/2028	10
Phase 3 Building Demolition Debris Haul	6/15/2028	6/28/2028	10
Phase 3 Asphalt Demolition	6/15/2028	6/28/2028	10
Phase 3 Asphalt Demolition Debris Haul	6/15/2028	6/28/2028	10
Phase 3 Site Preparation	6/28/2028	6/28/2028	1
Phase 3 Rough Grading	6/29/2028	7/1/2028	2
Phase 3 Fine Grading	7/1/2028	7/4/2028	2
Phase 3 Utility Trenching	7/4/2028	7/10/2028	5
Phase 3 Building Construction	7/10/2028	11/25/2028	100
Phase 3 Paving	11/20/2028	11/25/2028	5
Phase 3 Architectural Coating	11/20/2028	11/25/2028	5
Phase 3 Finishing/Landscaping	11/20/2028	11/25/2028	5

Normalization Calculations Phase 1

CalEEMod Defaults Construction Duration		Assumed Construction Duration	
322	days of construction	6/15/2023	12/15/2024
0.88	years of construction	549	days
10.59	months of construction	18.05	months
	Normalization Factor:	1.70	

Normalization Calculations Phase 2

CalEEMod Defaults Construction Duration		Assumed Construction Duration	
358	days of construction	6/15/2025	12/15/2026
0.98	years of construction	548	days
11.77	months of construction	18.02	months
	Normalization Factor:	1.53	

Normalization Calculations Phase 3

CalEEMod Defaults Construction Duration		Assumed Construction Duration	
163	days of construction	6/15/2028	3/15/2030
0.45	years of construction	638	days
5.36	months of construction	20.98	months
	Normalization Factor:	3.91	

Overlapping Schedule

	Construction Schedule		
Construction Activities	**Start Date**	**End Date**	**CalEEMod Duration (Workday)**
Phase 1			
Phase 1 Building Demolition	6/15/2023	8/1/2023	34
Phase 1 Building Demolition Debris Haul	6/15/2023	8/1/2023	34
Phase 1 Asphalt Demolition	6/15/2023	8/1/2023	34
Phase 1 Asphalt Demolition Debris Haul	6/15/2023	8/1/2023	34
Phase 1 Site Preparation	8/1/2023	8/4/2023	4
Phase 1 Rough Grading	8/4/2023	8/14/2023	7
Phase 1 Fine Grading	8/15/2023	8/22/2023	6
Phase 1 Utility Trenching	8/22/2023	8/28/2023	5
Phase 1 Building Construction	8/28/2023	12/16/2024	341
Phase 1 Paving	11/22/2024	12/16/2024	17
Phase 1 Architectural Coating	11/22/2024	12/16/2024	17
Phase 1 Finishing/Landscaping	12/10/2024	12/16/2024	5
Phase 2			
Phase 2 Building Demolition	6/15/2025	7/25/2025	30
Phase 2 Building Demolition Debris Haul	6/15/2025	7/25/2025	30
Phase 2 Asphalt Demolition	6/15/2025	7/25/2025	30
Phase 2 Asphalt Demolition Debris Haul	6/15/2025	7/25/2025	30
Phase 2 Site Preparation	7/25/2025	7/31/2025	5
Phase 2 Rough Grading	7/31/2025	8/12/2025	9
Phase 2 Fine Grading	8/13/2025	8/22/2025	8
Phase 2 Utility Trenching	8/22/2025	8/28/2025	5
Phase 2 Building Construction	8/28/2025	12/12/2026	337
Phase 2 Paving	11/21/2026	12/12/2026	15
Phase 2 Architectural Coating	11/21/2026	12/12/2026	15
Phase 2 Finishing/Landscaping	12/7/2026	12/12/2026	5
Phase 3			
Phase 3 Building Demolition	6/15/2028	8/8/2028	39
Phase 3 Building Demolition Debris Haul	6/15/2028	8/8/2028	39
Phase 3 Asphalt Demolition	6/15/2028	8/8/2028	39
Phase 3 Asphalt Demolition Debris Haul	6/15/2028	8/8/2028	39
Phase 3 Site Preparation	8/8/2028	8/13/2028	4
Phase 3 Rough Grading	8/13/2028	8/23/2028	8
Phase 3 Fine Grading	8/24/2028	9/1/2028	7
Phase 3 Utility Trenching	9/1/2028	9/7/2028	5
Phase 3 Building Construction	9/7/2028	3/10/2030	392
Phase 3 Paving	2/10/2030	3/10/2030	20
Phase 3 Architectural Coating	2/10/2030	3/10/2030	20
Phase 3 Finishing/Landscaping	3/4/2030	3/10/2030	5

Phase Name	Worker Trip Ends Per Day	Vendor Trip Ends Per Day	Haul Truck Trip Ends Per Day	Total Trip Ends Per Day	Start Date	End Date	Workdays
Phase 1							
Phase 1 Building Demolition	13	8	0	21	6/15/2023	8/1/2023	34
Phase 1 Building Demolition Debris Haul	0	0	4	4	6/15/2023	8/1/2023	34
Phase 1 Asphalt Demolition	0	0	0	0	6/15/2023	8/1/2023	34
Phase 1 Asphalt Demolition Debris Haul	0	0	2	2	6/15/2023	8/1/2023	34
Phase 1 Site Preparation	13	10	0	23	8/1/2023	8/4/2023	4
Phase 1 Rough Grading	10	10	0	20	8/4/2023	8/14/2023	7
Phase 1 Fine Grading	10	10	0	20	8/15/2023	8/22/2023	6
Phase 1 Utility Trenching	3	0	0	3	8/22/2023	8/28/2023	5
Phase 1 Building Construction	10	4	0	14	8/28/2023	12/16/2024	341
Phase 1 Paving	8	0	0	8	11/22/2024	12/16/2024	17
Phase 1 Architectural Coating	2	0	0	2	11/22/2024	12/16/2024	17
Phase 1 Finishing/Landscaping	3	0	0	3	12/10/2024	12/16/2024	5
Phase 2							
Phase 2 Building Demolition	15	8	0	23	6/15/2025	7/25/2025	30
Phase 2 Building Demolition Debris Haul	0	0	1	1	6/15/2025	7/25/2025	30
Phase 2 Asphalt Demolition	0	0	0	0	6/15/2025	7/25/2025	30
Phase 2 Asphalt Demolition Debris Haul	0	0	4	4	6/15/2025	7/25/2025	30
Phase 2 Site Preparation	13	10	0	23	7/25/2025	7/31/2025	5
Phase 2 Rough Grading	10	10	0	20	7/31/2025	8/12/2025	9
Phase 2 Fine Grading	10	10	0	20	8/13/2025	8/22/2025	8
Phase 2 Utility Trenching	3	0	0	3	8/22/2025	8/28/2025	5
Phase 2 Building Construction	2	1	0	3	8/28/2025	12/12/2026	337
Phase 2 Paving	8	0	0	8	11/21/2026	12/12/2026	15
Phase 2 Architectural Coating	1	0	0	1	11/21/2026	12/12/2026	15
Phase 2 Finishing/Landscaping	3	0	0	3	12/7/2026	12/12/2026	5
Phase 3							
Phase 3 Building Demolition	15	8	0	23	6/15/2028	8/8/2028	39
Phase 3 Building Demolition Debris Haul	0	0	2	2	6/15/2028	8/8/2028	39
Phase 3 Asphalt Demolition	0	0	0	0	6/15/2028	8/8/2028	39
Phase 3 Asphalt Demolition Debris Haul	0	0	2	2	6/15/2028	8/8/2028	39
Phase 3 Site Preparation	13	10	0	23	8/8/2028	8/13/2028	4
Phase 3 Rough Grading	10	10	0	20	8/13/2028	8/23/2028	8
Phase 3 Fine Grading	10	10	0	20	8/24/2028	9/1/2028	7
Phase 3 Utility Trenching	3	0	0	3	9/1/2028	9/7/2028	5
Phase 3 Building Construction	11	4	0	15	9/7/2028	3/10/2030	392
Phase 3 Paving	8	0	0	8	2/10/2030	3/10/2030	20
Phase 3 Architectural Coating	2	0	0	2	2/10/2030	3/10/2030	20
Phase 3 Finishing/Landscaping	3	0	0	3	3/4/2030	3/10/2030	5

Construction Activity (Overlapping)	Worker Trip Ends Per Day	Vendor Trip Ends Per Day	Haul Truck Trip Ends Per Day	Total Trip Ends Per Day	Start Date	End Date	Workdays
Phase 1							
Phase 1 Building and Asphalt Demolition and Debris Haul	13	8	6	27	6/15/2023	7/31/2023	33
Phase 1 Building and Asphalt Demolition and Debris Haul, Site Preparation	26	18	6	50	8/1/2023	8/1/2023	1
Phase 1 Site Preparation	13	10	0	23	8/2/2023	8/3/2023	2
Phase 1 Site Preparation and Rough Grading	23	20	0	43	8/4/2023	8/4/2023	1
Phase 1 Rough Grading	10	10	0	20	8/5/2023	8/14/2023	6
Phase 1 Fine Grading	10	10	0	20	8/15/2023	8/21/2023	5
Phase 1 Fine Grading and Utilities Trenching	13	10	0	23	8/22/2023	8/22/2023	1
Phase 1 Utilities Trenching	3	0	0	3	8/23/2023	8/27/2023	3
Phase 1 Utilities Trenching and Building Construction (2023)	13	4	0	17	8/28/2023	8/28/2023	1
Phase 1 Building Construction (2023)	10	4	0	14	8/29/2023	12/31/2023	89
Phase 1 Building Construction (2024)	10	4	0	14	1/1/2024	11/21/2024	234
Phase 1 Building Construction (2024), Paving, and Architectural Coating	20	4	0	24	11/22/2024	12/9/2024	12
Phase 1 Building Construction (2024), Paving, Architectural Coating, and Finishing/Landscaping	23	4	0	27	12/10/2024	12/16/2024	5
Phase 2							
Phase 2 Building and Asphalt Demolition and Debris Haul	15	8	5	28	6/15/2025	7/24/2025	29
Phase 2 Building and Asphalt Demolition and Debris Haul, Site Preparation	28	18	5	51	7/25/2025	7/25/2025	1
Phase 2 Site Preparation	13	10	0	23	7/26/2025	7/30/2025	3
Phase 2 Site Preparation and Rough Grading	23	20	0	43	7/31/2025	7/31/2025	1
Phase 2 Rough Grading	10	10	0	20	8/1/2025	8/12/2025	8
Phase 2 Fine Grading	10	10	0	20	8/13/2025	8/21/2025	7
Phase 2 Fine Grading and Utilities Trenching	13	10	0	23	8/22/2025	8/22/2025	1
Phase 2 Utilities Trenching	3	0	0	3	8/23/2025	8/27/2025	3
Phase 2 Utilities Trenching and Building Construction (2025)	5	1	0	6	8/28/2025	8/28/2025	1
Phase 2 Building Construction (2025)	2	1	0	3	8/29/2025	12/31/2025	89
Phase 2 Building Construction (2026)	2	1	0	3	1/1/2026	11/20/2026	232
Phase 2 Building Construction (2026), Paving, and Architectural Coating	11	1	0	12	11/21/2026	12/6/2026	10
Phase 2 Building Construction (2026), Paving, Architectural Coating, and Finishing/Landscaping	14	1	0	15	12/7/2026	12/12/2026	5

Phase 3							
Phase 3 Building and Asphalt Demolition and Debris Haul	15	8	4	27	6/15/2028	8/7/2028	38
Phase 3 Building and Asphalt Demolition and Debris Haul, Site Preparation	28	18	4	50	8/8/2028	8/8/2028	1
Phase 3 Site Preparation	13	10	0	23	8/9/2028	8/12/2028	3
Phase 3 Site Preparation and Rough Grading	23	20	0	43	8/13/2028	8/13/2028	0
Phase 3 Rough Grading	10	10	0	20	8/14/2028	8/23/2028	8
Phase 3 Fine Grading	10	10	0	20	8/24/2028	8/31/2028	6
Phase 3 Fine Grading and Utilities Trenching	13	10	0	23	9/1/2028	9/1/2028	1
Phase 3 Utilities Trenching	3	0	0	3	9/2/2028	9/6/2028	3
Phase 3 Utilities Trenching and Building Construction (2028)	14	4	0	18	9/7/2028	9/7/2028	1
Phase 3 Building Construction (2028)	11	4	0	15	9/8/2028	12/31/2028	81
Phase 3 Building Construction (2029)	11	4	0	15	1/1/2029	12/31/2029	261
Phase 3 Building Construction (2030)	11	4	0	15	1/1/2030	2/9/2030	29
Phase 3 Building Construction (2030), Paving, and Architectural Coating	21	4	0	25	2/10/2030	3/3/2030	15
Phase 3 Building Construction (2030), Paving, Architectural Coating, and Finishing/Landscaping	24	4	0	28	3/4/2030	3/10/2030	5
	28	**20**	**6**	**51**			

CalEEMod Construction Off-Road Equipment Inputs

**Based on CalEEMod defaults, assumed equipment would not be shared for most conservative results*

General Construction Hours: 8 hours btwn 7:00 AM to 4:00 PM (with 1 hr break), Mon-Fri

Water Truck Vendor Trip Calculation

Amount of Water (gal/acre/day)[1]	Water Truck Capacity (gallons)[2]
10,000	4,000

Notes:

[1] Based on data provided in Guidance for Application for Dust Control Permit

Maricopa County Air Quality Department. 2005, June. Guidance for Application of Dust Control Permit. https://www.epa.gov/sites/default/files/2019-04/documents/mr_guidanceforapplicationfordustcontrolpermit.pdf)

[2] Based on standard water truck capacity:
McLellan Industries. 2022, January (access). Water Trucks. https://www.mclellanindustries.com/trucks/water-trucks/

[3] Assumes that dozers, tractors/loaders/backhoes, and graders can disturb 0.50 acres per day and scrapers can disturb 1 acre per day.

Construction Equipment Details						
Equipment	**model**	**# of Equipment**	**hr/day**	**hp**	**load factor***	**total trips**
Building Demolition						
Front End Loader		1	8	84	0.37	
Forklift		2	8	82	0.2	
Skid Steer		2	8	71	0.37	
Worker Trips						13
Vendor Trips						0
Hauling Trips						0
Water Trucks (Added to Vendor Trips)			Acres Disturbed:	1.5		8
Building Demolition Debris Haul						
no additional equipment required for debris hauling						
Worker Trips						0
Vendor Trips						0
Hauling Trips						4
Asphalt Demolition						
assumes asphalt demolition equipment is shared building demolition equipment						
Worker Trips						0
Vendor Trips						0
Hauling Trips						0
Asphalt Demolition Debris Haul						
no additional equipment required for debris hauling						
Worker Trips						0
Vendor Trips						0
Hauling Trips						2
Site Preparation						
Skip Loaders		3	8	84	0.37	
Backhoe		1	8	84	0.37	
Compaction Roller		1	8	36	0.38	
Worker Trips						13
Vendor Trips						0
Hauling Trips						0
Water Trucks (Added to Vendor Trips)			Acres Disturbed:	2		10
Rough Grading						
Graders		1	8	148	0.41	
Tractors/Loaders/Backhoes		2	7	84	0.37	
Rubber Tired Dozers		1	8	367	0.4	
Worker Trips						10
Vendor Trips						0
Hauling Trips						0
Water Trucks (Added to Vendor Trips)			Acres Disturbed:	1.875		10

Fine Grading							
	Graders		1	8	148	0.41	
	Tractors/Loaders/Backhoes		2	7	84	0.37	
	Rubber Tired Dozers		1	8	367	0.4	
	Worker Trips						10
	Vendor Trips						0
	Hauling Trips						0
	Water Trucks (Added to Vendor Trips)			Acres Disturbed:	1.875		10
Utilities Trenching							
	Excavators		1	8	36	0.38	
	Worker Trips						3
	Vendor Trips						0
	Hauling Trips						0
Building Construction							
	Cranes		1	6	367	0.29	
	Forklifts		1	6	82	0.2	
	Generator Sets		1	8	14	0.74	
	Tractors/Loaders/Backhoes		1	6	84	0.37	
	Welders		3	8	46	0.45	
	Worker Trips						10
	Vendor Trips						4
	Hauling Trips						0
Paving							
	Skip Loader		2	8	84	0.37	
	Compaction Roller		1	8	36	0.38	
	Worker Trips						8
	Vendor Trips						0
	Hauling Trips						0
Architectural Coating (surface lots, etc...)							
	Generator		2	8	14	0.74	
	Worker Trips						2
	Vendor Trips						0
	Hauling Trips						0
Finishing/Landscaping							
	Excavators		1	8	36	0.38	
	Worker Trips						3
	Vendor Trips						0
	Hauling Trips						0

CalEEMod Construction Off-Road Equipment Inputs

**Based on CalEEMod defaults, assumed equipment would not be shared for most conservative results*

General Construction Hours: 8 hours btwn 7:00 AM to 4:00 PM (with 1 hr break), Mon-Fri

Water Truck Vendor Trip Calculation

Amount of Water (gal/acre/day)[1]	Water Truck Capacity (gallons)[2]
10,000	4,000

Notes:

[1] Based on data provided in Guidance for Application for Dust Control Permit
https://www.epa.gov/sites/default/files/2019-04/documents/mr_guidanceforapplicationfordustcontrolpermit.pdf)

[2] Based on standard water truck capacity:
McLellan Industries. 2022, January (access). Water Trucks. https://www.mclellanindustries.com/trucks/water-trucks/

[3] Assumes that dozers, tractors/loaders/backhoes, and graders can disturb 0.50 acres per day and scrapers can disturb 1 acre per day.

Construction Equipment Details						
Equipment	**model**	**# of Equipment**	**hr/day**	**hp**	**load factor***	**total trips**
Building Demolition						
Front End Loader		1	8	84	0.37	
Skip Loader		2	8	84	0.37	
Forklift		2	8	82	0.2	
Excavator		1	8	36	0.38	
Worker Trips						15
Vendor Trips						0
Hauling Trips						0
Water Trucks (Added to Vendor Trips)			Acres Disturbed:	1.5		8
Building Demolition Debris Haul						
no additional equipment required for debris hauling						
Worker Trips						0
Vendor Trips						0
Hauling Trips						1
Asphalt Demolition						
assumes asphalt demolition equipment is shared building demolition equipment						
Worker Trips						0
Vendor Trips						0
Hauling Trips						0
Asphalt Demolition Debris Haul						
no additional equipment required for debris hauling						
Worker Trips						0
Vendor Trips						0
Hauling Trips						4
Site Preparation						
Skip Loader		3	8	84	0.37	
Backhoe		1	8	84	0.37	
Compaction Roller		1	8	36	0.38	
Worker Trips						13
Vendor Trips						0
Hauling Trips						0
Water Trucks (Added to Vendor Trips)			Acres Disturbed:	2		10
Rough Grading						
Graders		1	8	148	0.41	
Rubber Tired Dozers		1	8	367	0.4	
Tractors/Loaders/Backhoes		2	7	84	0.37	
Worker Trips						10
Vendor Trips						0
Hauling Trips						0
Water Trucks (Added to Vendor Trips)			Acres Disturbed:	1.875		10

Fine Grading						
Graders		1	8	148	0.41	
Rubber Tired Dozers		1	8	367	0.4	
Tractors/Loaders/Backhoes		2	7	84	0.37	
Worker Trips						10
Vendor Trips						0
Hauling Trips						0
Water Trucks (Added to Vendor Trips)			Acres Disturbed:	1.875		10
Utilities Trenching						
Excavators		1	8	36	0.38	
Worker Trips						3
Vendor Trips						0
Hauling Trips						0
Building Construction						
Cranes		1	8	367	0.29	
Forklifts		2	7	82	0.2	
Generator Sets		1	8	14	0.74	
Tractors/Loaders/Backhoes		1	6	84	0.37	
Welders		3	8	46	0.45	
Worker Trips						2
Vendor Trips						1
Hauling Trips						0
Paving						
Skip Loader		2	8	84	0.37	
Compaction Roller		1	8	36	0.38	
Worker Trips						8
Vendor Trips						0
Hauling Trips						0
Architectural Coating (surface lots, etc…)						
Air Compressors		1	6	37	0.48	
Worker Trips						1
Vendor Trips						0
Hauling Trips						0
Finishing/Landscaping						
Excavators		1	8	36	0.38	
Worker Trips						3
Vendor Trips						0
Hauling Trips						0

CalEEMod Construction Off-Road Equipment Inputs

**Based on CalEEMod defaults, assumed equipment would not be shared for most conservative results*

General Construction Hours: 8 hours btwn 7:00 AM to 4:00 PM (with 1 hr break), Mon-Fri

Water Truck Vendor Trip Calculation

Amount of Water (gal/acre/day)[1]	Water Truck Capacity (gallons)[2]
10,000	4,000

Notes:

[1] Based on data provided in Guidance for Application for Dust Control Permit
https://www.epa.gov/sites/default/files/2019-04/documents/mr_guidanceforapplicationfordustcontrolpermit.pdf)

[2] Based on standard water truck capacity:
McLellan Industries. 2022, January (access). Water Trucks. https://www.mclellanindustries.com/trucks/water-trucks/

[3] Assumes that dozers, tractors/loaders/backhoes, and graders can disturb 0.50 acres per day and scrapers can disturb 1 acre per day.

Construction Equipment Details						
Equipment	**model**	**# of Equipment**	**hr/day**	**hp**	**load factor***	**total trips**
Building Demolition						
Front End Loader		1	8	84	0.37	
Skip Loader		2	8	84	0.37	
Forklift		2	8	82	0.2	
Excavator		1	8	36	0.38	
Worker Trips						15
Vendor Trips						0
Hauling Trips						0
Water Trucks (Added to Vendor Trips)			Acres Disturbed:	1.5		8
Building Demolition Debris Haul						
no additional equipment required for debris hauling						
Worker Trips						0
Vendor Trips						0
Hauling Trips						2
Asphalt Demolition						
assumes asphalt demolition equipment is shared building demolition equipment						
Worker Trips						0
Vendor Trips						0
Hauling Trips						0
Asphalt Demolition Debris Haul						
no additional equipment required for debris hauling						
Worker Trips						0
Vendor Trips						0
Hauling Trips						2
Site Preparation						
Skip Loader		3	8	84	0.37	
Backhoe		1	8	84	0.37	
Compaction Roller		1	8	36	0.38	
Worker Trips						13
Vendor Trips						0
Hauling Trips						0
Water Trucks (Added to Vendor Trips)			Acres Disturbed:	2		10
Rough Grading						
Graders		1	8	148	0.41	
Rubber Tired Dozers		1	8	367	0.4	
Tractors/Loaders/Backhoes		2	7	84	0.37	
Worker Trips						10
Vendor Trips						0
Hauling Trips						0
Water Trucks (Added to Vendor Trips)			Acres Disturbed:	1.875		10

Fine Grading							
	Graders		1	8	148	0.41	
	Rubber Tired Dozers		1	8	367	0.4	
	Tractors/Loaders/Backhoes		2	7	84	0.37	
	Worker Trips						10
	Vendor Trips						0
	Hauling Trips						0
	Water Trucks (Added to Vendor Trips)			Acres Disturbed:	1.875		10
Utilities Trenching							
	Excavators		1	8	36	0.38	
	Worker Trips						3
	Vendor Trips						0
	Hauling Trips						0
Building Construction							
	Cranes		1	6	367	0.29	
	Forklifts		1	6	82	0.2	
	Generator Sets		1	8	14	0.74	
	Tractors/Loaders/Backhoes		1	6	84	0.37	
	Welders		3	8	46	0.45	
	Worker Trips						11
	Vendor Trips						4
	Hauling Trips						0
Paving							
	Skip Loader		2	8	84	0.37	
	Compaction Roller		1	8	36	0.38	
	Worker Trips						8
	Vendor Trips						0
	Hauling Trips						0
Architectural Coating (surface lots, etc…)							
	Air Compressors		1	6	37	0.48	
	Worker Trips						2
	Vendor Trips						0
	Hauling Trips						0
Finishing/Landscaping							
	Excavators		1	8	36	0.38	
	Worker Trips						3
	Vendor Trips						0
	Hauling Trips						0

CalEEMod Inputs- McKinley Elementary School, Operations

Name:	McKinley Elementary School, Operations
Project Number:	SMM-07
Project Location:	North of 23rd Ct and Santa Monica Blvd
County/Air Basin:	Los Angeles - South Coast AQMD
Climate Zone:	11
Land Use Setting:	Urban
Operational Year:	2028
Utility Company:	Southern California Edison
Air Basin:	South Coast Air Basin
Air District:	South Coast AQMD
SRA:	2 - Northwest Coastal LA County

Proposed Project				
Project Components	**Stories**	**SQFT**	**Building Footprint**	**Acres**
Phase 1				
Two-Story Classroom Building	2	24,410	12,205	0.28
Phase 2				
Elevator and Stair Core Reconstruction	2	870	435	0.01
Lunch Shelter	1	3,500	3,500	0.08
Phase 3				
Two-Story Classroom Building	2	26,500	13,250	0.30
TOTAL BUILDING SQFT		**55,280**	**29,390**	**0.67**
Parking Lot		24,306		0.56
Other Asphalt Surfaces		15,262		0.35
Landscaping		43,651		1.00
Hardscape		80,527		1.85
Remaining Area		754		0.02

Operational Energy Use

Land Use Subtype[1]	Total Annual Electricity Consumption (kWh/year)	Total Annual Natural Gas Consumption (kBTU/year)	Title-24 Electricity Energy Intensity (kWhr/size/year)*	Title-24 Natural Gas Energy Intensity (KBTU/size/year)*	Nontitle-24 Electricity Energy Intensity (kWhr/size/year)	Nontitle-24 Natural Gas Energy Intensity (KBTU/size/year)
Elementary School Rates	6,254.30	20,979.90	**5,406.80**	**10,671.50**	847.50	10,308.40
Parking Lot Rates	876.00	0.00	**876.00**	**0.00**	0.00	0.00
New Elementary School Buildings	345,738	1,159,768.87	**298,887.90**	**589,920.52**	46,849.80	569,848.35
New Parking Lot	21,292	0.00	**21,292.06**	**0.00**	0.00	0.00
TOTAL	**367,030**	**1,159,769**				

CalEEMod Construction Model

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	McKinley Elementary School Mitigated Construction (Phase 1)
Lead Agency	
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.7
Precipitation (days)	18.4
Location	2401 Santa Monica Blvd, Santa Monica, CA 90404, USA
County	Los Angeles-South Coast
City	Santa Monica
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4409
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Are	Landscape A	Special Lanc	Population	Description
Elementary School	24.4	1000sqft	0.31	24410	0	0		
Parking Lot	32	1000sqft	0.73	0	0	0		
Other Asphalt Surfaces	10.2	1000sqft	0.24	0	0	0		
Other Non-Asphalt Surfaces	3.13	1000sqft	0.07	0	3133	0		
Other Non-Asphalt Surfaces	26.9	1000sqft	0.62	0	0	0		

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Un/Mit.	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Daily, Summer (Max)																		
Unmit.																		
Mit.	0.54	0.49	5.47	25.6	0.04	0.08	3.23	3.31	0.08	1.45	1.53		4736	4736	0.19	0.18	4.08	4783
% Reduced																		
Daily, Winter (Max)																		
Unmit.																		
Mit.	0.78	8.64	7.83	19.6	0.03	0.15	0.33	0.47	0.14	0.08	0.22		3301	3301	0.14	0.05	0.04	3320
% Reduced																		
Average Daily (Max)																		
Unmit.																		
Mit.	0.28	0.62	3.26	8.41	0.01	0.05	0.22	0.24	0.05	0.07	0.09		1473	1473	0.06	0.03	0.28	1483
% Reduced																		
Annual (Max)																		
Unmit.																		
Mit.	0.05	0.11	0.6	1.53	< 0.005	0.01	0.04	0.04	0.01	0.01	0.02		244	244	0.01	< 0.005	0.05	246
% Reduced																		

2.2. Construction Emissions by Year, Unmitigated

Year	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Daily - Summer (Max)																		
Daily - Winter (Max)																		
Average Daily																		
Annual																		

2.3. Construction Emissions by Year, Mitigated

Year	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Daily - Summer (Max)																		
2023	0.54	0.49	5.47	25.6	0.04	0.08	3.23	3.31	0.08	1.45	1.53		4736	4736	0.19	0.18	4.08	4783
2024	0.38	0.35	4.54	11.8	0.02	0.07	0.17	0.23	0.06	0.04	0.1		2075	2075	0.08	0.04	0.92	2089
Daily - Winter (Max)																		
2023	0.39	0.35	4.57	11.8	0.02	0.07	0.17	0.24	0.06	0.04	0.1		2072	2072	0.08	0.04	0.03	2086
2024	0.78	8.64	7.83	19.6	0.03	0.15	0.33	0.47	0.14	0.08	0.22		3301	3301	0.14	0.05	0.04	3320
Average Daily																		
2023	0.13	0.12	1.57	4.41	0.01	0.02	0.22	0.24	0.02	0.07	0.09		819	819	0.03	0.02	0.23	827
2024	0.28	0.62	3.26	8.41	0.01	0.05	0.12	0.17	0.05	0.03	0.08		1473	1473	0.06	0.03	0.28	1483
Annual																		
2023	0.02	0.02	0.29	0.81	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.02		136	136	0.01	< 0.005	0.04	137
2024	0.05	0.11	0.6	1.53	< 0.005	0.01	0.02	0.03	0.01	0.01	0.01		244	244	0.01	< 0.005	0.05	246

3. Construction Emissions Details

3.2. Demolition (2023) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.14	0.14	2.83	7.6	0.01	0.02		0.02	0.02		0.02		1084	1084	0.04	0.01		1088
Demolition							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	0.01	0.01	0.26	0.71	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		101	101	< 0.005	< 0.005		101
Demolition							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	< 0.005	< 0.005	0.05	0.13	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		16.7	16.7	< 0.005	< 0.005		16.8
Demolition							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0.07	0.06	0.07	1.02	0	0	0.16	0.16	0	0.04	0.04		180	180	0.01	0.01	0.77	183
Vendor	0.02	0.01	0.32	0.16	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02		262	262	0.01	0.04	0.7	273
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Worker	0.01	0.01	0.01	0.08	0	0	0.02	0.02	0	< 0.005	< 0.005		16.2	16.2	< 0.005	< 0.005	0.03	16.4
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005		24.4	24.4	< 0.005	< 0.005	0.03	25.4
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Worker	< 0.005	< 0.005	< 0.005	0.02	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		2.68	2.68	< 0.005	< 0.005	0.01	2.71
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		4.04	4.04	< 0.005	< 0.005	< 0.005	4.21
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0

3.4. Demolition (2023) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0	0	0	0	0	0		0	0		0		0	0	0	0		0
Demolition							0.21	0.21		0.03	0.03							

Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	0	0	0	0	0	0			0	0		0	0	0	0	0		0
Demolition							0.02	0.02		< 0.005	< 0.005							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Off-Road Equipment	0	0	0	0	0	0			0	0		0	0	0	0	0		0
Demolition							< 0.005	< 0.005		< 0.005	< 0.005							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0.02	0.01	0.37	0.14	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	287	287	0.02	0.05	0.65	301	
Daily, Winter (Max)																		
Average Daily																		
Worker	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	26.7	26.7	< 0.005	< 0.005	0.03	28	
Annual																		
Worker	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	4.42	4.42	< 0.005	< 0.005	< 0.005	4.64	

3.6. Demolition (2023) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0	0	0	0	0	0			0	0		0	0	0	0	0		0
Demolition							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	0	0	0	0	0	0			0	0		0	0	0	0	0		0
Demolition							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Off-Road Equipment	0	0	0	0	0	0			0	0		0	0	0	0	0		0
Demolition							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Worker	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Worker	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3.8. Demolition (2023) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0	0	0	0	0	0			0	0		0	0	0	0	0		0
Demolition							0.21	0.21		0.03	0.03							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	0	0	0	0	0	0			0	0		0	0	0	0	0		0
Demolition							0.02	0.02		< 0.005	< 0.005							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Off-Road Equipment	0	0	0	0	0	0			0	0		0	0	0	0	0		0
Demolition							< 0.005	< 0.005		< 0.005	< 0.005							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0.01	< 0.005	0.18	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	143	143	0.01	0.02	0.33	151	
Daily, Winter (Max)																		
Average Daily																		
Worker	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	13.3	13.3	< 0.005	< 0.005	0.01	14	
Annual																		
Worker	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	2.21	2.21	< 0.005	< 0.005	< 0.005	2.32	

3.10. Site Preparation (2023) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.13	0.13	1.23	9.1	0.01	0.02		0.02	0.02		0.02		1303	1303	0.05	0.01		1308
Dust From Material Movement							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	< 0.005	< 0.005	0.01	0.1	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		14.3	14.3	< 0.005	< 0.005		14.3
Dust From Material Movement							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		2.36	2.36	< 0.005	< 0.005		2.37
Dust From Material Movement							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0.07	0.06	0.07	1.02	0	0	0.16	0.16	0	0.04	0.04		180	180	0.01	0.01	0.77	183
Vendor	0.03	0.01	0.4	0.2	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03		327	327	0.01	0.04	0.87	342
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Worker	< 0.005	< 0.005	< 0.005	0.01	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		1.9	1.9	< 0.005	< 0.005	< 0.005	1.93

Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		3.59	3.59	< 0.005	< 0.005	< 0.005		3.74
Hauling	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0		0
Annual																				
Worker	< 0.005	< 0.005	< 0.005	< 0.005		0	0	< 0.005	< 0.005		0	< 0.005	< 0.005	0.31	0.31	< 0.005	< 0.005	< 0.005		0.32
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		0.59	0.59	< 0.005	< 0.005	< 0.005		0.62
Hauling	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0		0

3.12. Grading (2023) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.23	0.23	1.2	14.2	0.02	0.05		0.05	0.05		0.05		2453	2453	0.1	0.02		2462
Dust From Material Movement							2.76	2.76		1.34	1.34							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	< 0.005	< 0.005	0.02	0.27	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		47.1	47.1	< 0.005	< 0.005		47.2
Dust From Material Movement							0.05	0.05		0.03	0.03							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.05	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		7.79	7.79	< 0.005	< 0.005		7.82
Dust From Material Movement							0.01	0.01		< 0.005	< 0.005							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0.06	0.05	0.05	0.82	0	0	0.13	0.13	0	0.03	0.03		144	144	0.01	< 0.005	0.61	147
Vendor	0.03	0.01	0.4	0.2	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03		327	327	0.01	0.04	0.87	342
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Worker	< 0.005	< 0.005	< 0.005	0.01	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		2.66	2.66	< 0.005	< 0.005	0.01	2.7
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		6.28	6.28	< 0.005	< 0.005	0.01	6.54
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Worker	< 0.005	< 0.005	< 0.005	< 0.005		0	0	< 0.005	< 0.005		0	< 0.005	< 0.005	0.44	0.44	< 0.005	< 0.005	< 0.005		0.45
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		1.04	1.04	< 0.005	< 0.005	< 0.005	1.08
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0

3.14. Grading (2023) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.23	0.23	1.2	14.2	0.02	0.05		0.05	0.05		0.05		2453	2453	0.1	0.02		2462
Dust From Material Movement							2.76	2.76		1.34	1.34							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	< 0.005	< 0.005	0.02	0.23	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		40.3	40.3	< 0.005	< 0.005		40.5
Dust From Material Movement							0.05	0.05		0.02	0.02							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.04	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		6.68	6.68	< 0.005	< 0.005		6.7
Dust From Material Movement							0.01	0.01		< 0.005	< 0.005							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0.06	0.05	0.05	0.82	0	0	0.13	0.13	0	0.03	0.03		144	144	0.01	< 0.005	0.61	147
Vendor	0.03	0.01	0.4	0.2	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03		327	327	0.01	0.04	0.87	342
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Worker	< 0.005	< 0.005	< 0.005	0.01	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		2.28	2.28	< 0.005	< 0.005	< 0.005	2.31
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		5.38	5.38	< 0.005	< 0.005	0.01	5.61
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Worker	< 0.005	< 0.005	< 0.005	< 0.005		0	0	< 0.005	< 0.005		0	< 0.005	< 0.005	0.38	0.38	< 0.005	< 0.005	< 0.005		0.38
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		0.89	0.89	< 0.005	< 0.005	< 0.005	0.93
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0

3.16. Building Construction (2023) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.32	0.3	4.35	11	0.02	0.06		0.06	0.06		0.06		1801	1801	0.07	0.01		1807
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Off-Road Equipment	0.32	0.3	4.35	11	0.02	0.06		0.06	0.06		0.06		1801	1801	0.07	0.01		1807
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Average Daily																		
Off-Road Equipment	0.08	0.07	1.07	2.71	< 0.005	0.02		0.02	0.02		0.02		444	444	0.02	< 0.005		446
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	0.01	0.01	0.2	0.5	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		73.5	73.5	< 0.005	< 0.005		73.8
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0.06	0.05	0.05	0.84	0	0	0.13	0.13	0	0.03	0.03		148	148	0.01	0.01	0.63	150
Vendor	0.01	< 0.005	0.16	0.08	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01		131	131	0.01	0.02	0.35	137
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Worker	0.06	0.05	0.06	0.71	0	0	0.13	0.13	0	0.03	0.03		140	140	0.01	0.01	0.02	142
Vendor	0.01	< 0.005	0.17	0.08	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01		131	131	0.01	0.02	0.01	136
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Average Daily																		
Worker	0.01	0.01	0.02	0.18	0	0	0.03	0.03	0	0.01	0.01		35.1	35.1	< 0.005	< 0.005	0.07	35.6
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005		32.3	32.3	< 0.005	< 0.005	0.04	33.7
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Worker	< 0.005	< 0.005	< 0.005	0.03	0	0	0.01	0.01	0	< 0.005	< 0.005		5.81	5.81	< 0.005	< 0.005	0.01	5.89
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		5.35	5.35	< 0.005	< 0.005	0.01	5.57
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0

3.18. Building Construction (2024) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.32	0.3	4.34	11	0.02	0.06		0.06	0.06		0.06		1801	1801	0.07	0.01		1807
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Off-Road Equipment	0.32	0.3	4.34	11	0.02	0.06		0.06	0.06		0.06		1801	1801	0.07	0.01		1807
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0

Average Daily																		
Off-Road Equipment	0.22	0.21	2.98	7.56	0.01	0.04		0.04	0.04		0.04	1237	1237	0.05	0.01		1241	
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Annual																		
Off-Road Equipment	0.04	0.04	0.54	1.38	< 0.005	0.01		0.01	0.01		0.01	205	205	0.01	< 0.005		206	
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Offsite																		
Daily, Summer (Max)																		
Worker	0.05	0.05	0.05	0.77	0	0	0.13	0.13	0	0.03	0.03	145	145	0.01	< 0.005	0.57	147	
Vendor	0.01	< 0.005	0.15	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	129	129	0.01	0.02	0.35	135	
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Daily, Winter (Max)																		
Worker	0.05	0.05	0.06	0.65	0	0	0.13	0.13	0	0.03	0.03	137	137	0.01	0.01	0.01	139	
Vendor	0.01	< 0.005	0.16	0.08	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	129	129	0.01	0.02	0.01	135	
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Average Daily																		
Worker	0.03	0.03	0.04	0.47	0	0	0.09	0.09	0	0.02	0.02	95.6	95.6	< 0.005	< 0.005	0.17	97	
Vendor	0.01	< 0.005	0.11	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	88.7	88.7	< 0.005	0.01	0.1	92.5	
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Annual																		
Worker	0.01	0.01	0.01	0.09	0	0	0.02	0.02	0	< 0.005	< 0.005	15.8	15.8	< 0.005	< 0.005	0.03	16.1	
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	14.7	14.7	< 0.005	< 0.005	0.02	15.3	
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

3.20. Paving (2024) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Daily, Winter (Max)																		
Off-Road Equipment	0.08	0.08	0.95	5.05	0.01	0.01		0.01	0.01		0.01	723	723	0.03	0.01		725	
Paving		0.15																
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Average Daily																		
Off-Road Equipment	< 0.005	< 0.005	0.04	0.23	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005	33.7	33.7	< 0.005	< 0.005		33.8	
Paving		0.01																
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Annual																		
Off-Road Equipment	< 0.005	< 0.005	0.01	0.04	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005	5.57	5.57	< 0.005	< 0.005		5.59	
Paving		< 0.005																
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Offsite																		
Daily, Summer (Max)																		
Daily, Winter (Max)																		
Worker	0.04	0.03	0.04	0.48	0	0	0.1	0.1	0	0.02	0.02	100	100	< 0.005	< 0.005	0.01	102	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Average Daily																		
Worker	< 0.005	< 0.005	< 0.005	0.02	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005	4.74	4.74	< 0.005	< 0.005	0.01	4.81	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Annual																		
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005	0.79	0.79	< 0.005	< 0.005	< 0.005	0.8	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

3.22. Architectural Coating (2024) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Daily, Winter (Max)																		
Off-Road Equipment	0.24	0.2	1.6	1.05	< 0.005	0.07		0.07	0.06		0.06	208	208	0.01	< 0.005		208	
Architectural Coatings		7.79																
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Average Daily																		
Off-Road Equipment	0.01	0.01	0.07	0.05	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005	9.67	9.67	< 0.005	< 0.005		9.71	
Architectural Coatings		0.36																
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Annual																		
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005	1.6	1.6	< 0.005	< 0.005		1.61	
Architectural Coatings		0.07																
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Offsite																		
Daily, Summer (Max)																		
Daily, Winter (Max)																		
Worker	0.01	0.01	0.01	0.13	0	0	0.03	0.03	0	0.01	0.01	27.4	27.4	< 0.005	< 0.005	< 0.005	27.8	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Average Daily																		
Worker	< 0.005	< 0.005	< 0.005	0.01	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005	1.3	1.3	< 0.005	< 0.005	< 0.005	1.31	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Annual																		
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005	0.21	0.21	< 0.005	< 0.005	< 0.005	0.22	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

3.24. Trenching (2023) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.02	0.02	0.66	0.99	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005	142	142	0.01	< 0.005		142	
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005	1.94	1.94	< 0.005	< 0.005		1.95	
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Annual																		
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005	0.32	0.32	< 0.005	< 0.005		0.32	
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Offsite																		
Daily, Summer (Max)																		
Worker	0.01	0.01	0.01	0.2	0	0	0.03	0.03	0	0.01	0.01	36.1	36.1	< 0.005	< 0.005	0.15	36.7	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Daily, Winter (Max)																		
Average Daily																		
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005	0.48	0.48	< 0.005	< 0.005	< 0.005	0.48	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Annual																		
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08	

Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3.26. Trenching (2024) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Daily, Winter (Max)																		
Off-Road Equipment	0.02	0.02	0.66	0.99	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		142	142	0.01	< 0.005		142
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Daily																		
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		1.94	1.94	< 0.005	< 0.005		1.95
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		0.32	0.32	< 0.005	< 0.005		0.32
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Daily, Winter (Max)																		
Worker	0.01	0.01	0.01	0.16	0	0	0.03	0.03	0	0.01	0.01		33.5	33.5	< 0.005	< 0.005	< 0.005	33.9
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Daily																		
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		0.47	0.47	< 0.005	< 0.005	< 0.005	0.47
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Phase 1 Building Demolition	Demolition	6/15/2023	8/1/2023	5	34	
Phase 1 Building Demolition Debris Haul	Demolition	6/15/2023	8/1/2023	5	34	
Phase 1 Asphalt Demolition	Demolition	6/15/2023	8/1/2023	5	34	
Phase 1 Asphalt Demolition Debris Haul	Demolition	6/15/2023	8/1/2023	5	34	
Phase 1 Site Preparation	Site Preparation	8/1/2023	8/4/2023	5	4	
Phase 1 Rough Grading	Grading	8/4/2023	8/14/2023	5	7	
Phase 1 Fine Grading	Grading	8/15/2023	8/22/2023	5	6	
Phase 1 Building Construction	Building Construction	8/28/2023	12/16/2024	5	341	
Phase 1 Paving	Paving	11/22/2024	12/16/2024	5	17	
Phase 1 Architectural Coating	Architectural Coating	11/22/2024	12/16/2024	5	17	
Phase 1 Utility Trenching	Trenching	8/22/2023	8/28/2023	5	5	
Phase 1 Finishing/Landscaping	Trenching	12/10/2024	12/16/2024	5	5	

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 1 Building Demolition	Tractors/Loaders/Backhoes	Diesel	Average	1	8	84	0.37
Phase 1 Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4	8	84	0.37
Phase 1 Rough Grading	Graders	Diesel	Average	1	8	148	0.41
Phase 1 Rough Grading	Tractors/Loaders/Backhoes	Diesel	Average	2	7	84	0.37
Phase 1 Rough Grading	Rubber Tired Dozers	Diesel	Average	1	8	367	0.4
Phase 1 Paving	Tractors/Loaders/Backhoes	Diesel	Average	2	8	84	0.37
Phase 1 Paving	Rollers	Diesel	Average	1	8	36	0.38
Phase 1 Building Demolition Debris Haul	Tractors/Loaders/Backhoes	Diesel	Average	0	8	84	0.37
Phase 1 Building Demolition Debris Haul	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 1 Building Demolition Debris Haul	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 1 Asphalt Demolition	Tractors/Loaders/Backhoes	Diesel	Average	0	8	84	0.37
Phase 1 Asphalt Demolition Debris Haul	Tractors/Loaders/Backhoes	Diesel	Average	0	8	84	0.37
Phase 1 Asphalt Demolition Debris Haul	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 1 Asphalt Demolition Debris Haul	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 1 Fine Grading	Graders	Diesel	Average	1	8	148	0.41
Phase 1 Fine Grading	Tractors/Loaders/Backhoes	Diesel	Average	2	7	84	0.37
Phase 1 Fine Grading	Rubber Tired Dozers	Diesel	Average	1	8	367	0.4
Phase 1 Building Demolition	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 1 Building Demolition	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 1 Asphalt Demolition	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 1 Asphalt Demolition	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 1 Site Preparation	Graders	Diesel	Average	0	8	148	0.41
Phase 1 Site Preparation	Rubber Tired Dozers	Diesel	Average	0	7	367	0.4
Phase 1 Building Construction	Cranes	Diesel	Average	1	6	367	0.29
Phase 1 Building Construction	Forklifts	Diesel	Average	1	6	82	0.2
Phase 1 Building Construction	Generator Sets	Diesel	Average	1	8	14	0.74
Phase 1 Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1	6	84	0.37
Phase 1 Building Construction	Welders	Diesel	Average	3	8	46	0.45
Phase 1 Paving	Cement and Mortar Mixers	Diesel	Average	0	6	10	0.56
Phase 1 Paving	Pavers	Diesel	Average	0	6	81	0.42
Phase 1 Paving	Paving Equipment	Diesel	Average	0	8	89	0.36
Phase 1 Architectural Coating	Air Compressors	Diesel	Average	0	6	37	0.48
Phase 1 Building Demolition	Forklifts	Diesel	Average	2	8	82	0.2
Phase 1 Building Demolition	Skid Steer Loaders	Diesel	Average	2	8	71	0.37
Phase 1 Site Preparation	Rollers	Diesel	Average	1	8	36	0.38
Phase 1 Architectural Coating	Generator Sets	Diesel	Average	2	8	14	0.74
Phase 1 Utility Trenching	Excavators	Diesel	Average	1	8	36	0.38
Phase 1 Finishing/Landscaping	Excavators	Diesel	Average	1	8	36	0.38

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 1 Building Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1	8	84	0.37
Phase 1 Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4	8	84	0.37
Phase 1 Rough Grading	Graders	Diesel	Tier 4 Final	1	8	148	0.41
Phase 1 Rough Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2	7	84	0.37
Phase 1 Rough Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1	8	367	0.4
Phase 1 Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2	8	84	0.37
Phase 1 Paving	Rollers	Diesel	Tier 4 Final	1	8	36	0.38
Phase 1 Building Demolition Debris Haul	Tractors/Loaders/Backhoes	Diesel	Average	0	8	84	0.37
Phase 1 Building Demolition Debris Haul	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 1 Building Demolition Debris Haul	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 1 Asphalt Demolition	Tractors/Loaders/Backhoes	Diesel	Average	0	8	84	0.37
Phase 1 Asphalt Demolition Debris Haul	Tractors/Loaders/Backhoes	Diesel	Average	0	8	84	0.37
Phase 1 Asphalt Demolition Debris Haul	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 1 Asphalt Demolition Debris Haul	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 1 Fine Grading	Graders	Diesel	Tier 4 Final	1	8	148	0.41
Phase 1 Fine Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2	7	84	0.37
Phase 1 Fine Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1	8	367	0.4
Phase 1 Building Demolition	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 1 Building Demolition	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 1 Asphalt Demolition	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 1 Asphalt Demolition	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 1 Site Preparation	Graders	Diesel	Average	0	8	148	0.41
Phase 1 Site Preparation	Rubber Tired Dozers	Diesel	Average	0	7	367	0.4
Phase 1 Building Construction	Cranes	Diesel	Tier 4 Final	1	6	367	0.29
Phase 1 Building Construction	Forklifts	Diesel	Tier 4 Final	1	6	82	0.2
Phase 1 Building Construction	Generator Sets	Diesel	Average	1	8	14	0.74
Phase 1 Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1	6	84	0.37
Phase 1 Building Construction	Welders	Diesel	Tier 4 Final	3	8	46	0.45
Phase 1 Paving	Cement and Mortar Mixers	Diesel	Average	0	6	10	0.56
Phase 1 Paving	Pavers	Diesel	Average	0	6	81	0.42
Phase 1 Paving	Paving Equipment	Diesel	Average	0	8	89	0.36

Phase 1 Architectural Coating	Air Compressors	Diesel	Average	0	6	37	0.48
Phase 1 Building Demolition	Forklifts	Diesel	Tier 4 Final	2	8	82	0.2
Phase 1 Building Demolition	Skid Steer Loaders	Diesel	Tier 4 Final	2	8	71	0.37
Phase 1 Site Preparation	Rollers	Diesel	Tier 4 Final	1	8	36	0.38
Phase 1 Architectural Coating	Generator Sets	Diesel	Average	2	8	14	0.74
Phase 1 Utility Trenching	Excavators	Diesel	Tier 4 Final	1	8	36	0.38
Phase 1 Finishing/Landscaping	Excavators	Diesel	Tier 4 Final	1	8	36	0.38

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 1 Building Demolition				
Phase 1 Building Demolition	Worker	12.5	18.5	LDA,LDT1,LDT2
Phase 1 Building Demolition	Vendor	8	10.2	HHDT,MHDT
Phase 1 Building Demolition	Hauling	0	20	HHDT
Phase 1 Building Demolition	Onsite truck	0		HHDT
Phase 1 Site Preparation				
Phase 1 Site Preparation	Worker	12.5	18.5	LDA,LDT1,LDT2
Phase 1 Site Preparation	Vendor	10	10.2	HHDT,MHDT
Phase 1 Site Preparation	Hauling	0	20	HHDT
Phase 1 Site Preparation	Onsite truck	0		HHDT
Phase 1 Rough Grading				
Phase 1 Rough Grading	Worker	10	18.5	LDA,LDT1,LDT2
Phase 1 Rough Grading	Vendor	10	10.2	HHDT,MHDT
Phase 1 Rough Grading	Hauling	0	20	HHDT
Phase 1 Rough Grading	Onsite truck	0		HHDT
Phase 1 Paving				
Phase 1 Paving	Worker	7.5	18.5	LDA,LDT1,LDT2
Phase 1 Paving	Vendor	0	10.2	HHDT,MHDT
Phase 1 Paving	Hauling	0	20	HHDT
Phase 1 Paving	Onsite truck	0		HHDT
Phase 1 Building Demolition Debris Haul				
Phase 1 Building Demolition Debris Haul	Worker	0	18.5	LDA,LDT1,LDT2
Phase 1 Building Demolition Debris Haul	Vendor	0	10.2	HHDT,MHDT
Phase 1 Building Demolition Debris Haul	Hauling	4	20	HHDT
Phase 1 Building Demolition Debris Haul	Onsite truck	0		HHDT
Phase 1 Asphalt Demolition				
Phase 1 Asphalt Demolition	Worker	0	18.5	LDA,LDT1,LDT2
Phase 1 Asphalt Demolition	Vendor	0	10.2	HHDT,MHDT
Phase 1 Asphalt Demolition	Hauling	0	20	HHDT
Phase 1 Asphalt Demolition	Onsite truck	0		HHDT
Phase 1 Asphalt Demolition Debris Haul				
Phase 1 Asphalt Demolition Debris Haul	Worker	0	18.5	LDA,LDT1,LDT2
Phase 1 Asphalt Demolition Debris Haul	Vendor	0	10.2	HHDT,MHDT
Phase 1 Asphalt Demolition Debris Haul	Hauling	2	20	HHDT
Phase 1 Asphalt Demolition Debris Haul	Onsite truck	0		HHDT
Phase 1 Fine Grading				
Phase 1 Fine Grading	Worker	10	18.5	LDA,LDT1,LDT2
Phase 1 Fine Grading	Vendor	10	10.2	HHDT,MHDT
Phase 1 Fine Grading	Hauling	0	20	HHDT
Phase 1 Fine Grading	Onsite truck	0		HHDT
Phase 1 Architectural Coating				
Phase 1 Architectural Coating	Worker	2.05	18.5	LDA,LDT1,LDT2
Phase 1 Architectural Coating	Vendor	0	10.2	HHDT,MHDT
Phase 1 Architectural Coating	Hauling	0	20	HHDT
Phase 1 Architectural Coating	Onsite truck	0		HHDT
Phase 1 Utility Trenching				
Phase 1 Utility Trenching	Worker	2.5	18.5	LDA,LDT1,LDT2
Phase 1 Utility Trenching	Vendor	0	10.2	HHDT,MHDT
Phase 1 Utility Trenching	Hauling	0	20	HHDT
Phase 1 Utility Trenching	Onsite truck	0		HHDT
Phase 1 Finishing/Landscaping				
Phase 1 Finishing/Landscaping	Worker	2.5	18.5	LDA,LDT1,LDT2
Phase 1 Finishing/Landscaping	Vendor	0	10.2	HHDT,MHDT
Phase 1 Finishing/Landscaping	Hauling	0	20	HHDT
Phase 1 Finishing/Landscaping	Onsite truck	0		HHDT
Phase 1 Building Construction				
Phase 1 Building Construction	Worker	10.3	18.5	LDA,LDT1,LDT2
Phase 1 Building Construction	Vendor	4	10.2	HHDT,MHDT
Phase 1 Building Construction	Hauling	0	20	HHDT
Phase 1 Building Construction	Onsite truck	0		HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 1 Building Demolition				
Phase 1 Building Demolition	Worker	12.5	18.5	LDA,LDT1,LDT2
Phase 1 Building Demolition	Vendor	8	10.2	HHDT,MHDT
Phase 1 Building Demolition	Hauling	0	20	HHDT
Phase 1 Building Demolition	Onsite truck	0		HHDT
Phase 1 Site Preparation				
Phase 1 Site Preparation	Worker	12.5	18.5	LDA,LDT1,LDT2
Phase 1 Site Preparation	Vendor	10	10.2	HHDT,MHDT
Phase 1 Site Preparation	Hauling	0	20	HHDT
Phase 1 Site Preparation	Onsite truck	0		HHDT
Phase 1 Rough Grading				
Phase 1 Rough Grading	Worker	10	18.5	LDA,LDT1,LDT2
Phase 1 Rough Grading	Vendor	10	10.2	HHDT,MHDT
Phase 1 Rough Grading	Hauling	0	20	HHDT
Phase 1 Rough Grading	Onsite truck	0		HHDT
Phase 1 Paving				
Phase 1 Paving	Worker	7.5	18.5	LDA,LDT1,LDT2
Phase 1 Paving	Vendor	0	10.2	HHDT,MHDT
Phase 1 Paving	Hauling	0	20	HHDT

Phase 1 Paving	Onsite truck		0		HHDT
Phase 1 Building Demolition Debris Haul					
Phase 1 Building Demolition Debris Haul	Worker		0	18.5	LDA,LDT1,LDT2
Phase 1 Building Demolition Debris Haul	Vendor		0	10.2	HHDT,MHDT
Phase 1 Building Demolition Debris Haul	Hauling		4	20	HHDT
Phase 1 Building Demolition Debris Haul	Onsite truck		0		HHDT
Phase 1 Asphalt Demolition					
Phase 1 Asphalt Demolition	Worker		0	18.5	LDA,LDT1,LDT2
Phase 1 Asphalt Demolition	Vendor		0	10.2	HHDT,MHDT
Phase 1 Asphalt Demolition	Hauling		0	20	HHDT
Phase 1 Asphalt Demolition	Onsite truck		0		HHDT
Phase 1 Asphalt Demolition Debris Haul					
Phase 1 Asphalt Demolition Debris Haul	Worker		0	18.5	LDA,LDT1,LDT2
Phase 1 Asphalt Demolition Debris Haul	Vendor		0	10.2	HHDT,MHDT
Phase 1 Asphalt Demolition Debris Haul	Hauling		2	20	HHDT
Phase 1 Asphalt Demolition Debris Haul	Onsite truck		0		HHDT
Phase 1 Fine Grading					
Phase 1 Fine Grading	Worker		10	18.5	LDA,LDT1,LDT2
Phase 1 Fine Grading	Vendor		10	10.2	HHDT,MHDT
Phase 1 Fine Grading	Hauling		0	20	HHDT
Phase 1 Fine Grading	Onsite truck		0		HHDT
Phase 1 Architectural Coating					
Phase 1 Architectural Coating	Worker		2.05	18.5	LDA,LDT1,LDT2
Phase 1 Architectural Coating	Vendor		0	10.2	HHDT,MHDT
Phase 1 Architectural Coating	Hauling		0	20	HHDT
Phase 1 Architectural Coating	Onsite truck		0		HHDT
Phase 1 Utility Trenching					
Phase 1 Utility Trenching	Worker		2.5	18.5	LDA,LDT1,LDT2
Phase 1 Utility Trenching	Vendor		0	10.2	HHDT,MHDT
Phase 1 Utility Trenching	Hauling		0	20	HHDT
Phase 1 Utility Trenching	Onsite truck		0		HHDT
Phase 1 Finishing/Landscaping					
Phase 1 Finishing/Landscaping	Worker		2.5	18.5	LDA,LDT1,LDT2
Phase 1 Finishing/Landscaping	Vendor		0	10.2	HHDT,MHDT
Phase 1 Finishing/Landscaping	Hauling		0	20	HHDT
Phase 1 Finishing/Landscaping	Onsite truck		0		HHDT
Phase 1 Building Construction					
Phase 1 Building Construction	Worker		10.3	18.5	LDA,LDT1,LDT2
Phase 1 Building Construction	Vendor		4	10.2	HHDT,MHDT
Phase 1 Building Construction	Hauling		0	20	HHDT
Phase 1 Building Construction	Onsite truck		0		HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55	55
Limit vehicle speeds on unpaved roads to 25 mph	44	44
Sweep paved roads once per month	9	9

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coate	Residential Exterior Area Coa	Non-Residential Interior Are	Non-Residential Exterior Are	Parking Area Coated (sq ft)
Phase 1 Architectural Coating	0	0	38646	12882	2790

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards	Material Exported (Cubic Yar	Acres Graded (acres)	Material Demolished (Ton of	Acres Paved (acres)	
Phase 1 Building Demolition	0	0	0	0		
Phase 1 Building Demolition Debris Haul	0	0	0	507		
Phase 1 Asphalt Demolition	0	0	0	0		
Phase 1 Asphalt Demolition Debris Haul	0	0	0	523		
Phase 1 Site Preparation	0	0	0	0		
Phase 1 Rough Grading	0	0	7	0		
Phase 1 Fine Grading	0	0	6	0		
Phase 1 Paving	0	0	0	0		1.66

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61	61
Water Demolished Area	2	36	36

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Elementary School	0	0
Parking Lot	0.73	100
Other Asphalt Surfaces	0.24	100
Other Non-Asphalt Surfaces	0.07	0
Other Non-Asphalt Surfaces	0.62	0

5.8. Construction Electricity Consumption and Emissions Factors

Year	kWh per Year	CO2	CH4	N2O
2023	0	450	0.03	< 0.005
2024	0	450	0.03	< 0.005

8. User Changes to Default Data

Screen	Justification
Characteristics: Project Details	
Characteristics: Utility Information	SCE 2021 Sustainability Report
Land Use	based on information from District
Construction: Construction Phases	based on CalEEMod default construction schedule, normalized to fit schedule provided by District
Construction: Off-Road Equipment	based on equipment list provided by applicant. CalEEMod defaults used for grading activities and building construction
Construction: Trips and VMT	See assumptions file for water truck calculations and demolition haul calculations
Construction: Architectural Coatings	South Coast Rule 1113 applied. Includes coating for renovated library. Parking area only includes area to be striped.
Construction: Electricity	SCE 2021 Sustainability Report

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	McKinley Elementary School Mitigated Construction (Phase 2)
Lead Agency	
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.7
Precipitation (days)	18.4
Location	34.032286176402195, -118.47783688338554
County	Los Angeles-South Coast
City	Santa Monica
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4409
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Are	Landscape A	Special Lanc	Population	Description
Elementary School	4.37	1000sqft	0.1	4370	0	0		
Other Asphalt Surfaces	2.44	1000sqft	0.06	0	0			
Other Non-Asphalt Surfaces	29.7	1000sqft	0.68	0	29720			
Other Non-Asphalt Surfaces	86.7	1000sqft	1.99	0	0			

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Un/Mit.	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Daily, Summer (Max)																		
Unmit.	2.63	2.19	20.2	25.1	0.04	0.86	3.23	4.09	0.79	1.45	2.24		4704	4704	0.19	0.17	3.76	4750
Mit.	0.52	0.48	5.24	25.3	0.04	0.08	3.23	3.31	0.08	1.45	1.53		4704	4704	0.19	0.17	3.76	4750
% Reduced	80.4	78.2	74	−0.81		90.8		19.1	90.5		31.9							
Daily, Winter (Max)																		
Unmit.	2.12	4.45	14.8	19.4	0.03	0.51	0.17	0.69	0.47	0.04	0.51		3386	3386	0.14	0.04	0.02	3400
Mit.	0.53	3.18	6.87	21	0.03	0.09	0.17	0.26	0.09	0.04	0.13		3386	3386	0.14	0.04	0.02	3400
% Reduced	75	28.5	53.6	−8.08		82.7		61.8	81.7		75.2							
Average Daily (Max)																		
Unmit.	0.99	0.93	7.04	8.32	0.02	0.25	0.22	0.37	0.23	0.08	0.24		1564	1564	0.06	0.02	0.13	1570
Mit.	0.25	0.35	3.17	9.36	0.02	0.05	0.22	0.24	0.05	0.08	0.1		1564	1564	0.06	0.02	0.13	1570
% Reduced	74.3	62.7	55	−12.5		80.5		34.7	79.6		56.2							
Annual (Max)																		
Unmit.	0.18	0.17	1.28	1.52	< 0.005	0.05	0.04	0.07	0.04	0.01	0.04		259	259	0.01	< 0.005	0.02	260
Mit.	0.05	0.06	0.58	1.71	< 0.005	0.01	0.04	0.04	0.01	0.01	0.02		259	259	0.01	< 0.005	0.02	260
% Reduced	74.3	62.7	55	−12.5		80.5		34.7	79.6		56.2							

2.2. Construction Emissions by Year, Unmitigated

Year	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Daily - Summer (Max)																		
2025	2.63	2.19	20.2	25.1	0.04	0.86	3.23	4.09	0.79	1.45	2.24		4704	4704	0.19	0.17	3.76	4750
2026	1.42	1.19	10.1	11.9	0.02	0.36	0.03	0.39	0.33	0.01	0.34		2248	2248	0.09	0.02	0.14	2257
Daily - Winter (Max)																		
2025	1.5	1.25	10.6	12	0.02	0.4	0.03	0.43	0.37	0.01	0.38		2248	2248	0.09	0.02	< 0.005	2257
2026	2.12	4.45	14.8	19.4	0.03	0.51	0.17	0.69	0.47	0.04	0.51		3386	3386	0.14	0.04	0.02	3400
Average Daily																		
2025	0.53	0.44	3.92	4.64	0.01	0.15	0.22	0.37	0.14	0.08	0.22		891	891	0.04	0.02	0.13	897
2026	0.99	0.93	7.04	8.32	0.02	0.25	0.03	0.28	0.23	0.01	0.24		1564	1564	0.06	0.02	0.05	1570
Annual																		
2025	0.1	0.08	0.71	0.85	< 0.005	0.03	0.04	0.07	0.03	0.01	0.04		147	147	0.01	< 0.005	0.02	149
2026	0.18	0.17	1.28	1.52	< 0.005	0.05	< 0.005	0.05	0.04	< 0.005	0.04		259	259	0.01	< 0.005	0.01	260

2.3. Construction Emissions by Year, Mitigated

Year	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Daily - Summer (Max)																		
2025	0.52	0.48	5.24	25.3	0.04	0.08	3.23	3.31	0.08	1.45	1.53		4704	4704	0.19	0.17	3.76	4750
2026	0.37	0.34	4.56	13.4	0.02	0.07	0.03	0.1	0.07	0.01	0.08		2248	2248	0.09	0.02	0.14	2257
Daily - Winter (Max)																		
2025	0.37	0.35	4.57	13.4	0.02	0.07	0.03	0.1	0.07	0.01	0.08		2248	2248	0.09	0.02	< 0.005	2257
2026	0.53	3.18	6.87	21	0.03	0.09	0.17	0.26	0.09	0.04	0.13		3386	3386	0.14	0.04	0.02	3400
Average Daily																		
2025	0.13	0.12	1.4	5.02	0.01	0.02	0.22	0.24	0.02	0.08	0.1		891	891	0.04	0.02	0.13	897
2026	0.25	0.35	3.17	9.36	0.02	0.05	0.03	0.07	0.05	0.01	0.05		1564	1564	0.06	0.02	0.05	1570
Annual																		
2025	0.02	0.02	0.26	0.92	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.02		147	147	0.01	< 0.005	0.02	149
2026	0.05	0.06	0.58	1.71	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01		259	259	0.01	< 0.005	0.01	260

3. Construction Emissions Details

3.2. Demolition (2025) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.13	0.13	1.24	9.21	0.01	0.02		0.02	0.02		0.02		1318	1318	0.05	0.01		1322
Demolition							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	0.01	0.01	0.1	0.76	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		108	108	< 0.005	< 0.005		109
Demolition							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	< 0.005	< 0.005	0.02	0.14	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		17.9	17.9	< 0.005	< 0.005		18
Demolition							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0.07	0.06	0.06	1.04	0	0	0.2	0.2	0	0.05	0.05		207	207	0.01	0.01	0.76	210
Vendor	0.02	0.01	0.29	0.14	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02		254	254	0.01	0.04	0.69	265
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Worker	0.01	0.01	0.01	0.08	0	0	0.02	0.02	0	< 0.005	< 0.005		16.4	16.4	< 0.005	< 0.005	0.03	16.6
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005		20.9	20.9	< 0.005	< 0.005	0.02	21.8
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Worker	< 0.005	< 0.005	< 0.005	0.01	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		2.71	2.71	< 0.005	< 0.005	< 0.005	2.75
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		3.45	3.45	< 0.005	< 0.005	< 0.005	3.61
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0

3.4. Demolition (2025) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolition								0.01	0.01		< 0.005	< 0.005						
Onsite truck		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolition								< 0.005	< 0.005		< 0.005	< 0.005						
Onsite truck		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Off-Road Equipment		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolition								< 0.005	< 0.005		< 0.005	< 0.005						
Onsite truck		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0.01	< 0.005	0.09	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	69.3	69.3	< 0.005	0.01	0.16	72.8	
Daily, Winter (Max)																		
Average Daily																		
Worker		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	5.69	5.69	< 0.005	< 0.005	0.01	5.97	
Annual																		
Worker		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.94	0.94	< 0.005	< 0.005	< 0.005	0.99	

3.6. Demolition (2025) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolition								0	0		0	0						
Onsite truck		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolition								0	0		0	0						
Onsite truck		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Off-Road Equipment		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolition								0	0		0	0						
Onsite truck		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Worker		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Worker		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3.8. Demolition (2025) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolition								0.5	0.5		0.08	0.08						
Onsite truck		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolition								0.04	0.04		0.01	0.01						
Onsite truck		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Off-Road Equipment		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demolition								0.01	0.01		< 0.005	< 0.005						
Onsite truck		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0.02	< 0.005	0.34	0.13	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	277	277	0.02	0.04	0.64	291	
Daily, Winter (Max)																		
Average Daily																		
Worker		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	22.8	22.8	< 0.005	< 0.005	0.02	23.9	
Annual																		
Worker		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vendor		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	3.77	3.77	< 0.005	< 0.005	< 0.005	3.96	

3.10. Site Preparation (2025) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.13	0.13	1.23	9.1	0.01	0.02		0.02	0.02		0.02		1303	1303	0.05	0.01		1308
Dust From Material Movement							0	0		0	0							
Onsite truck		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	< 0.005	< 0.005	0.02	0.12	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		17.9	17.9	< 0.005	< 0.005		17.9
Dust From Material Movement							0	0		0	0							
Onsite truck		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		2.96	2.96	< 0.005	< 0.005		2.97
Dust From Material Movement							0	0		0	0							
Onsite truck		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite																		

Daily, Summer (Max)																						
Worker	0.06	0.05	0.05	0.87	0	0	0.16	0.16	0	0.04	0.04		173	173	0.01	0.01	0.63	175				
Vendor	0.02	0.01	0.36	0.18	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03		317	317	0.01	0.04	0.87	332				
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0				
Daily, Winter (Max)																						
Average Daily																						
Worker	< 0.005	< 0.005	< 0.005	0.01	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		2.28	2.28	< 0.005	< 0.005	< 0.005	2.31				
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		4.35	4.35	< 0.005	< 0.005	0.01	4.54				
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0				
Annual																						
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		0.38	0.38	< 0.005	< 0.005	< 0.005	0.38				
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		0.72	0.72	< 0.005	< 0.005	< 0.005	0.75				
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0				

3.12. Grading (2025) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.23	0.23	1.2	14.2	0.02	0.05		0.05	0.05		0.05		2455	2455	0.1	0.02		2463
Dust From Material Movement							2.76	2.76		1.34	1.34							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	0.01	0.01	0.03	0.35	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		60.5	60.5	< 0.005	< 0.005		60.7
Dust From Material Movement							0.07	0.07		0.03	0.03							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	< 0.005	< 0.005	0.01	0.06	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		10	10	< 0.005	< 0.005		10.1
Dust From Material Movement							0.01	0.01		0.01	0.01							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0.05	0.04	0.04	0.7	0	0	0.13	0.13	0	0.03	0.03		138	138	0.01	< 0.005	0.51	140
Vendor	0.02	0.01	0.36	0.18	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03		317	317	0.01	0.04	0.87	332
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Worker	< 0.005	< 0.005	< 0.005	0.02	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		3.28	3.28	< 0.005	< 0.005	0.01	3.32
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		7.82	7.82	< 0.005	< 0.005	0.01	8.17
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		0.54	0.54	< 0.005	< 0.005	< 0.005	0.55
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		1.3	1.3	< 0.005	< 0.005	< 0.005	1.35
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0

3.14. Grading (2025) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.23	0.23	1.2	14.2	0.02	0.05		0.05	0.05		0.05		2455	2455	0.1	0.02		2463
Dust From Material Movement							2.76	2.76		1.34	1.34							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	0.01	0.01	0.03	0.31	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		53.8	53.8	< 0.005	< 0.005		54
Dust From Material Movement							0.06	0.06		0.03	0.03							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.06	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		8.91	8.91	< 0.005	< 0.005		8.94
Dust From Material Movement							0.01	0.01		0.01	0.01							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0.05	0.04	0.04	0.7	0	0	0.13	0.13	0	0.03	0.03		138	138	0.01	< 0.005	0.51	140
Vendor	0.02	0.01	0.36	0.18	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03		317	317	0.01	0.04	0.87	332
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Worker	< 0.005	< 0.005	< 0.005	0.01	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		2.92	2.92	< 0.005	< 0.005	< 0.005	2.95
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		6.95	6.95	< 0.005	< 0.005	0.01	7.26
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		0.48	0.48	< 0.005	< 0.005	< 0.005	0.49
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		1.15	1.15	< 0.005	< 0.005	< 0.005	1.2
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0

3.16. Building Construction (2025) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.36	0.34	4.53	13.3	0.02	0.07		0.07	0.07		0.07		2201	2201	0.09	0.02		2209
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Off-Road Equipment	0.36	0.34	4.53	13.3	0.02	0.07		0.07	0.07		0.07		2201	2201	0.09	0.02		2209
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Average Daily																		
Off-Road Equipment	0.09	0.08	1.12	3.28	0.01	0.02		0.02	0.02		0.02		543	543	0.02	< 0.005		545
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	0.02	0.02	0.2	0.6	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		89.9	89.9	< 0.005	< 0.005		90.2
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0.01	0.01	0.01	0.13	0	0	0.02	0.02	0	0.01	0.01		25.4	25.4	< 0.005	< 0.005	0.09	25.8
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005		22.7	22.7	< 0.005	< 0.005	0.06	23.8
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Worker	0.01	0.01	0.01	0.11	0	0	0.02	0.02	0	0.01	0.01		24.1	24.1	< 0.005	< 0.005	< 0.005	24.4
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005		22.7	22.7	< 0.005	< 0.005	< 0.005	23.7
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Average Daily																		
Worker	< 0.005	< 0.005	< 0.005	0.03	0	0	0.01	0.01	0	< 0.005	< 0.005		6.02	6.02	< 0.005	< 0.005	0.01	6.1
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		5.6	5.6	< 0.005	< 0.005	0.01	5.85
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Worker	< 0.005	< 0.005	< 0.005	0.01	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		1	1	< 0.005	< 0.005	< 0.005	1.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		0.93	0.93	< 0.005	< 0.005	< 0.005	0.97
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0

3.18. Building Construction (2026) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e

Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.36	0.34	4.53	13.3	0.02	0.07		0.07	0.07		0.07	2201	2201	0.09	0.02		2208	
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily, Winter (Max)																		
Off-Road Equipment	0.36	0.34	4.53	13.3	0.02	0.07		0.07	0.07		0.07	2201	2201	0.09	0.02		2208	
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Daily																		
Off-Road Equipment	0.24	0.23	3.07	9	0.02	0.05		0.05	0.05		0.05	1490	1490	0.06	0.01		1495	
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Off-Road Equipment	0.04	0.04	0.56	1.64	< 0.005	0.01		0.01	0.01		0.01	247	247	0.01	< 0.005		248	
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0.01	0.01	0.01	0.12	0	0	0.02	0.02	0	0.01	0.01	24.9	24.9	< 0.005	< 0.005	0.08	25.2	
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	22.3	22.3	< 0.005	< 0.005	0.06	23.4	
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily, Winter (Max)																		
Worker	0.01	0.01	0.01	0.1	0	0	0.02	0.02	0	0.01	0.01	23.6	23.6	< 0.005	< 0.005	< 0.005	23.9	
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	22.3	22.3	< 0.005	< 0.005	< 0.005	23.3	
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Daily																		
Worker	0.01	< 0.005	0.01	0.07	0	0	0.02	0.02	0	< 0.005	< 0.005	16.2	16.2	< 0.005	< 0.005	0.02	16.4	
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	15.1	15.1	< 0.005	< 0.005	0.02	15.8	
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Worker	< 0.005	< 0.005	< 0.005	0.01	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005	2.68	2.68	< 0.005	< 0.005	< 0.005	2.72	
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	2.5	2.5	< 0.005	< 0.005	< 0.005	2.62	
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3.20. Paving (2026) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Daily, Winter (Max)																		
Off-Road Equipment	0.08	0.08	0.95	5.05	0.01	0.01		0.01	0.01		0.01	722	722	0.03	0.01		725	
Paving		0.01																
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Daily																		
Off-Road Equipment	< 0.005	< 0.005	0.04	0.21	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005	29.7	29.7	< 0.005	< 0.005		29.8	
Paving		< 0.005																
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Off-Road Equipment	< 0.005	< 0.005	0.01	0.04	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005	4.91	4.91	< 0.005	< 0.005		4.93	
Paving		< 0.005																
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Daily, Winter (Max)																		
Worker	0.03	0.03	0.03	0.41	0	0	0.1	0.1	0	0.02	0.02	96.3	96.3	< 0.005	< 0.005	0.01	97.5	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Daily																		
Worker	< 0.005	< 0.005	< 0.005	0.02	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005	4.02	4.02	< 0.005	< 0.005	0.01	4.07	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005	0.67	0.67	< 0.005	< 0.005	< 0.005	0.67	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3.22. Architectural Coating (2026) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Daily, Winter (Max)																		
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005	134	134	0.01	< 0.005		134	
Architectural Coatings		2.67																
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Daily																		
Off-Road Equipment	< 0.005	< 0.005	0.03	0.04	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005	5.49	5.49	< 0.005	< 0.005		5.51	
Architectural Coatings		0.11																
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005	0.91	0.91	< 0.005	< 0.005		0.91	
Architectural Coatings		0.02																
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Daily, Winter (Max)																		
Worker	< 0.005	< 0.005	< 0.005	0.06	0	0	0.01	0.01	0	< 0.005	< 0.005	12.8	12.8	< 0.005	< 0.005	< 0.005	13	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Daily																		
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005	0.54	0.54	< 0.005	< 0.005	< 0.005	0.54	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005	0.09	0.09	< 0.005	< 0.005	< 0.005	0.09	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3.24. Trenching (2025) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.02	0.02	0.66	0.99	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005	142	142	0.01	< 0.005		142	
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005	1.94	1.94	< 0.005	< 0.005		1.95	
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005	0.32	0.32	< 0.005	< 0.005		0.32	
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0.01	0.01	0.01	0.17	0	0	0.03	0.03	0	0.01	0.01	34.6	34.6	< 0.005	< 0.005	0.13	35.1	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Daily, Winter (Max)																						
Average Daily																						
Worker	< 0.005	< 0.005	< 0.005	< 0.005		0	0	< 0.005	< 0.005		0	< 0.005	< 0.005		0.46	0.46	< 0.005	< 0.005	< 0.005		0.46
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																						
Worker	< 0.005	< 0.005	< 0.005	< 0.005		0	0	< 0.005	< 0.005		0	< 0.005	< 0.005		0.08	0.08	< 0.005	< 0.005	< 0.005		0.08
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3.26. Trenching (2026) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Daily, Winter (Max)																		
Off-Road Equipment	0.02	0.02	0.66	0.99	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		142	142	0.01	< 0.005		142
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Daily																		
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		1.94	1.94	< 0.005	< 0.005		1.95
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		0.32	0.32	< 0.005	< 0.005		0.32
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Daily, Winter (Max)																		
Worker	0.01	0.01	0.01	0.14	0	0	0.03	0.03	0	0.01	0.01		32.1	32.1	< 0.005	< 0.005	< 0.005	32.5
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Daily																		
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		0.45	0.45	< 0.005	< 0.005	< 0.005	0.45
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																		
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		0.07	0.07	< 0.005	< 0.005	< 0.005	0.07
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Phase 2 Building Demolition	Demolition	6/15/2025	7/25/2025	5	30	
Phase 2 Building Demolition Debris Haul	Demolition	6/15/2025	7/25/2025	5	30	
Phase 2 Asphalt Demolition	Demolition	6/15/2025	7/25/2025	5	30	
Phase 2 Asphalt Demolition Debris Haul	Demolition	6/15/2025	7/25/2025	5	30	
Phase 2 Site Preparation	Site Preparation	7/25/2025	7/31/2025	5	5	
Phase 2 Rough Grading	Grading	7/31/2025	8/12/2025	5	9	
Phase 2 Fine Grading	Grading	8/13/2025	8/22/2025	5	8	
Phase 2 Building Construction	Building Construction	8/28/2025	12/12/2026	5	337	
Phase 2 Paving	Paving	11/21/2026	12/12/2026	5	15	
Phase 2 Architectural Coating	Architectural Coating	11/21/2026	12/12/2026	5	15	
Phase 2 Utility Trenching	Trenching	8/22/2025	8/28/2025	5	5	
Phase 2 Finishing/Landscaping	Trenching	12/7/2026	12/12/2026	5	5	

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 2 Building Demolition	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 2 Building Demolition	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 2 Building Demolition	Tractors/Loaders/Backhoes	Diesel	Average	3	8	84	0.37
Phase 2 Site Preparation	Graders	Diesel	Average	0	8	148	0.41
Phase 2 Site Preparation	Scrapers	Diesel	Average	0	8	423	0.48
Phase 2 Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4	8	84	0.37
Phase 2 Rough Grading	Graders	Diesel	Average	1	8	148	0.41
Phase 2 Rough Grading	Rubber Tired Dozers	Diesel	Average	1	8	367	0.4
Phase 2 Rough Grading	Tractors/Loaders/Backhoes	Diesel	Average	2	7	84	0.37
Phase 2 Building Construction	Cranes	Diesel	Average	1	8	367	0.29
Phase 2 Building Construction	Forklifts	Diesel	Average	2	7	82	0.2
Phase 2 Building Construction	Generator Sets	Diesel	Average	1	8	14	0.74
Phase 2 Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1	6	84	0.37
Phase 2 Building Construction	Welders	Diesel	Average	3	8	46	0.45
Phase 2 Paving	Cement and Mortar Mixers	Diesel	Average	0	8	10	0.56
Phase 2 Paving	Pavers	Diesel	Average	0	8	81	0.42
Phase 2 Paving	Paving Equipment	Diesel	Average	0	8	89	0.36
Phase 2 Paving	Rollers	Diesel	Average	1	8	36	0.38
Phase 2 Paving	Tractors/Loaders/Backhoes	Diesel	Average	2	8	84	0.37
Phase 2 Architectural Coating	Air Compressors	Diesel	Average	1	6	37	0.48
Phase 2 Building Demolition Debris Haul	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 2 Building Demolition Debris Haul	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 2 Building Demolition Debris Haul	Tractors/Loaders/Backhoes	Diesel	Average	0	8	84	0.37
Phase 2 Asphalt Demolition	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 2 Asphalt Demolition	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 2 Asphalt Demolition	Tractors/Loaders/Backhoes	Diesel	Average	0	8	84	0.37
Phase 2 Asphalt Demolition Debris Haul	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 2 Asphalt Demolition Debris Haul	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 2 Asphalt Demolition Debris Haul	Tractors/Loaders/Backhoes	Diesel	Average	0	8	84	0.37
Phase 2 Fine Grading	Graders	Diesel	Average	1	8	148	0.41
Phase 2 Fine Grading	Rubber Tired Dozers	Diesel	Average	1	8	367	0.4
Phase 2 Fine Grading	Tractors/Loaders/Backhoes	Diesel	Average	2	7	84	0.37
Phase 2 Building Demolition	Forklifts	Diesel	Average	2	8	82	0.2
Phase 2 Site Preparation	Rollers	Diesel	Average	1	8	36	0.38
Phase 2 Utility Trenching	Excavators	Diesel	Average	1	8	36	0.38
Phase 2 Finishing/Landscaping	Excavators	Diesel	Average	1	8	36	0.38
Phase 2 Building Demolition	Excavators	Diesel	Average	1	8	36	0.38

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 2 Building Demolition	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 2 Building Demolition	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 2 Building Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3	8	84	0.37
Phase 2 Site Preparation	Graders	Diesel	Average	0	8	148	0.41
Phase 2 Site Preparation	Scrapers	Diesel	Average	0	8	423	0.48
Phase 2 Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4	8	84	0.37
Phase 2 Rough Grading	Graders	Diesel	Tier 4 Final	1	8	148	0.41
Phase 2 Rough Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1	8	367	0.4
Phase 2 Rough Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2	7	84	0.37
Phase 2 Building Construction	Cranes	Diesel	Tier 4 Final	1	8	367	0.29
Phase 2 Building Construction	Forklifts	Diesel	Tier 4 Final	2	7	82	0.2
Phase 2 Building Construction	Generator Sets	Diesel	Average	1	8	14	0.74
Phase 2 Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1	6	84	0.37
Phase 2 Building Construction	Welders	Diesel	Tier 4 Final	3	8	46	0.45
Phase 2 Paving	Cement and Mortar Mixers	Diesel	Average	0	8	10	0.56
Phase 2 Paving	Pavers	Diesel	Average	0	8	81	0.42
Phase 2 Paving	Paving Equipment	Diesel	Average	0	8	89	0.36
Phase 2 Paving	Rollers	Diesel	Tier 4 Final	1	8	36	0.38
Phase 2 Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2	8	84	0.37
Phase 2 Architectural Coating	Air Compressors	Diesel	Tier 4 Final	1	6	37	0.48
Phase 2 Building Demolition Debris Haul	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 2 Building Demolition Debris Haul	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 2 Building Demolition Debris Haul	Tractors/Loaders/Backhoes	Diesel	Average	0	8	84	0.37
Phase 2 Asphalt Demolition	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 2 Asphalt Demolition	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 2 Asphalt Demolition	Tractors/Loaders/Backhoes	Diesel	Average	0	8	84	0.37
Phase 2 Asphalt Demolition Debris Haul	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 2 Asphalt Demolition Debris Haul	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 2 Asphalt Demolition Debris Haul	Tractors/Loaders/Backhoes	Diesel	Average	0	8	84	0.37
Phase 2 Fine Grading	Graders	Diesel	Tier 4 Final	1	8	148	0.41
Phase 2 Fine Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1	8	367	0.4
Phase 2 Fine Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2	7	84	0.37

Phase 2 Building Demolition	Forklifts	Diesel	Tier 4 Final	2	8	82	0.2
Phase 2 Site Preparation	Rollers	Diesel	Tier 4 Final	1	8	36	0.38
Phase 2 Utility Trenching	Excavators	Diesel	Tier 4 Final	1	8	36	0.38
Phase 2 Finishing/Landscaping	Excavators	Diesel	Tier 4 Final	1	8	36	0.38
Phase 2 Building Demolition	Excavators	Diesel	Tier 4 Final	1	8	36	0.38

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 2 Building Demolition				
Phase 2 Building Demolition	Worker	15	18.5	LDA,LDT1,LDT2
Phase 2 Building Demolition	Vendor	8	10.2	HHDT,MHDT
Phase 2 Building Demolition	Hauling	0	20	HHDT
Phase 2 Building Demolition	Onsite truck	0		HHDT
Phase 2 Site Preparation				
Phase 2 Site Preparation	Worker	12.5	18.5	LDA,LDT1,LDT2
Phase 2 Site Preparation	Vendor	10	10.2	HHDT,MHDT
Phase 2 Site Preparation	Hauling	0	20	HHDT
Phase 2 Site Preparation	Onsite truck	0		HHDT
Phase 2 Rough Grading				
Phase 2 Rough Grading	Worker	10	18.5	LDA,LDT1,LDT2
Phase 2 Rough Grading	Vendor	10	10.2	HHDT,MHDT
Phase 2 Rough Grading	Hauling	0	20	HHDT
Phase 2 Rough Grading	Onsite truck	0		HHDT
Phase 2 Building Construction				
Phase 2 Building Construction	Worker	1.84	18.5	LDA,LDT1,LDT2
Phase 2 Building Construction	Vendor	0.72	10.2	HHDT,MHDT
Phase 2 Building Construction	Hauling	0	20	HHDT
Phase 2 Building Construction	Onsite truck	0		HHDT
Phase 2 Paving				
Phase 2 Paving	Worker	7.5	18.5	LDA,LDT1,LDT2
Phase 2 Paving	Vendor	0	10.2	HHDT,MHDT
Phase 2 Paving	Hauling	0	20	HHDT
Phase 2 Paving	Onsite truck	0		HHDT
Phase 2 Architectural Coating				
Phase 2 Architectural Coating	Worker	1	18.5	LDA,LDT1,LDT2
Phase 2 Architectural Coating	Vendor	0	10.2	HHDT,MHDT
Phase 2 Architectural Coating	Hauling	0	20	HHDT
Phase 2 Architectural Coating	Onsite truck	0		HHDT
Phase 2 Building Demolition Debris Haul				
Phase 2 Building Demolition Debris Haul	Worker	0	18.5	LDA,LDT1,LDT2
Phase 2 Building Demolition Debris Haul	Vendor	0	10.2	HHDT,MHDT
Phase 2 Building Demolition Debris Haul	Hauling	1	20	HHDT
Phase 2 Building Demolition Debris Haul	Onsite truck	0		HHDT
Phase 2 Asphalt Demolition				
Phase 2 Asphalt Demolition	Worker	0	18.5	LDA,LDT1,LDT2
Phase 2 Asphalt Demolition	Vendor	0	10.2	HHDT,MHDT
Phase 2 Asphalt Demolition	Hauling	0	20	HHDT
Phase 2 Asphalt Demolition	Onsite truck	0		HHDT
Phase 2 Asphalt Demolition Debris Haul				
Phase 2 Asphalt Demolition Debris Haul	Worker	0	18.5	LDA,LDT1,LDT2
Phase 2 Asphalt Demolition Debris Haul	Vendor	0	10.2	HHDT,MHDT
Phase 2 Asphalt Demolition Debris Haul	Hauling	4	20	HHDT
Phase 2 Asphalt Demolition Debris Haul	Onsite truck	0		HHDT
Phase 2 Fine Grading				
Phase 2 Fine Grading	Worker	10	18.5	LDA,LDT1,LDT2
Phase 2 Fine Grading	Vendor	10	10.2	HHDT,MHDT
Phase 2 Fine Grading	Hauling	0	20	HHDT
Phase 2 Fine Grading	Onsite truck	0		HHDT
Phase 2 Utility Trenching				
Phase 2 Utility Trenching	Worker	2.5	18.5	LDA,LDT1,LDT2
Phase 2 Utility Trenching	Vendor	0	10.2	HHDT,MHDT
Phase 2 Utility Trenching	Hauling	0	20	HHDT
Phase 2 Utility Trenching	Onsite truck	0		HHDT
Phase 2 Finishing/Landscaping				
Phase 2 Finishing/Landscaping	Worker	2.5	18.5	LDA,LDT1,LDT2
Phase 2 Finishing/Landscaping	Vendor	0	10.2	HHDT,MHDT
Phase 2 Finishing/Landscaping	Hauling	0	20	HHDT
Phase 2 Finishing/Landscaping	Onsite truck	0		HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 2 Building Demolition				
Phase 2 Building Demolition	Worker	15	18.5	LDA,LDT1,LDT2
Phase 2 Building Demolition	Vendor	8	10.2	HHDT,MHDT
Phase 2 Building Demolition	Hauling	0	20	HHDT
Phase 2 Building Demolition	Onsite truck	0		HHDT
Phase 2 Site Preparation				
Phase 2 Site Preparation	Worker	12.5	18.5	LDA,LDT1,LDT2
Phase 2 Site Preparation	Vendor	10	10.2	HHDT,MHDT
Phase 2 Site Preparation	Hauling	0	20	HHDT
Phase 2 Site Preparation	Onsite truck	0		HHDT
Phase 2 Rough Grading				
Phase 2 Rough Grading	Worker	10	18.5	LDA,LDT1,LDT2
Phase 2 Rough Grading	Vendor	10	10.2	HHDT,MHDT
Phase 2 Rough Grading	Hauling	0	20	HHDT
Phase 2 Rough Grading	Onsite truck	0		HHDT
Phase 2 Building Construction				
Phase 2 Building Construction	Worker	1.84	18.5	LDA,LDT1,LDT2
Phase 2 Building Construction	Vendor	0.72	10.2	HHDT,MHDT
Phase 2 Building Construction	Hauling	0	20	HHDT
Phase 2 Building Construction	Onsite truck	0		HHDT
Phase 2 Paving				
Phase 2 Paving	Worker	7.5	18.5	LDA,LDT1,LDT2

Phase 2 Paving	Vendor	0	10.2	HHDT,MHDT	
Phase 2 Paving	Hauling	0	20	HHDT	
Phase 2 Paving	Onsite truck	0		HHDT	
Phase 2 Architectural Coating					
Phase 2 Architectural Coating	Worker	1	18.5	LDA,LDT1,LDT2	
Phase 2 Architectural Coating	Vendor	0	10.2	HHDT,MHDT	
Phase 2 Architectural Coating	Hauling	0	20	HHDT	
Phase 2 Architectural Coating	Onsite truck	0		HHDT	
Phase 2 Building Demolition Debris Haul					
Phase 2 Building Demolition Debris Haul	Worker	0	18.5	LDA,LDT1,LDT2	
Phase 2 Building Demolition Debris Haul	Vendor	0	10.2	HHDT,MHDT	
Phase 2 Building Demolition Debris Haul	Hauling	1	20	HHDT	
Phase 2 Building Demolition Debris Haul	Onsite truck	0		HHDT	
Phase 2 Asphalt Demolition					
Phase 2 Asphalt Demolition	Worker	0	18.5	LDA,LDT1,LDT2	
Phase 2 Asphalt Demolition	Vendor	0	10.2	HHDT,MHDT	
Phase 2 Asphalt Demolition	Hauling	0	20	HHDT	
Phase 2 Asphalt Demolition	Onsite truck	0		HHDT	
Phase 2 Asphalt Demolition Debris Haul					
Phase 2 Asphalt Demolition Debris Haul	Worker	0	18.5	LDA,LDT1,LDT2	
Phase 2 Asphalt Demolition Debris Haul	Vendor	0	10.2	HHDT,MHDT	
Phase 2 Asphalt Demolition Debris Haul	Hauling	4	20	HHDT	
Phase 2 Asphalt Demolition Debris Haul	Onsite truck	0		HHDT	
Phase 2 Fine Grading					
Phase 2 Fine Grading	Worker	10	18.5	LDA,LDT1,LDT2	
Phase 2 Fine Grading	Vendor	10	10.2	HHDT,MHDT	
Phase 2 Fine Grading	Hauling	0	20	HHDT	
Phase 2 Fine Grading	Onsite truck	0		HHDT	
Phase 2 Utility Trenching					
Phase 2 Utility Trenching	Worker	2.5	18.5	LDA,LDT1,LDT2	
Phase 2 Utility Trenching	Vendor	0	10.2	HHDT,MHDT	
Phase 2 Utility Trenching	Hauling	0	20	HHDT	
Phase 2 Utility Trenching	Onsite truck	0		HHDT	
Phase 2 Finishing/Landscaping					
Phase 2 Finishing/Landscaping	Worker	2.5	18.5	LDA,LDT1,LDT2	
Phase 2 Finishing/Landscaping	Vendor	0	10.2	HHDT,MHDT	
Phase 2 Finishing/Landscaping	Hauling	0	20	HHDT	
Phase 2 Finishing/Landscaping	Onsite truck	0		HHDT	

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55	55
Limit vehicle speeds on unpaved roads to 25 mph	44	44
Sweep paved roads once per month	9	9

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coate	Residential Exterior Area Coa	Non-Residential Interior Area	Non-Residential Exterior Are	Parking Area Coated (sq ft)
Phase 2 Architectural Coating	0	0	10050	3350	1930

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards	Material Exported (Cubic Yar	Acres Graded (acres)	Material Demolished (Ton of	Acres Paved (acres)
Phase 2 Building Demolition	0	0	0	0	
Phase 2 Building Demolition Debris Haul	0	0	0	18	
Phase 2 Asphalt Demolition	0	0	0	0	
Phase 2 Asphalt Demolition Debris Haul	0	0	0	1088	
Phase 2 Site Preparation	0	0	0	0	
Phase 2 Rough Grading	0	0	9	0	
Phase 2 Fine Grading	0	0	8	0	
Phase 2 Paving	0	0	0	0	2.73

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61	61
Water Demolished Area	2	36	36

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Elementary School	0	0
Other Asphalt Surfaces	0.06	100
Other Non-Asphalt Surfaces	0.68	0
Other Non-Asphalt Surfaces	1.99	0

5.8. Construction Electricity Consumption and Emissions Factors

Year	kWh per Year	CO2	CH4	N2O
2025	0	450	0.03	< 0.005
2026	0	450	0.03	< 0.005

8. User Changes to Default Data

Screen	Justification
Characteristics: Project Details	m

Characteristics: Utility Information	2021 SCE Sustainability Report
Construction: Construction Phases	based on CalEEMod default construction schedule, normalized to fit duration provided by District
Construction: Off-Road Equipment	based on data provided by District. Uses default construction equipment or grading activities and building construction.
Construction: Trips and VMT	see assumptions file for demolition haul and water truck calculations
Construction: Architectural Coatings	SCAQMD Rule 1113. Assumes playground and playfield area (asphalt area and landscaping) will be striped.
Construction: Electricity	2021 SCE Sustainability Report

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	McKinley Elementary School Mitigated Construction (Phase 3)
Lead Agency	
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.7
Precipitation (days)	18.4
Location	34.031995008015826, -118.47685015183255
County	Los Angeles-South Coast
City	Santa Monica
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4409
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area	Landscape Area	Special Landscape Area	Population	Description
Elementary School	26.5	1000sqft	0.3	26500	0	0		
Parking Lot	23	1000sqft	0.53	0	0			
Other Asphalt Surfaces	2.58	1000sqft	0.06	0	0			
Other Non-Asphalt Surfaces	10.8	1000sqft	0.25	0	10798			
Other Non-Asphalt Surfaces	8.97	1000sqft	0.21	0	0			

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Un/Mit.	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Daily, Summer (Max)																		
Unmit.	2.33	1.94	17.2	24.1	0.04	0.66	3.23	3.88	0.6	1.45	2.06		4650	4650	0.18	0.15	2.91	4694
Mit.	0.49	0.45	5.17	24.9	0.04	0.08	3.23	3.3	0.08	1.45	1.53		4650	4650	0.18	0.15	2.91	4694
% Reduced	79	76.7	69.9	−3.26		88.6		15	87.6		25.8							
Daily, Winter (Max)																		
Unmit.	1.69	8.14	11.9	17.8	0.03	0.3	0.34	0.64	0.27	0.08	0.35		3200	3200	0.12	0.05	0.03	3219
Mit.	0.52	7.22	6.78	19	0.03	0.08	0.34	0.42	0.08	0.08	0.16		3200	3200	0.12	0.05	0.03	3219
% Reduced	69.2	11.3	43.2	−7.10		72.8		33.8	71.3		54.8							
Average Daily (Max)																		
Unmit.	0.8	0.67	5.57	7.43	0.01	0.15	0.28	0.37	0.14	0.09	0.17		1475	1475	0.06	0.03	0.21	1485
Mit.	0.26	0.42	3.21	8.27	0.01	0.04	0.28	0.3	0.04	0.09	0.11		1475	1475	0.06	0.03	0.21	1485
% Reduced	67.5	36.8	42.3	−11.3		70.1		19.2	68.8		37.6							
Annual (Max)																		
Unmit.	0.15	0.12	1.02	1.36	< 0.005	0.03	0.05	0.07	0.03	0.02	0.03		244	244	0.01	< 0.005	0.03	246
Mit.	0.05	0.08	0.59	1.51	< 0.005	0.01	0.05	0.05	0.01	0.02	0.02		244	244	0.01	< 0.005	0.03	246
% Reduced	67.5	36.8	42.3	−11.3		70.1		19.2	68.8		37.6							

2.2. Construction Emissions by Year, Unmitigated

Year	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Daily - Summer (Max)																		
2028	2.33	1.94	17.2	24.1	0.04	0.66	3.23	3.88	0.6	1.45	2.06		4650	4650	0.18	0.15	2.91	4694
2029	1.13	0.93	7.79	10.5	0.02	0.21	0.18	0.39	0.19	0.04	0.24		2070	2070	0.08	0.04	0.68	2084
Daily - Winter (Max)																		
2028	1.17	0.97	8.08	10.5	0.02	0.23	0.18	0.41	0.21	0.04	0.26		2069	2069	0.08	0.04	0.02	2082
2029	1.12	0.93	7.8	10.4	0.02	0.21	0.18	0.39	0.19	0.04	0.24		2063	2063	0.08	0.04	0.02	2076
2030	1.69	8.14	11.9	17.8	0.03	0.3	0.34	0.64	0.27	0.08	0.35		3200	3200	0.12	0.05	0.03	3219
Average Daily																		
2028	0.42	0.34	2.99	4.15	0.01	0.09	0.28	0.37	0.08	0.09	0.17		824	824	0.03	0.02	0.18	832
2029	0.8	0.67	5.57	7.43	0.01	0.15	0.13	0.28	0.14	0.03	0.17		1475	1475	0.06	0.03	0.21	1485
2030	0.18	0.52	1.23	1.76	< 0.005	0.03	0.03	0.06	0.03	0.01	0.04		334	334	0.01	0.01	0.04	336
Annual																		
2028	0.08	0.06	0.55	0.76	< 0.005	0.02	0.05	0.07	0.02	0.02	0.03		136	136	0.01	< 0.005	0.03	138
2029	0.15	0.12	1.02	1.36	< 0.005	0.03	0.02	0.05	0.03	0.01	0.03		244	244	0.01	< 0.005	0.03	246
2030	0.03	0.09	0.23	0.32	< 0.005	0.01	0.01	0.01	0.01	< 0.005	0.01		55.2	55.2	< 0.005	< 0.005	0.01	55.6

2.3. Construction Emissions by Year, Mitigated

Year	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Daily - Summer (Max)																		
2028	0.49	0.45	5.17	24.9	0.04	0.08	3.23	3.3	0.08	1.45	1.53		4650	4650	0.18	0.15	2.91	4694
2029	0.37	0.34	4.49	11.6	0.02	0.06	0.18	0.25	0.06	0.04	0.1		2070	2070	0.08	0.04	0.68	2084
Daily - Winter (Max)																		
2028	0.37	0.34	4.51	11.6	0.02	0.06	0.18	0.25	0.06	0.04	0.11		2069	2069	0.08	0.04	0.02	2082
2029	0.36	0.34	4.5	11.6	0.02	0.06	0.18	0.25	0.06	0.04	0.1		2063	2063	0.08	0.04	0.02	2076
2030	0.52	7.22	6.78	19	0.03	0.08	0.34	0.42	0.08	0.08	0.16		3200	3200	0.12	0.05	0.03	3219
Average Daily																		
2028	0.12	0.11	1.32	4.46	0.01	0.02	0.28	0.3	0.02	0.09	0.11		824	824	0.03	0.02	0.18	832
2029	0.26	0.24	3.21	8.27	0.01	0.04	0.13	0.17	0.04	0.03	0.07		1475	1475	0.06	0.03	0.21	1485
2030	0.06	0.42	0.7	1.93	< 0.005	0.01	0.03	0.04	0.01	0.01	0.02		334	334	0.01	0.01	0.04	336
Annual																		
2028	0.02	0.02	0.24	0.81	< 0.005	< 0.005	0.05	0.05	< 0.005	0.02	0.02		136	136	0.01	< 0.005	0.03	138
2029	0.05	0.04	0.59	1.51	< 0.005	0.01	0.02	0.03	0.01	0.01	0.01		244	244	0.01	< 0.005	0.03	246
2030	0.01	0.08	0.13	0.35	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005		55.2	55.2	< 0.005	< 0.005	0.01	55.6

3. Construction Emissions Details

3.2. Demolition (2028) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.13	0.13	1.24	9.21	0.01	0.02		0.02	0.02		0.02		1317	1317	0.05	0.01		1322
Demolition							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	0.01	0.01	0.13	0.98	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		141	141	0.01	< 0.005		141
Demolition							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	< 0.005	< 0.005	0.02	0.18	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		23.3	23.3	< 0.005	< 0.005		23.4
Demolition							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0.06	0.05	0.05	0.85	0	0	0.2	0.2	0	0.05	0.05		196	196	< 0.005	0.01	0.56	198
Vendor	0.02	0.01	0.25	0.12	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02		239	239	0.01	0.03	0.6	250
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		

Worker	0.01	0.01	0.01	0.08	0	0	0.02	0.02	0	< 0.005	< 0.005			20.1	20.1	< 0.005	< 0.005		0.03	20.4
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005			25.5	25.5	< 0.005	< 0.005		0.03	26.7
Hauling	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0
Annual																				
Worker	< 0.005	< 0.005	< 0.005	0.01	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005			3.33	3.33	< 0.005	< 0.005	< 0.005		3.37
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			4.23	4.23	< 0.005	< 0.005	< 0.005		4.41
Hauling	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0

3.4. Demolition (2028) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0	0	0	0	0	0		0	0		0		0	0	0	0		0
Demolition							0.59	0.59		0.09	0.09							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	0	0	0	0	0	0		0	0		0		0	0	0	0		0
Demolition							0.06	0.06		0.01	0.01							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	0	0	0	0	0	0		0	0		0		0	0	0	0		0
Demolition							0.01	0.01		< 0.005	< 0.005							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Hauling	0.01	< 0.005	0.15	0.06	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01		130	130	0.01	0.02	0.26	137
Daily, Winter (Max)																		
Average Daily																		
Worker	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		13.9	13.9	< 0.005	< 0.005	0.01	14.6
Annual																		
Worker	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		2.31	2.31	< 0.005	< 0.005	< 0.005	2.42

3.6. Demolition (2028) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0	0	0	0	0	0		0	0		0		0	0	0	0		0
Demolition							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	0	0	0	0	0	0		0	0		0		0	0	0	0		0
Demolition							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	0	0	0	0	0	0		0	0		0		0	0	0	0		0
Demolition							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Worker	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Worker	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0

3.8. Demolition (2028) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0	0	0	0	0	0		0	0		0		0	0	0	0		0
Demolition							0.15	0.15		0.02	0.02							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	0	0	0	0	0	0		0	0		0		0	0	0	0		0
Demolition							0.02	0.02		< 0.005	< 0.005							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	0	0	0	0	0	0		0	0		0		0	0	0	0		0
Demolition							< 0.005	< 0.005		< 0.005	< 0.005							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Hauling	0.01	< 0.005	0.15	0.06	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01		130	130	0.01	0.02	0.26	137
Daily, Winter (Max)																		
Average Daily																		
Worker	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		13.9	13.9	< 0.005	< 0.005	0.01	14.6
Annual																		
Worker	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Vendor	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		2.31	2.31	< 0.005	< 0.005	< 0.005	2.42

3.10. Site Preparation (2028) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.13	0.13	1.23	9.1	0.01	0.02		0.02	0.02		0.02		1303	1303	0.05	0.01		1307
Dust From Material Movement							0	0		0	0							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	< 0.005	< 0.005	0.01	0.1	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		14.3	14.3	< 0.005	< 0.005		14.3

Dust From Material Movement									0	0			0	0										
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																								
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005			< 0.005	< 0.005			< 0.005				2.36	2.36	< 0.005	< 0.005				2.37
Dust From Material Movement									0	0			0	0										
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite																								
Daily, Summer (Max)																								
Worker	0.05	0.04	0.04	0.71	0	0	0.16	0.16	0	0.04	0.04				163	163	< 0.005	0.01	0.47	165				
Vendor	0.02	0.01	0.31	0.15	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03				299	299	0.01	0.04	0.76	312				
Hauling	0	0	0	0	0	0	0	0	0	0	0				0	0	0	0	0	0				
Daily, Winter (Max)																								
Average Daily																								
Worker	< 0.005	< 0.005	< 0.005	0.01	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005				1.72	1.72	< 0.005	< 0.005	< 0.005	1.74				
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005				3.27	3.27	< 0.005	< 0.005	< 0.005	3.42				
Hauling	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0				
Annual																								
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005				0.28	0.28	< 0.005	< 0.005	< 0.005	0.29				
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005				0.54	0.54	< 0.005	< 0.005	< 0.005	0.57				
Hauling	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0				

3.12. Grading (2028) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.23	0.23	1.2	14.2	0.02	0.05		0.05	0.05		0.05		2456	2456	0.1	0.02		2465
Dust From Material Movement							2.76	2.76		1.34	1.34							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	0.01	0.01	0.03	0.31	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		53.8	53.8	< 0.005	< 0.005		54
Dust From Material Movement							0.06	0.06		0.03	0.03							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.06	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		8.91	8.91	< 0.005	< 0.005		8.94
Dust From Material Movement							0.01	0.01		0.01	0.01							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0.04	0.03	0.03	0.56	0	0	0.13	0.13	0	0.03	0.03		131	131	< 0.005	< 0.005	0.37	132
Vendor	0.02	0.01	0.31	0.15	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03		299	299	0.01	0.04	0.76	312
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Worker	< 0.005	< 0.005	< 0.005	0.01	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		2.75	2.75	< 0.005	< 0.005	< 0.005	2.79
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		6.55	6.55	< 0.005	< 0.005	0.01	6.84
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		0.46	0.46	< 0.005	< 0.005	< 0.005	0.46
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		1.08	1.08	< 0.005	< 0.005	< 0.005	1.13
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0

3.14. Grading (2028) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.23	0.23	1.2	14.2	0.02	0.05		0.05	0.05		0.05		2456	2456	0.1	0.02		2465
Dust From Material Movement							2.76	2.76		1.34	1.34							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Off-Road Equipment	< 0.005	< 0.005	0.02	0.27	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		47.1	47.1	< 0.005	< 0.005		47.3
Dust From Material Movement							0.05	0.05		0.03	0.03							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.05	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		7.8	7.8	< 0.005	< 0.005		7.83
Dust From Material Movement							0.01	0.01		< 0.005	< 0.005							
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0.04	0.03	0.03	0.56	0	0	0.13	0.13	0	0.03	0.03		131	131	< 0.005	< 0.005	0.37	132
Vendor	0.02	0.01	0.31	0.15	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03		299	299	0.01	0.04	0.76	312
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Average Daily																		
Worker	< 0.005	< 0.005	< 0.005	0.01	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		2.41	2.41	< 0.005	< 0.005	< 0.005	2.44
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		5.73	5.73	< 0.005	< 0.005	0.01	5.98
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		0.4	0.4	< 0.005	< 0.005	< 0.005	0.4
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		0.95	0.95	< 0.005	< 0.005	< 0.005	0.99
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0

3.16. Building Construction (2028) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.32	0.3	4.32	11	0.02	0.06		0.06	0.06		0.06		1801	1801	0.07	0.01		1807
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Off-Road Equipment	0.32	0.3	4.32	11	0.02	0.06		0.06	0.06		0.06		1801	1801	0.07	0.01		1807
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Average Daily																		
Off-Road Equipment	0.07	0.07	0.98	2.5	< 0.005	0.01		0.01	0.01		0.01		409	409	0.02	< 0.005		410
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	0.01	0.01	0.18	0.46	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		67.7	67.7	< 0.005	< 0.005		67.9
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0.04	0.04	0.04	0.63	0	0	0.15	0.15	0	0.03	0.03		145	145	< 0.005	0.01	0.41	147
Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01		130	130	< 0.005	0.02	0.33	136
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Worker	0.04	0.04	0.04	0.53	0	0	0.15	0.15	0	0.03	0.03		138	138	< 0.005	0.01	0.01	139
Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01		130	130	< 0.005	0.02	0.01	135
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Average Daily																		
Worker	0.01	0.01	0.01	0.13	0	0	0.03	0.03	0	0.01	0.01		31.7	31.7	< 0.005	< 0.005	0.04	32.1
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005		29.4	29.4	< 0.005	< 0.005	0.03	30.7
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0

Annual																				
Worker	< 0.005	< 0.005	< 0.005	0.02	0	0	0.01	0.01	0	< 0.005	< 0.005		5.25	5.25	< 0.005	< 0.005		0.01	5.32	
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		4.88	4.88	< 0.005	< 0.005		0.01	5.09	
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0		0	0	

3.18. Building Construction (2029) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Off-Road Equipment	0.32	0.3	4.32	11	0.02	0.06		0.06	0.06		0.06		1801	1801	0.07	0.01		1807
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Off-Road Equipment	0.32	0.3	4.32	11	0.02	0.06		0.06	0.06		0.06		1801	1801	0.07	0.01		1807
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Average Daily																		
Off-Road Equipment	0.23	0.21	3.09	7.85	0.01	0.04		0.04	0.04		0.04		1286	1286	0.05	0.01		1291
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	0.04	0.04	0.56	1.43	< 0.005	0.01		0.01	0.01		0.01		213	213	0.01	< 0.005		214
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Worker	0.04	0.04	0.03	0.59	0	0	0.15	0.15	0	0.03	0.03		143	143	< 0.005	0.01	0.37	145
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01		126	126	< 0.005	0.02	0.31	132
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Daily, Winter (Max)																		
Worker	0.04	0.04	0.04	0.5	0	0	0.15	0.15	0	0.03	0.03		135	135	< 0.005	0.01	0.01	137
Vendor	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01		126	126	< 0.005	0.02	0.01	132
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Average Daily																		
Worker	0.03	0.03	0.03	0.37	0	0	0.1	0.1	0	0.02	0.02		98.1	98.1	< 0.005	< 0.005	0.11	99.4
Vendor	0.01	< 0.005	0.1	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01		90.2	90.2	< 0.005	0.01	0.1	94.3
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Worker	< 0.005	< 0.005	< 0.005	0.07	0	0	0.02	0.02	0	< 0.005	< 0.005		16.2	16.2	< 0.005	< 0.005	0.02	16.5
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		14.9	14.9	< 0.005	< 0.005	0.02	15.6
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0

3.20. Building Construction (2030) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Daily, Winter (Max)																		
Off-Road Equipment	0.32	0.3	4.32	11	0.02	0.06		0.06	0.06		0.06		1801	1801	0.07	0.01		1807
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Average Daily																		
Off-Road Equipment	0.04	0.04	0.58	1.48	< 0.005	0.01		0.01	0.01		0.01		243	243	0.01	< 0.005		244
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	0.01	0.01	0.11	0.27	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		40.3	40.3	< 0.005	< 0.005		40.4
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Daily, Winter (Max)																		
Worker	0.04	0.03	0.03	0.46	0	0	0.15	0.15	0	0.03	0.03		133	133	< 0.005	0.01	0.01	135
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01		123	123	< 0.005	0.02	0.01	128
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Average Daily																		
Worker	< 0.005	< 0.005	< 0.005	0.07	0	0	0.02	0.02	0	< 0.005	< 0.005		18.3	18.3	< 0.005	< 0.005	0.02	18.5
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005		16.6	16.6	< 0.005	< 0.005	0.02	17.3
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Worker	< 0.005	< 0.005	< 0.005	0.01	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		3.02	3.02	< 0.005	< 0.005	< 0.005	3.06
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		2.74	2.74	< 0.005	< 0.005	< 0.005	2.86
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0

3.22. Paving (2030) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Daily, Winter (Max)																		
Off-Road Equipment	0.08	0.08	0.95	5.05	0.01	0.01		0.01	0.01		0.01		722	722	0.03	0.01		724
Paving		0.08																
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Average Daily																		
Off-Road Equipment	< 0.005	< 0.005	0.05	0.28	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		39.6	39.6	< 0.005	< 0.005		39.7
Paving		< 0.005																
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	< 0.005	< 0.005	0.01	0.05	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		6.55	6.55	< 0.005	< 0.005		6.57
Paving		< 0.005																
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Offsite																		
Daily, Summer (Max)																		
Daily, Winter (Max)																		
Worker	0.02	0.02	0.02	0.31	0	0	0.1	0.1	0	0.02	0.02		89.8	89.8	< 0.005	< 0.005	0.01	90.9
Vendor	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Average Daily																		
Worker	< 0.005	< 0.005	< 0.005	0.02	0	0	0.01	0.01	0	< 0.005	< 0.005		4.99	4.99	< 0.005	< 0.005	0.01	5.06
Vendor	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005		0.83	0.83	< 0.005	< 0.005	< 0.005	0.84
Vendor	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0

3.24. Architectural Coating (2030) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Onsite																		
Daily, Summer (Max)																		
Daily, Winter (Max)																		
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		134	134	0.01	< 0.005		134
Architectural Coatings		6.65																
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Average Daily																		
Off-Road Equipment	< 0.005	< 0.005	0.04	0.05	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		7.32	7.32	< 0.005	< 0.005		7.34
Architectural Coatings		0.36																
Onsite truck	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Annual																		
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		1.21	1.21	< 0.005	< 0.005		1.22

Architectural Coatings		0.07																	
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite																			
Daily, Summer (Max)																			
Daily, Winter (Max)																			
Worker	0.01	0.01	0.01	0.09	0	0	0.03	0.03	0	0.01	0.01	26.6	26.6	< 0.005	< 0.005	< 0.005		27	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Daily																			
Worker	< 0.005	< 0.005	< 0.005	0.01	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005	1.48	1.48	< 0.005	< 0.005	< 0.005		1.5	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																			
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005	0.25	0.25	< 0.005	< 0.005	< 0.005		0.25	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3.26. Trenching (2028) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e	
Onsite																			
Daily, Summer (Max)																			
Off-Road Equipment	0.02	0.02	0.66	0.99	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		142	142	0.01	< 0.005			142
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily, Winter (Max)																			
Average Daily																			
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		1.94	1.94	< 0.005	< 0.005			1.95
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																			
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		0.32	0.32	< 0.005	< 0.005			0.32
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite																			
Daily, Summer (Max)																			
Worker	0.01	0.01	0.01	0.14	0	0	0.03	0.03	0	0.01	0.01	32.6	32.6	< 0.005	< 0.005		0.09	33.1	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily, Winter (Max)																			
Average Daily																			
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005	0.43	0.43	< 0.005	< 0.005	< 0.005		0.44	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																			
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005	0.07	0.07	< 0.005	< 0.005	< 0.005		0.07	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3.28. Trenching (2030) - Mitigated

Location	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e	
Onsite																			
Daily, Summer (Max)																			
Daily, Winter (Max)																			
Off-Road Equipment	0.02	0.02	0.66	0.99	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		142	142	0.01	< 0.005			142
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Daily																			
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		1.94	1.94	< 0.005	< 0.005			1.95
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																			
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005		0.32	0.32	< 0.005	< 0.005			0.32
Onsite truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite																			
Daily, Summer (Max)																			
Daily, Winter (Max)																			
Worker	0.01	0.01	0.01	0.1	0	0	0.03	0.03	0	0.01	0.01	29.9	29.9	< 0.005	< 0.005	< 0.005		30.3	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Daily																			
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005	0.42	0.42	< 0.005	< 0.005	< 0.005		0.42	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Annual																			
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0	0	< 0.005	< 0.005	0	< 0.005	< 0.005	0.07	0.07	< 0.005	< 0.005	< 0.005		0.07	
Vendor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hauling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Phase 3 Building Demolition	Demolition	6/15/2028	8/8/2028	5	39	
Phase 3 Building Demolition Debris Haul	Demolition	6/15/2028	8/8/2028	5	39	
Phase 3 Asphalt Demolition	Demolition	6/15/2028	8/8/2028	5	39	
Phase 3 Asphalt Demolition Debris Haul	Demolition	6/15/2028	8/8/2028	5	39	
Phase 3 Site Preparation	Site Preparation	8/8/2028	8/13/2028	5	4	
Phase 3 Rough Grading	Grading	8/13/2028	8/23/2028	5	8	
Phase 3 Fine Grading	Grading	8/24/2028	9/1/2028	5	7	
Phase 3 Building Construction	Building Construction	9/7/2028	3/10/2030	5	392	
Phase 3 Paving	Paving	2/10/2030	3/10/2030	5	20	
Phase 3 Architectural Coating	Architectural Coating	2/10/2030	3/10/2030	5	20	
Phase 3 Utility Trenching	Trenching	9/1/2028	9/7/2028	5	5	
Phase 3 Finishing/Landscaping	Trenching	3/4/2030	3/10/2030	5	5	

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 3 Building Demolition	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 3 Building Demolition	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 3 Building Demolition	Tractors/Loaders/Backhoes	Diesel	Average	3	8	84	0.37
Phase 3 Site Preparation	Graders	Diesel	Average	0	8	148	0.41
Phase 3 Site Preparation	Rubber Tired Dozers	Diesel	Average	0	7	367	0.4
Phase 3 Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4	8	84	0.37
Phase 3 Rough Grading	Graders	Diesel	Average	1	8	148	0.41
Phase 3 Rough Grading	Rubber Tired Dozers	Diesel	Average	1	8	367	0.4
Phase 3 Rough Grading	Tractors/Loaders/Backhoes	Diesel	Average	2	7	84	0.37
Phase 3 Building Construction	Cranes	Diesel	Average	1	6	367	0.29
Phase 3 Building Construction	Forklifts	Diesel	Average	1	6	82	0.2
Phase 3 Building Construction	Generator Sets	Diesel	Average	1	8	14	0.74
Phase 3 Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1	6	84	0.37
Phase 3 Building Construction	Welders	Diesel	Average	3	8	46	0.45
Phase 3 Paving	Cement and Mortar Mixers	Diesel	Average	0	6	10	0.56
Phase 3 Paving	Pavers	Diesel	Average	0	6	81	0.42
Phase 3 Paving	Paving Equipment	Diesel	Average	0	8	89	0.36
Phase 3 Paving	Rollers	Diesel	Average	1	8	36	0.38
Phase 3 Paving	Tractors/Loaders/Backhoes	Diesel	Average	2	8	84	0.37
Phase 3 Architectural Coating	Air Compressors	Diesel	Average	1	6	37	0.48
Phase 3 Building Demolition Debris Haul	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 3 Building Demolition Debris Haul	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 3 Building Demolition Debris Haul	Tractors/Loaders/Backhoes	Diesel	Average	0	8	84	0.37
Phase 3 Asphalt Demolition	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 3 Asphalt Demolition	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 3 Asphalt Demolition	Tractors/Loaders/Backhoes	Diesel	Average	0	8	84	0.37
Phase 3 Asphalt Demolition Debris Haul	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 3 Asphalt Demolition Debris Haul	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 3 Asphalt Demolition Debris Haul	Tractors/Loaders/Backhoes	Diesel	Average	0	8	84	0.37
Phase 3 Fine Grading	Graders	Diesel	Average	1	8	148	0.41
Phase 3 Fine Grading	Rubber Tired Dozers	Diesel	Average	1	8	367	0.4
Phase 3 Fine Grading	Tractors/Loaders/Backhoes	Diesel	Average	2	7	84	0.37
Phase 3 Building Demolition	Forklifts	Diesel	Average	2	8	82	0.2
Phase 3 Building Demolition	Excavators	Diesel	Average	1	8	36	0.38
Phase 3 Site Preparation	Rollers	Diesel	Average	1	8	36	0.38
Phase 3 Utility Trenching	Excavators	Diesel	Average	1	8	36	0.38
Phase 3 Finishing/Landscaping	Excavators	Diesel	Average	1	8	36	0.38

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 3 Building Demolition	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 3 Building Demolition	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 3 Building Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3	8	84	0.37
Phase 3 Site Preparation	Graders	Diesel	Average	0	8	148	0.41
Phase 3 Site Preparation	Rubber Tired Dozers	Diesel	Average	0	7	367	0.4
Phase 3 Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4	8	84	0.37
Phase 3 Rough Grading	Graders	Diesel	Tier 4 Final	1	8	148	0.41
Phase 3 Rough Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1	8	367	0.4
Phase 3 Rough Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2	7	84	0.37
Phase 3 Building Construction	Cranes	Diesel	Tier 4 Final	1	6	367	0.29
Phase 3 Building Construction	Forklifts	Diesel	Tier 4 Final	1	6	82	0.2
Phase 3 Building Construction	Generator Sets	Diesel	Average	1	8	14	0.74
Phase 3 Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1	6	84	0.37
Phase 3 Building Construction	Welders	Diesel	Tier 4 Final	3	8	46	0.45
Phase 3 Paving	Cement and Mortar Mixers	Diesel	Average	0	6	10	0.56
Phase 3 Paving	Pavers	Diesel	Average	0	6	81	0.42
Phase 3 Paving	Paving Equipment	Diesel	Average	0	8	89	0.36
Phase 3 Paving	Rollers	Diesel	Tier 4 Final	1	8	36	0.38
Phase 3 Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2	8	84	0.37
Phase 3 Architectural Coating	Air Compressors	Diesel	Tier 4 Final	1	6	37	0.48
Phase 3 Building Demolition Debris Haul	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 3 Building Demolition Debris Haul	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 3 Building Demolition Debris Haul	Tractors/Loaders/Backhoes	Diesel	Average	0	8	84	0.37
Phase 3 Asphalt Demolition	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 3 Asphalt Demolition	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 3 Asphalt Demolition	Tractors/Loaders/Backhoes	Diesel	Average	0	8	84	0.37
Phase 3 Asphalt Demolition Debris Haul	Concrete/Industrial Saws	Diesel	Average	0	8	33	0.73
Phase 3 Asphalt Demolition Debris Haul	Rubber Tired Dozers	Diesel	Average	0	8	367	0.4
Phase 3 Asphalt Demolition Debris Haul	Tractors/Loaders/Backhoes	Diesel	Average	0	8	84	0.37
Phase 3 Fine Grading	Graders	Diesel	Tier 4 Final	1	8	148	0.41
Phase 3 Fine Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1	8	367	0.4
Phase 3 Fine Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2	7	84	0.37

Phase 3 Building Demolition	Forklifts	Diesel	Tier 4 Final	2	8	82	0.2
Phase 3 Building Demolition	Excavators	Diesel	Tier 4 Final	1	8	36	0.38
Phase 3 Site Preparation	Rollers	Diesel	Tier 4 Final	1	8	36	0.38
Phase 3 Utility Trenching	Excavators	Diesel	Tier 4 Final	1	8	36	0.38
Phase 3 Finishing/Landscaping	Excavators	Diesel	Tier 4 Final	1	8	36	0.38

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 3 Building Demolition				
Phase 3 Building Demolition	Worker	15	18.5	LDA,LDT1,LDT2
Phase 3 Building Demolition	Vendor	8	10.2	HHDT,MHDT
Phase 3 Building Demolition	Hauling	0	20	HHDT
Phase 3 Building Demolition	Onsite truck	0		HHDT
Phase 3 Site Preparation				
Phase 3 Site Preparation	Worker	12.5	18.5	LDA,LDT1,LDT2
Phase 3 Site Preparation	Vendor	10	10.2	HHDT,MHDT
Phase 3 Site Preparation	Hauling	0	20	HHDT
Phase 3 Site Preparation	Onsite truck	0		HHDT
Phase 3 Rough Grading				
Phase 3 Rough Grading	Worker	10	18.5	LDA,LDT1,LDT2
Phase 3 Rough Grading	Vendor	10	10.2	HHDT,MHDT
Phase 3 Rough Grading	Hauling	0	20	HHDT
Phase 3 Rough Grading	Onsite truck	0		HHDT
Phase 3 Building Construction				
Phase 3 Building Construction	Worker	11.1	18.5	LDA,LDT1,LDT2
Phase 3 Building Construction	Vendor	4.34	10.2	HHDT,MHDT
Phase 3 Building Construction	Hauling	0	20	HHDT
Phase 3 Building Construction	Onsite truck	0		HHDT
Phase 3 Paving				
Phase 3 Paving	Worker	7.5	18.5	LDA,LDT1,LDT2
Phase 3 Paving	Vendor	0	10.2	HHDT,MHDT
Phase 3 Paving	Hauling	0	20	HHDT
Phase 3 Paving	Onsite truck	0		HHDT
Phase 3 Architectural Coating				
Phase 3 Architectural Coating	Worker	2.23	18.5	LDA,LDT1,LDT2
Phase 3 Architectural Coating	Vendor	0	10.2	HHDT,MHDT
Phase 3 Architectural Coating	Hauling	0	20	HHDT
Phase 3 Architectural Coating	Onsite truck	0		HHDT
Phase 3 Building Demolition Debris Haul				
Phase 3 Building Demolition Debris Haul	Worker	0	18.5	LDA,LDT1,LDT2
Phase 3 Building Demolition Debris Haul	Vendor	0	10.2	HHDT,MHDT
Phase 3 Building Demolition Debris Haul	Hauling	2	20	HHDT
Phase 3 Building Demolition Debris Haul	Onsite truck	0		HHDT
Phase 3 Asphalt Demolition				
Phase 3 Asphalt Demolition	Worker	0	18.5	LDA,LDT1,LDT2
Phase 3 Asphalt Demolition	Vendor	0	10.2	HHDT,MHDT
Phase 3 Asphalt Demolition	Hauling	0	20	HHDT
Phase 3 Asphalt Demolition	Onsite truck	0		HHDT
Phase 3 Asphalt Demolition Debris Haul				
Phase 3 Asphalt Demolition Debris Haul	Worker	0	18.5	LDA,LDT1,LDT2
Phase 3 Asphalt Demolition Debris Haul	Vendor	0	10.2	HHDT,MHDT
Phase 3 Asphalt Demolition Debris Haul	Hauling	2	20	HHDT
Phase 3 Asphalt Demolition Debris Haul	Onsite truck	0		HHDT
Phase 3 Fine Grading				
Phase 3 Fine Grading	Worker	10	18.5	LDA,LDT1,LDT2
Phase 3 Fine Grading	Vendor	10	10.2	HHDT,MHDT
Phase 3 Fine Grading	Hauling	0	20	HHDT
Phase 3 Fine Grading	Onsite truck	0		HHDT
Phase 3 Utility Trenching				
Phase 3 Utility Trenching	Worker	2.5	18.5	LDA,LDT1,LDT2
Phase 3 Utility Trenching	Vendor	0	10.2	HHDT,MHDT
Phase 3 Utility Trenching	Hauling	0	20	HHDT
Phase 3 Utility Trenching	Onsite truck	0		HHDT
Phase 3 Finishing/Landscaping				
Phase 3 Finishing/Landscaping	Worker	2.5	18.5	LDA,LDT1,LDT2
Phase 3 Finishing/Landscaping	Vendor	0	10.2	HHDT,MHDT
Phase 3 Finishing/Landscaping	Hauling	0	20	HHDT
Phase 3 Finishing/Landscaping	Onsite truck	0		HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 3 Building Demolition				
Phase 3 Building Demolition	Worker	15	18.5	LDA,LDT1,LDT2
Phase 3 Building Demolition	Vendor	8	10.2	HHDT,MHDT
Phase 3 Building Demolition	Hauling	0	20	HHDT
Phase 3 Building Demolition	Onsite truck	0		HHDT
Phase 3 Site Preparation				
Phase 3 Site Preparation	Worker	12.5	18.5	LDA,LDT1,LDT2
Phase 3 Site Preparation	Vendor	10	10.2	HHDT,MHDT
Phase 3 Site Preparation	Hauling	0	20	HHDT
Phase 3 Site Preparation	Onsite truck	0		HHDT
Phase 3 Rough Grading				
Phase 3 Rough Grading	Worker	10	18.5	LDA,LDT1,LDT2
Phase 3 Rough Grading	Vendor	10	10.2	HHDT,MHDT
Phase 3 Rough Grading	Hauling	0	20	HHDT
Phase 3 Rough Grading	Onsite truck	0		HHDT
Phase 3 Building Construction				
Phase 3 Building Construction	Worker	11.1	18.5	LDA,LDT1,LDT2
Phase 3 Building Construction	Vendor	4.34	10.2	HHDT,MHDT
Phase 3 Building Construction	Hauling	0	20	HHDT
Phase 3 Building Construction	Onsite truck	0		HHDT
Phase 3 Paving				
Phase 3 Paving	Worker	7.5	18.5	LDA,LDT1,LDT2

Phase 3 Paving	Vendor	0	10.2	HHDT,MHDT	
Phase 3 Paving	Hauling	0	20	HHDT	
Phase 3 Paving	Onsite truck	0		HHDT	
Phase 3 Architectural Coating					
Phase 3 Architectural Coating	Worker	2.23	18.5	LDA,LDT1,LDT2	
Phase 3 Architectural Coating	Vendor	0	10.2	HHDT,MHDT	
Phase 3 Architectural Coating	Hauling	0	20	HHDT	
Phase 3 Architectural Coating	Onsite truck	0		HHDT	
Phase 3 Building Demolition Debris Haul					
Phase 3 Building Demolition Debris Haul	Worker	0	18.5	LDA,LDT1,LDT2	
Phase 3 Building Demolition Debris Haul	Vendor	0	10.2	HHDT,MHDT	
Phase 3 Building Demolition Debris Haul	Hauling	2	20	HHDT	
Phase 3 Building Demolition Debris Haul	Onsite truck	0		HHDT	
Phase 3 Asphalt Demolition					
Phase 3 Asphalt Demolition	Worker	0	18.5	LDA,LDT1,LDT2	
Phase 3 Asphalt Demolition	Vendor	0	10.2	HHDT,MHDT	
Phase 3 Asphalt Demolition	Hauling	0	20	HHDT	
Phase 3 Asphalt Demolition	Onsite truck	0		HHDT	
Phase 3 Asphalt Demolition Debris Haul					
Phase 3 Asphalt Demolition Debris Haul	Worker	0	18.5	LDA,LDT1,LDT2	
Phase 3 Asphalt Demolition Debris Haul	Vendor	0	10.2	HHDT,MHDT	
Phase 3 Asphalt Demolition Debris Haul	Hauling	2	20	HHDT	
Phase 3 Asphalt Demolition Debris Haul	Onsite truck	0		HHDT	
Phase 3 Fine Grading					
Phase 3 Fine Grading	Worker	10	18.5	LDA,LDT1,LDT2	
Phase 3 Fine Grading	Vendor	10	10.2	HHDT,MHDT	
Phase 3 Fine Grading	Hauling	0	20	HHDT	
Phase 3 Fine Grading	Onsite truck	0		HHDT	
Phase 3 Utility Trenching					
Phase 3 Utility Trenching	Worker	2.5	18.5	LDA,LDT1,LDT2	
Phase 3 Utility Trenching	Vendor	0	10.2	HHDT,MHDT	
Phase 3 Utility Trenching	Hauling	0	20	HHDT	
Phase 3 Utility Trenching	Onsite truck	0		HHDT	
Phase 3 Finishing/Landscaping					
Phase 3 Finishing/Landscaping	Worker	2.5	18.5	LDA,LDT1,LDT2	
Phase 3 Finishing/Landscaping	Vendor	0	10.2	HHDT,MHDT	
Phase 3 Finishing/Landscaping	Hauling	0	20	HHDT	
Phase 3 Finishing/Landscaping	Onsite truck	0		HHDT	

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55	55
Limit vehicle speeds on unpaved roads to 25 mph	44	44
Sweep paved roads once per month	9	9

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coate	Residential Exterior Area Coa	Non-Residential Interior Are	Non-Residential Exterior Are	Parking Area Coated (sq ft)
Phase 3 Architectural Coating	0	0	39750	13250	2183

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards	Material Exported (Cubic Yar	Acres Graded (acres)	Material Demolished (Ton of	Acres Paved (acres)
Phase 3 Building Demolition	0	0	0	0	
Phase 3 Building Demolition Debris Haul	0	0	0	1647	
Phase 3 Asphalt Demolition	0	0	0	0	
Phase 3 Asphalt Demolition Debris Haul	0	0	0	427	
Phase 3 Site Preparation	0	0	0	0	
Phase 3 Rough Grading	0	0	8	0	
Phase 3 Fine Grading	0	0	7	0	
Phase 3 Paving	0	0	0	0	1.04

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61	61
Water Demolished Area	2	36	36

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Elementary School	0	0
Parking Lot	0.53	100
Other Asphalt Surfaces	0.06	100
Other Non-Asphalt Surfaces	0.25	0
Other Non-Asphalt Surfaces	0.21	0

5.8. Construction Electricity Consumption and Emissions Factors

Year	kWh per Year	CO2	CH4	N2O
2028	0	450	0.03	< 0.005
2029	0	450	0.03	< 0.005
2030	0	450	0.03	< 0.005

8. User Changes to Default Data

Screen	Justification

Characteristics: Project Details	
Characteristics: Utility Information	SCE 2021 Sustainability Report
Land Use	two story building to be constructed
Construction: Construction Phases	based on CalEEMod default schedule, normalized to fit duration provided by District
Construction: Off-Road Equipment	based on information provided by the District, CalEEMod defaults used for grading and building construction activities.
Construction: Architectural Coatings	South Coast AQMD Rule 1113. Parking Area considers parking lot, asphalt surfaces, and landscaped surfaces
Construction: Electricity	2021 SCE Sustainability Report
Construction: Trips and VMT	see assumptions file for debris hauling and water truck trip calculations

LST Worksheets

Construction Localized Significance Thresholds: Building and Asphalt Demolition and Demolition Debris Haul

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.50	25	82	25	82	1.97

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	8	1	0.5
NOx	**125**	Tractors	0.5	0.0625	8	2	1
CO	**694**	Graders	0.5	0.0625			0
PM10	**5.00**	Dozers	0.5	0.0625			0
PM2.5	**3.50**	Scrapers	1	0.125			0
						Acres	1.50

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		125	124	139	171	254
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		695	1023	1464	2664	8085
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		5	16	31	61	150
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		4	5	9	20	80

Northwest Coastal LA County

1.50 Acres

	25	**50**	**100**	**200**	**500**
NOx	125	124	139	171	254
CO	695	1023	1464	2664	8085
PM10	5	16	31	61	150
PM2.5	4	5	9	20	80

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Building and Asphalt Demolition and Demolition Debris Haul, Site Preparation

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.97	25	82	25	82	1.97

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	8	1	0.5
NOx	**146**	Tractors	0.5	0.0625	8	2	1
CO	**819**	Tractors	0.5	0.0625	8	3	1.5
PM10	**5.94**	Tractors	0.5	0.0625	8	1	0.5
PM2.5	**3.97**	Graders	0.5	0.0625			0
		Dozers	0.5	0.0625			0
		Scrapers	1	0.125			0
						Acres	3.50

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		146	142	155	185	261
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		819	1202	1681	2943	8424
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		6	19	34	64	154
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		4	5	10	21	82

Northwest Coastal LA County

1.97 Acres

	25	**50**	**100**	**200**	**500**
NOx	146	142	155	185	261
CO	819	1202	1681	2943	8424
PM10	6	19	34	64	154
PM2.5	4	5	10	21	82

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Site Preparation

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.97	25	82	25	82	1.97

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	8	3	1.5
NOx	**146**	Tractors	0.5	0.0625	8	1	0.5
CO	**819**	Graders	0.5	0.0625			0
PM10	**5.94**	Dozers	0.5	0.0625			0
PM2.5	**3.97**	Scrapers	1	0.125			0
						Acres	2.00

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		146	142	155	185	261
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		819	1202	1681	2943	8424
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		6	19	34	64	154
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		4	5	10	21	82

Northwest Coastal LA County

1.97 Acres

	25	**50**	**100**	**200**	**500**
NOx	146	142	155	185	261
CO	819	1202	1681	2943	8424
PM10	6	19	34	64	154
PM2.5	4	5	10	21	82

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Site Preparation and Rough Grading

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.97	25	82	25	82	1.97

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	8	3	1.5
NOx	**146**	Tractors	0.5	0.0625	8	1	0.5
CO	**819**	Tractors	0.5	0.0625	7	2	0.875
PM10	**5.94**	Graders	0.5	0.0625	8	1	0.5
PM2.5	**3.97**	Dozers	0.5	0.0625	8	1	0.5
		Scrapers	1	0.125			0
						Acres	3.88

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		146	142	155	185	261
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		819	1202	1681	2943	8424
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		6	19	34	64	154
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		4	5	10	21	82

Northwest Coastal LA County

1.97 Acres

	25	**50**	**100**	**200**	**500**
NOx	146	142	155	185	261
CO	819	1202	1681	2943	8424
PM10	6	19	34	64	154
PM2.5	4	5	10	21	82

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Rough Grading

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.88	25	82	25	82	1.97

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	7	2	0.875
NOx	**142**	Graders	0.5	0.0625	8	1	0.5
CO	**794**	Dozers	0.5	0.0625	8	1	0.5
PM10	**5.75**	Scrapers	1	0.125			0
PM2.5	**3.87**					**Acres**	1.88

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		142	138	152	182	260
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		794	1166	1637	2887	8356
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		6	18	33	63	153
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		4	5	10	21	81

Northwest Coastal LA County

1.88 Acres

	25	**50**	**100**	**200**	**500**
NOx	142	138	152	182	260
CO	794	1166	1637	2887	8356
PM10	6	18	33	63	153
PM2.5	4	5	10	21	81

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Fine Grading

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.88	25	82	25	82	1.97

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	7	2	0.875
NOx	**142**	Graders	0.5	0.0625	8	1	0.5
CO	**794**	Dozers	0.5	0.0625	8	1	0.5
PM10	**5.75**	Scrapers	1	0.125			0
PM2.5	**3.87**					**Acres**	1.88

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		142	138	152	182	260
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		794	1166	1637	2887	8356
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		6	18	33	63	153
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		4	5	10	21	81

Northwest Coastal LA County

1.88 Acres

	25	**50**	**100**	**200**	**500**
NOx	142	138	152	182	260
CO	794	1166	1637	2887	8356
PM10	6	18	33	63	153
PM2.5	4	5	10	21	81

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Fine Grading and Utilities Trenching

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.88	25	82	25	82	1.97

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	7	2	0.875
NOx	**142**	Graders	0.5	0.0625	8	1	0.5
CO	**794**	Dozers	0.5	0.0625	8	1	0.5
PM10	**5.75**	Scrapers	1	0.125			0
PM2.5	**3.87**					**Acres**	1.88

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		142	138	152	182	260
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		794	1166	1637	2887	8356
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		6	18	33	63	153
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		4	5	10	21	81

Northwest Coastal LA County

1.88 Acres

	25	**50**	**100**	**200**	**500**
NOx	142	138	152	182	260
CO	794	1166	1637	2887	8356
PM10	6	18	33	63	153
PM2.5	4	5	10	21	81

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Utilities Trenching

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	0.00	25	82	25	82	1.97

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625			0
NOx	**103**	Graders	0.5	0.0625			0
CO	**562**	Dozers	0.5	0.0625			0
PM10	**4.00**	Scrapers	1	0.125			0
PM2.5	**3.00**					**Acres**	0.00

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	1	103	104	121	156	245
		103	104	121	156	245
CO	1	562	833	1233	2367	7724
	1	562	833	1233	2367	7724
		562	833	1233	2367	7724
PM10	1	4	12	27	57	146
	1	4	12	27	57	146
		4	12	27	57	146
PM2.5	1	3	4	8	18	77
	1	3	4	8	18	77
		3	4	8	18	77

Northwest Coastal LA County

0.00 Acres

	25	**50**	**100**	**200**	**500**
NOx	103	104	121	156	245
CO	562	833	1233	2367	7724
PM10	4	12	27	57	146
PM2.5	3	4	8	18	77

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	1
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Utilities Trenching and Building Construction

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	0.38	25	82	25	82	1.97

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	6	1	0.375
NOx	**103**	Graders	0.5	0.0625			0
CO	**562**	Dozers	0.5	0.0625			0
PM10	**4.00**	Scrapers	1	0.125			0
PM2.5	**3.00**					**Acres**	0.38

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	1	103	104	121	156	245
		103	104	121	156	245
CO	1	562	833	1233	2367	7724
	1	562	833	1233	2367	7724
		562	833	1233	2367	7724
PM10	1	4	12	27	57	146
	1	4	12	27	57	146
		4	12	27	57	146
PM2.5	1	3	4	8	18	77
	1	3	4	8	18	77
		3	4	8	18	77

Northwest Coastal LA County

0.38 Acres

	25	**50**	**100**	**200**	**500**
NOx	103	104	121	156	245
CO	562	833	1233	2367	7724
PM10	4	12	27	57	146
PM2.5	3	4	8	18	77

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	1
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Building Construction

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	0.38	25	82	25	82	1.97

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	6	1	0.375
NOx	**103**	Graders	0.5	0.0625			0
CO	**562**	Dozers	0.5	0.0625			0
PM10	**4.00**	Scrapers	1	0.125			0
PM2.5	**3.00**					**Acres**	0.38

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	1	103	104	121	156	245
		103	104	121	156	245
CO	1	562	833	1233	2367	7724
	1	562	833	1233	2367	7724
		562	833	1233	2367	7724
PM10	1	4	12	27	57	146
	1	4	12	27	57	146
		4	12	27	57	146
PM2.5	1	3	4	8	18	77
	1	3	4	8	18	77
		3	4	8	18	77

Northwest Coastal LA County

0.38 Acres

	25	**50**	**100**	**200**	**500**
NOx	103	104	121	156	245
CO	562	833	1233	2367	7724
PM10	4	12	27	57	146
PM2.5	3	4	8	18	77

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	1
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Building Construction, Paving, and Architectural Coating

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.38	25	82	25	82	1.97

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	6	1	0.375
NOx	**120**	Tractors	0.5	0.0625	8	2	1
CO	**661**	Graders	0.5	0.0625			0
PM10	**4.75**	Dozers	0.5	0.0625			0
PM2.5	**3.37**	Scrapers	1	0.125			0
						Acres	1.38

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		120	119	134	167	251
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		661	976	1406	2590	7995
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		5	15	30	60	149
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		3	4	9	19	79

Northwest Coastal LA County

1.38 Acres

	25	**50**	**100**	**200**	**500**
NOx	120	119	134	167	251
CO	661	976	1406	2590	7995
PM10	5	15	30	60	149
PM2.5	3	4	9	19	79

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Building Construction, Paving, Architectural Coating, and Finishing and Landscaping

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.38	25	82	25	82	1.97

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	6	1	0.375
NOx	**120**	Tractors	0.5	0.0625	8	2	1
CO	**661**	Graders	0.5	0.0625			0
PM10	**4.75**	Dozers	0.5	0.0625			0
PM2.5	**3.37**	Scrapers	1	0.125			0
						Acres	1.38

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		120	119	134	167	251
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		661	976	1406	2590	7995
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		5	15	30	60	149
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		3	4	9	19	79

Northwest Coastal LA County

1.38 Acres

	25	**50**	**100**	**200**	**500**
NOx	120	119	134	167	251
CO	661	976	1406	2590	7995
PM10	5	15	30	60	149
PM2.5	3	4	9	19	79

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Building and Asphalt Demolition and Demolition Debris Haul

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.50	25	82	25	82	2.82

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	8	1	0.5
NOx	**125**	Tractors	0.5	0.0625	8	2	1
CO	**694**	Graders	0.5	0.0625			0
PM10	**5.00**	Dozers	0.5	0.0625			0
PM2.5	**3.50**	Scrapers	1	0.125			0
						Acres	1.50

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		125	124	139	171	254
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		695	1023	1464	2664	8085
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		5	16	31	61	150
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		4	5	9	20	80

Northwest Coastal LA County

1.50 Acres

	25	**50**	**100**	**200**	**500**
NOx	125	124	139	171	254
CO	695	1023	1464	2664	8085
PM10	5	16	31	61	150
PM2.5	4	5	9	20	80

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Building and Asphalt Demolition and Demolition Debris Haul, Site Preparation

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	2.82	25	82	25	82	2.82

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	8	1	0.5
NOx	**167**	Tractors	0.5	0.0625	8	2	1
CO	**1,019**	Tractors	0.5	0.0625	8	3	1.5
PM10	**7.91**	Tractors	0.5	0.0625	8	1	0.5
PM2.5	**4.55**	Graders	0.5	0.0625			0
		Dozers	0.5	0.0625			0
		Scrapers	1	0.125			0
						Acres	3.50

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	2	147	143	156	186	262
	3	172	166	179	207	279
		167	162	175	203	276
CO	2	827	1213	1695	2961	8446
	3	1062	1470	2051	3435	9120
		1019	1424	1987	3350	8998
PM10	2	6	19	34	64	154
	3	8	26	41	71	161
		8	25	40	69	159
PM2.5	2	4	5	10	21	82
	3	5	6	11	24	86
		5	6	11	23	86

Northwest Coastal LA County

2.82 Acres

	25	**50**	**100**	**200**	**500**
NOx	167	162	175	203	276
CO	1019	1424	1987	3350	8998
PM10	8	25	40	69	159
PM2.5	5	6	11	23	86

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	2	2	3
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Site Preparation

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	2.00	25	82	25	82	2.82

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	8	3	1.5
NOx	**147**	Tractors	0.5	0.0625	8	1	0.5
CO	**827**	Graders	0.5	0.0625			0
PM10	**6.00**	Dozers	0.5	0.0625			0
PM2.5	**4.00**	Scrapers	1	0.125			0
						Acres	2.00

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	2	147	143	156	186	262
	2	147	143	156	186	262
		147	143	156	186	262
CO	2	827	1213	1695	2961	8446
	2	827	1213	1695	2961	8446
		827	1213	1695	2961	8446
PM10	2	6	19	34	64	154
	2	6	19	34	64	154
		6	19	34	64	154
PM2.5	2	4	5	10	21	82
	2	4	5	10	21	82
		4	5	10	21	82

Northwest Coastal LA County

2.00 Acres

	25	**50**	**100**	**200**	**500**
NOx	147	143	156	186	262
CO	827	1213	1695	2961	8446
PM10	6	19	34	64	154
PM2.5	4	5	10	21	82

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	2	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Site Preparation and Rough Grading

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	2.82	25	82	25	82	2.82

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	8	3	1.5
NOx	**167**	Tractors	0.5	0.0625	8	1	0.5
CO	**1,019**	Tractors	0.5	0.0625	7	2	0.875
PM10	**7.91**	Graders	0.5	0.0625	8	1	0.5
PM2.5	**4.55**	Dozers	0.5	0.0625	8	1	0.5
		Scrapers	1	0.125			0
						Acres	3.88

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	2	147	143	156	186	262
	3	172	166	179	207	279
		167	162	175	203	276
CO	2	827	1213	1695	2961	8446
	3	1062	1470	2051	3435	9120
		1019	1424	1987	3350	8998
PM10	2	6	19	34	64	154
	3	8	26	41	71	161
		8	25	40	69	159
PM2.5	2	4	5	10	21	82
	3	5	6	11	24	86
		5	6	11	23	86

Northwest Coastal LA County

2.82 Acres

	25	**50**	**100**	**200**	**500**
NOx	167	162	175	203	276
CO	1019	1424	1987	3350	8998
PM10	8	25	40	69	159
PM2.5	5	6	11	23	86

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	2	2	3
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Rough Grading

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.88	25	82	25	82	2.82

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	7	2	0.875
NOx	**142**	Graders	0.5	0.0625	8	1	0.5
CO	**794**	Dozers	0.5	0.0625	8	1	0.5
PM10	**5.75**	Scrapers	1	0.125			0
PM2.5	**3.87**					**Acres**	1.88

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		142	138	152	182	260
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		794	1166	1637	2887	8356
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		6	18	33	63	153
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		4	5	10	21	81

Northwest Coastal LA County

1.88 Acres

	25	**50**	**100**	**200**	**500**
NOx	142	138	152	182	260
CO	794	1166	1637	2887	8356
PM10	6	18	33	63	153
PM2.5	4	5	10	21	81

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Fine Grading

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.88	25	82	25	82	2.82

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	7	2	0.875
NOx	**142**	Graders	0.5	0.0625	8	1	0.5
CO	**794**	Dozers	0.5	0.0625	8	1	0.5
PM10	**5.75**	Scrapers	1	0.125			0
PM2.5	**3.87**					**Acres**	1.88

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		142	138	152	182	260
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		794	1166	1637	2887	8356
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		6	18	33	63	153
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		4	5	10	21	81

Northwest Coastal LA County

1.88 Acres

	25	**50**	**100**	**200**	**500**
NOx	142	138	152	182	260
CO	794	1166	1637	2887	8356
PM10	6	18	33	63	153
PM2.5	4	5	10	21	81

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Fine Grading and Utilities Trenching

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.88	25	82	25	82	2.82

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	7	2	0.875
NOx	**142**	Graders	0.5	0.0625	8	1	0.5
CO	**794**	Dozers	0.5	0.0625	8	1	0.5
PM10	**5.75**	Scrapers	1	0.125			0
PM2.5	**3.87**					**Acres**	1.88

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		142	138	152	182	260
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		794	1166	1637	2887	8356
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		6	18	33	63	153
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		4	5	10	21	81

Northwest Coastal LA County

1.88 Acres

	25	**50**	**100**	**200**	**500**
NOx	142	138	152	182	260
CO	794	1166	1637	2887	8356
PM10	6	18	33	63	153
PM2.5	4	5	10	21	81

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Utilities Trenching

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	0.00	25	82	25	82	2.82

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625			0
NOx	**103**	Graders	0.5	0.0625			0
CO	**562**	Dozers	0.5	0.0625			0
PM10	**4.00**	Scrapers	1	0.125			0
PM2.5	**3.00**					**Acres**	0.00

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	1	103	104	121	156	245
		103	104	121	156	245
CO	1	562	833	1233	2367	7724
	1	562	833	1233	2367	7724
		562	833	1233	2367	7724
PM10	1	4	12	27	57	146
	1	4	12	27	57	146
		4	12	27	57	146
PM2.5	1	3	4	8	18	77
	1	3	4	8	18	77
		3	4	8	18	77

Northwest Coastal LA County

0.00 Acres

	25	**50**	**100**	**200**	**500**
NOx	103	104	121	156	245
CO	562	833	1233	2367	7724
PM10	4	12	27	57	146
PM2.5	3	4	8	18	77

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	1
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Utilities Trenching and Building Construction

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	0.38	25	82	25	82	2.82

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	6	1	0.375
NOx	**103**	Graders	0.5	0.0625			0
CO	**562**	Dozers	0.5	0.0625			0
PM10	**4.00**	Scrapers	1	0.125			0
PM2.5	**3.00**					**Acres**	0.38

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	1	103	104	121	156	245
		103	104	121	156	245
CO	1	562	833	1233	2367	7724
	1	562	833	1233	2367	7724
		562	833	1233	2367	7724
PM10	1	4	12	27	57	146
	1	4	12	27	57	146
		4	12	27	57	146
PM2.5	1	3	4	8	18	77
	1	3	4	8	18	77
		3	4	8	18	77

Northwest Coastal LA County

0.38 Acres

	25	**50**	**100**	**200**	**500**
NOx	103	104	121	156	245
CO	562	833	1233	2367	7724
PM10	4	12	27	57	146
PM2.5	3	4	8	18	77

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	1
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Building Construction

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	0.38	25	82	25	82	2.82

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	6	1	0.375
NOx	**103**	Graders	0.5	0.0625			0
CO	**562**	Dozers	0.5	0.0625			0
PM10	**4.00**	Scrapers	1	0.125			0
PM2.5	**3.00**					**Acres**	0.38

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	1	103	104	121	156	245
		103	104	121	156	245
CO	1	562	833	1233	2367	7724
	1	562	833	1233	2367	7724
		562	833	1233	2367	7724
PM10	1	4	12	27	57	146
	1	4	12	27	57	146
		4	12	27	57	146
PM2.5	1	3	4	8	18	77
	1	3	4	8	18	77
		3	4	8	18	77

Northwest Coastal LA County

0.38 Acres

	25	**50**	**100**	**200**	**500**
NOx	103	104	121	156	245
CO	562	833	1233	2367	7724
PM10	4	12	27	57	146
PM2.5	3	4	8	18	77

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	1
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Building Construction, Paving, and Architectural Coating

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.38	25	82	25	82	2.82

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	6	1	0.375
NOx	**120**	Tractors	0.5	0.0625	8	2	1
CO	**661**	Graders	0.5	0.0625			0
PM10	**4.75**	Dozers	0.5	0.0625			0
PM2.5	**3.37**	Scrapers	1	0.125			0
						Acres	1.38

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		120	119	134	167	251
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		661	976	1406	2590	7995
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		5	15	30	60	149
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		3	4	9	19	79

Northwest Coastal LA County

1.38 Acres

	25	**50**	**100**	**200**	**500**
NOx	120	119	134	167	251
CO	661	976	1406	2590	7995
PM10	5	15	30	60	149
PM2.5	3	4	9	19	79

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Building Construction, Paving, Architectural Coating, and Finishing and Landscaping

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.38	25	82	25	82	2.82

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	6	1	0.375
NOx	**120**	Tractors	0.5	0.0625	8	2	1
CO	**661**	Graders	0.5	0.0625			0
PM10	**4.75**	Dozers	0.5	0.0625			0
PM2.5	**3.37**	Scrapers	1	0.125			0
						Acres	1.38

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		120	119	134	167	251
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		661	976	1406	2590	7995
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		5	15	30	60	149
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		3	4	9	19	79

Northwest Coastal LA County

1.38 Acres

	25	**50**	**100**	**200**	**500**
NOx	120	119	134	167	251
CO	661	976	1406	2590	7995
PM10	5	15	30	60	149
PM2.5	3	4	9	19	79

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Building and Asphalt Demolition and Demolition Debris Haul

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.35	25	82	25	82	1.35

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	8	1	0.5
NOx	**118**	Tractors	0.5	0.0625	8	2	1
CO	**655**	Graders	0.5	0.0625			0
PM10	**4.70**	Dozers	0.5	0.0625			0
PM2.5	**3.35**	Scrapers	1	0.125			0
						Acres	1.50

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		118	118	133	167	251
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		655	966	1395	2575	7977
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		5	14	29	59	149
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		3	4	9	19	79

Northwest Coastal LA County

1.35 Acres

	25	**50**	**100**	**200**	**500**
NOx	118	118	133	167	251
CO	655	966	1395	2575	7977
PM10	5	14	29	59	149
PM2.5	3	4	9	19	79

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Building and Asphalt Demolition and Demolition Debris Haul, Site Preparation

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.35	25	82	25	82	1.35

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	8	1	0.5
NOx	**118**	Tractors	0.5	0.0625	8	2	1
CO	**655**	Tractors	0.5	0.0625	8	3	1.5
PM10	**4.70**	Tractors	0.5	0.0625	8	1	0.5
PM2.5	**3.35**	Graders	0.5	0.0625			0
		Dozers	0.5	0.0625			0
		Scrapers	1	0.125			0
						Acres	3.50

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		118	118	133	167	251
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		655	966	1395	2575	7977
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		5	14	29	59	149
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		3	4	9	19	79

Northwest Coastal LA County

1.35 Acres

	25	**50**	**100**	**200**	**500**
NOx	118	118	133	167	251
CO	655	966	1395	2575	7977
PM10	5	14	29	59	149
PM2.5	3	4	9	19	79

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Site Preparation

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.35	25	82	25	82	1.35

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	8	3	1.5
NOx	**118**	Tractors	0.5	0.0625	8	1	0.5
CO	**655**	Graders	0.5	0.0625			0
PM10	**4.70**	Dozers	0.5	0.0625			0
PM2.5	**3.35**	Scrapers	1	0.125			0
						Acres	2.00

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		118	118	133	167	251
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		655	966	1395	2575	7977
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		5	14	29	59	149
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		3	4	9	19	79

Northwest Coastal LA County

1.35 Acres

	25	**50**	**100**	**200**	**500**
NOx	118	118	133	167	251
CO	655	966	1395	2575	7977
PM10	5	14	29	59	149
PM2.5	3	4	9	19	79

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Site Preparation and Rough Grading

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.35	25	82	25	82	1.35

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	8	3	1.5
NOx	**118**	Tractors	0.5	0.0625	8	1	0.5
CO	**655**	Tractors	0.5	0.0625	7	2	0.875
PM10	**4.70**	Graders	0.5	0.0625	8	1	0.5
PM2.5	**3.35**	Dozers	0.5	0.0625	8	1	0.5
		Scrapers	1	0.125			0
						Acres	3.88

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		118	118	133	167	251
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		655	966	1395	2575	7977
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		5	14	29	59	149
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		3	4	9	19	79

Northwest Coastal LA County

1.35 Acres

	25	**50**	**100**	**200**	**500**
NOx	118	118	133	167	251
CO	655	966	1395	2575	7977
PM10	5	14	29	59	149
PM2.5	3	4	9	19	79

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Rough Grading

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.35	25	82	25	82	1.35

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	7	2	0.875
NOx	**118**	Graders	0.5	0.0625	8	1	0.5
CO	**655**	Dozers	0.5	0.0625	8	1	0.5
PM10	**4.70**	Scrapers	1	0.125			0
PM2.5	**3.35**					**Acres**	1.88

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		118	118	133	167	251
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		655	966	1395	2575	7977
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		5	14	29	59	149
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		3	4	9	19	79

Northwest Coastal LA County

1.35 Acres

	25	**50**	**100**	**200**	**500**
NOx	118	118	133	167	251
CO	655	966	1395	2575	7977
PM10	5	14	29	59	149
PM2.5	3	4	9	19	79

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Fine Grading

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.35	25	82	25	82	1.35

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	7	2	0.875
NOx	**119**	Graders	0.5	0.0625	8	1	0.5
CO	**655**	Dozers	0.5	0.0625	8	1	0.5
PM10	**4.70**	Scrapers	1	0.125			0
PM2.5	**3.35**					**Acres**	1.88

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		119	118	133	167	251
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		656	967	1396	2577	7979
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		5	14	29	59	149
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		3	4	9	19	79

Northwest Coastal LA County

1.35 Acres

	25	**50**	**100**	**200**	**500**
NOx	119	118	133	167	251
CO	656	967	1396	2577	7979
PM10	5	14	29	59	149
PM2.5	3	4	9	19	79

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Fine Grading and Utilities Trenching

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.35	25	82	25	82	1.35

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	7	2	0.875
NOx	**118**	Graders	0.5	0.0625	8	1	0.5
CO	**655**	Dozers	0.5	0.0625	8	1	0.5
PM10	**4.70**	Scrapers	1	0.125			0
PM2.5	**3.35**					**Acres**	1.88

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		118	118	133	167	251
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		655	966	1395	2575	7977
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		5	14	29	59	149
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		3	4	9	19	79

Northwest Coastal LA County

1.35 Acres

	25	**50**	**100**	**200**	**500**
NOx	118	118	133	167	251
CO	655	966	1395	2575	7977
PM10	5	14	29	59	149
PM2.5	3	4	9	19	79

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Utilities Trenching

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	0.00	25	82	25	82	1.35

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625			0
NOx	**103**	Graders	0.5	0.0625			0
CO	**562**	Dozers	0.5	0.0625			0
PM10	**4.00**	Scrapers	1	0.125			0
PM2.5	**3.00**					**Acres**	0.00

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	1	103	104	121	156	245
		103	104	121	156	245
CO	1	562	833	1233	2367	7724
	1	562	833	1233	2367	7724
		562	833	1233	2367	7724
PM10	1	4	12	27	57	146
	1	4	12	27	57	146
		4	12	27	57	146
PM2.5	1	3	4	8	18	77
	1	3	4	8	18	77
		3	4	8	18	77

Northwest Coastal LA County

0.00 Acres

	25	**50**	**100**	**200**	**500**
NOx	103	104	121	156	245
CO	562	833	1233	2367	7724
PM10	4	12	27	57	146
PM2.5	3	4	8	18	77

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	1
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Utilities Trenching and Building Construction

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	0.38	25	82	25	82	1.35

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	6	1	0.375
NOx	**103**	Graders	0.5	0.0625			0
CO	**562**	Dozers	0.5	0.0625			0
PM10	**4.00**	Scrapers	1	0.125			0
PM2.5	**3.00**					**Acres**	0.38

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	1	103	104	121	156	245
		103	104	121	156	245
CO	1	562	833	1233	2367	7724
	1	562	833	1233	2367	7724
		562	833	1233	2367	7724
PM10	1	4	12	27	57	146
	1	4	12	27	57	146
		4	12	27	57	146
PM2.5	1	3	4	8	18	77
	1	3	4	8	18	77
		3	4	8	18	77

Northwest Coastal LA County

0.38 Acres

	25	**50**	**100**	**200**	**500**
NOx	103	104	121	156	245
CO	562	833	1233	2367	7724
PM10	4	12	27	57	146
PM2.5	3	4	8	18	77

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	1
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Building Construction

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	0.38	25	82	25	82	1.35

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	6	1	0.375
NOx	**103**	Graders	0.5	0.0625			0
CO	**562**	Dozers	0.5	0.0625			0
PM10	**4.00**	Scrapers	1	0.125			0
PM2.5	**3.00**					**Acres**	0.38

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	1	103	104	121	156	245
		103	104	121	156	245
CO	1	562	833	1233	2367	7724
	1	562	833	1233	2367	7724
		562	833	1233	2367	7724
PM10	1	4	12	27	57	146
	1	4	12	27	57	146
		4	12	27	57	146
PM2.5	1	3	4	8	18	77
	1	3	4	8	18	77
		3	4	8	18	77

Northwest Coastal LA County

0.38 Acres

	25	**50**	**100**	**200**	**500**
NOx	103	104	121	156	245
CO	562	833	1233	2367	7724
PM10	4	12	27	57	146
PM2.5	3	4	8	18	77

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	1
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Building Construction, Paving, and Architectural Coating

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.35	25	82	25	82	1.35

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	6	1	0.375
NOx	**118**	Tractors	0.5	0.0625	8	2	1
CO	**655**	Graders	0.5	0.0625			0
PM10	**4.70**	Dozers	0.5	0.0625			0
PM2.5	**3.35**	Scrapers	1	0.125			0
						Acres	1.38

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		118	118	133	167	251
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		655	966	1395	2575	7977
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		5	14	29	59	149
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		3	4	9	19	79

Northwest Coastal LA County

1.35 Acres

	25	**50**	**100**	**200**	**500**
NOx	118	118	133	167	251
CO	655	966	1395	2575	7977
PM10	5	14	29	59	149
PM2.5	3	4	9	19	79

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Construction Localized Significance Thresholds: Building Construction, Paving, Architectural Coating, and Finishing and Landscaping

		NOx & CO		*PM10 & PM2.5*		
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)
2	1.35	25	82	25	82	1.35

Source Receptor	**Northwest Coastal LA County**	**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25	Tractors	0.5	0.0625	6	1	0.375
NOx	**118**	Tractors	0.5	0.0625	8	2	1
CO	**655**	Graders	0.5	0.0625			0
PM10	**4.70**	Dozers	0.5	0.0625			0
PM2.5	**3.35**	Scrapers	1	0.125			0
						Acres	1.38

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	103	104	121	156	245
	2	147	143	156	186	262
		118	118	133	167	251
CO	1	562	833	1233	2367	7724
	2	827	1213	1695	2961	8446
		655	966	1395	2575	7977
PM10	1	4	12	27	57	146
	2	6	19	34	64	154
		5	14	29	59	149
PM2.5	1	3	4	8	18	77
	2	4	5	10	21	82
		3	4	9	19	79

Northwest Coastal LA County

1.35 Acres

	25	**50**	**100**	**200**	**500**
NOx	118	118	133	167	251
CO	655	966	1395	2575	7977
PM10	5	14	29	59	149
PM2.5	3	4	9	19	79

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
2	1	2	2
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008