

Appendix 3-12 Detailed Breakdown from Background, Road and Chimney Emissions for "With Project" Scenario in Year 2021
Grid[25,30]

NO₂

1.5mAG

ASR	X	Y	Z	NO ₂ Concentration, µg/m ³							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average
A017	831029	823438	1.5	190.4	45.4	183.7	38.7	6.6	6.7	0.0	0.03
A018	831099	823436	1.5	191.0	46.2	189.7	38.7	1.2	7.5	0.0	0.03
A019	831031	823405	1.5	189.1	44.8	183.7	38.7	5.4	6.1	0.0	0.03
A020	831038	823364	1.5	188.0	43.8	183.7	38.7	4.3	5.1	0.0	0.03
A021	831015	823355	1.5	186.8	43.6	186.1	38.7	0.7	4.9	0.0	0.03
A023	831142	823291	1.5	192.1	42.2	189.7	38.7	2.4	3.5	0.0	0.03
A024	831146	823206	1.5	191.2	41.7	153.3	38.7	32.3	3.0	5.6	0.03
A025	831032	823143	1.5	187.7	43.9	174.2	38.7	13.6	5.3	0.0	0.02
A026	831007	823097	1.5	187.7	43.3	177.4	38.7	10.3	4.6	0.0	0.02
A027	830996	823048	1.5	186.5	41.9	177.4	38.7	9.1	3.2	0.0	0.02
A028	831002	822964	1.5	183.7	40.7	153.3	38.7	30.4	2.0	0.0	0.02
A029	831102	823086	1.5	187.3	43.4	153.3	38.7	32.4	4.7	1.7	0.02
A030	831112	823014	1.5	187.0	42.2	186.1	38.7	0.9	3.5	0.0	0.02
A031	831131	822963	1.5	186.4	41.6	153.3	38.7	32.4	2.9	0.7	0.01
A032	830865	822981	1.5	186.2	61.0	183.7	38.7	2.4	22.4	0.0	0.02
A033	830756	823064	1.5	183.7	54.1	183.7	38.7	0.0	15.4	0.0	0.02
A034	830761	823119	1.5	183.7	55.1	183.7	38.7	0.0	16.5	0.0	0.02
A035	830687	823361	16.5	183.7	49.4	183.7	38.7	0.0	10.7	0.0	0.05
A036	830701	823494	16.5	184.4	50.3	184.0	38.7	0.4	11.6	0.0	0.07
A060	831240	823247	1.5	192.0	40.8	189.7	38.7	2.3	2.1	0.0	0.02
A061	831225	823116	1.5	190.3	41.0	184.0	38.7	6.3	2.3	0.0	0.02
A062	831158	823053	1.5	190.6	41.3	153.3	38.7	33.0	2.6	4.2	0.02
A063	831044	823078	1.5	196.7	46.8	139.5	38.7	57.2	8.2	0.0	0.02
A066	831080	823350	1.5	188.3	44.4	174.2	38.7	14.2	5.7	0.0	0.03
A067	831076	823318	1.5	187.9	44.2	177.4	38.7	10.5	5.6	0.0	0.03
A070	831181	823410	1.5	188.9	42.1	180.0	38.7	8.9	3.4	0.0	0.03

5mAG

ASR	X	Y	Z	NO ₂ Concentration, µg/m ³							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average
A017	831029	823438	5	189.5	44.7	153.3	39	27.3	6.0	8.8	0.03
A018	831099	823436	5	189.5	45.3	153.3	39	31.7	6.6	4.5	0.03
A019	831031	823405	5	187.9	44.1	153.3	39	25.2	5.4	9.4	0.03
A021	831015	823355	5	186.6	43.0	177.4	39	9.2	4.3	0.0	0.03
A023	831142	823291	5	192.3	41.7	153.3	39	32.3	3.0	6.7	0.03
A024	831146	823206	5	191.2	41.4	153.3	39	32.4	2.7	5.6	0.02
A025	831032	823143	5	187.1	43.2	186.1	39	1.0	4.5	0.0	0.02
A026	831007	823097	5	186.7	42.6	186.1	39	0.6	3.9	0.0	0.02
A027	830996	823048	5	184.9	41.4	177.4	39	7.5	2.7	0.0	0.02
A028	831002	822964	5	182.4	40.5	181.8	39	0.6	1.8	0.0	0.02
A029	831102	823086	5	186.9	42.2	153.3	39	31.9	3.5	1.7	0.02
A030	831112	823014	5	186.8	41.4	177.4	39	9.3	2.8	0.0	0.02
A031	831131	822963	5	186.2	40.9	153.3	39	32.2	2.2	0.7	0.01
A032	830865	822981	5	183.2	58.9	180.0	39	3.3	20.2	0.0	0.02
A033	830756	823064	5	183.7	53.7	183.7	39	0.0	15.0	0.0	0.02
A034	830761	823119	5	183.7	54.6	183.7	39	0.0	15.9	0.0	0.02
A035	830687	823361	20	182.7	48.5	173.9	39	8.8	9.8	0.0	0.05
A036	830701	823494	20	184.2	49.1	184.0	39	0.2	10.4	0.0	0.07
A060	831240	823247	5	191.6	40.6	189.7	39	1.9	1.9	0.0	0.02
A061	831225	823116	5	190.3	40.6	157.5	39	32.8	2.0	0.0	0.02
A062	831158	823053	5	190.1	40.9	184.0	39	6.1	2.2	0.0	0.02
A063	831044	823078	5	195.5	46.4	139.5	39	56.0	7.8	0.0	0.02
A066	831080	823350	5	187.5	43.7	177.4	39	10.1	5.0	0.0	0.03
A067	831076	823318	5	187.4	43.5	177.4	39	10.0	4.9	0.0	0.03

10mAG

ASR	X	Y	Z	NO ₂ Concentration, µg/m ³							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average
A017	831029	823438	10	186.9	43.7	177.4	38.7	9.5	5.1	0.0	0.03
A018	831099	823436	10	188.5	43.8	174.2	38.7	14.3	5.1	0.0	0.03
A019	831031	823405	10	186.7	43.2	177.4	38.7	9.3	4.5	0.0	0.03
A021	831015	823355	10	185.8	42.3	177.4	38.7	8.4	3.6	0.0	0.03
A023	831142	823291	10	192.2	40.9	153.3	38.7	32.4	2.2	6.5	0.03
A024	831146	823206	10	191.2	40.8	153.3	38.7	32.5	2.1	5.4	0.02
A025	831032	823143	10	186.8	42.2	186.1	38.7	0.7	3.5	0.0	0.02
A026	831007	823097	10	186.5	41.7	177.4	38.7	9.1	3.0	0.0	0.02
A027	830996	823048	10	183.6	40.8	180.0	38.7	3.6	2.1	0.0	0.02
A028	831002	822964	10	182.3	40.2	181.8	38.7	0.5	1.6	0.0	0.02
A029	831102	823086	10	186.4	40.9	177.4	38.7	9.0	2.2	0.0	0.02
A030	831112	823014	10	186.0	40.4	153.3	38.7	31.9	1.8	0.9	0.02
A031	831131	822963	10	185.0	40.1	180.0	38.7	5.0	1.4	0.0	0.01
A032	830865	822981	10	181.2	55.5	172.4	38.7	8.7	16.9	0.0	0.02
A033	830756	823064	10	183.3	52.3	172.4	38.7	10.9	13.7	0.0	0.02
A034	830761	823119	10	183.2	53.1	172.4	38.7	10.8	14.4	0.0	0.02
A035	830687	823361	25	181.1	47.2	173.9	38.7	7.3	8.5	0.0	0.05
A036	830701	823494	25	183.6	47.3	173.9	38.7	9.8	8.6	0.0	0.08
A060	831240	823247	10	191.2	40.2	189.7	38.7	1.5	1.5	0.0	0.02
A061	831225	823116	10	190.4	40.2	157.5	38.7	32.9	1.5	0.0	0.02
A062	831158	823053	10	188.4	40.3	145.5	38.7	40.0	1.6	2.9	0.02
A063	831044	823078	10	193.6	45.4	145.5	38.7	47.2	6.7	0.9	0.02
A066	831080	823350	10	187.0	42.6	177.4	38.7	9.6	3.9	0.0	0.03
A067	831076	823318	10	186.9	42.4	177.4	38.7	9.5	3.7	0.0	0.03

Appendix 3-12 Detailed Breakdown from Background, Road and Chimney Emissions for "With Project" Scenario in Year 2021
Grid[25,30]

RSP

1.5mAG

ASR	X	Y	Z	RSP Concentration, $\mu\text{g}/\text{m}^3$							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A017	831029	823438	1.5	79.6	43.0	78.8	42.7	0.7	0.4	0.02	0.002
A018	831099	823436	1.5	79.6	43.1	78.8	42.7	0.8	0.4	0.01	0.002
A019	831031	823405	1.5	79.5	43.0	78.8	42.7	0.6	0.3	0.03	0.002
A020	831038	823364	1.5	79.4	42.9	78.8	42.7	0.5	0.3	0.04	0.003
A021	831015	823355	1.5	79.4	42.9	78.8	42.7	0.5	0.2	0.04	0.003
A023	831142	823291	1.5	79.4	42.9	78.8	42.7	0.6	0.2	0.03	0.003
A024	831146	823206	1.5	79.4	42.9	78.8	42.7	0.5	0.2	0.03	0.002
A025	831032	823143	1.5	79.5	43.0	78.8	42.7	0.7	0.3	0.02	0.002
A026	831007	823097	1.5	79.5	42.9	78.8	42.7	0.7	0.2	0.01	0.002
A027	830996	823048	1.5	79.4	42.8	78.8	42.7	0.6	0.2	0.01	0.002
A028	831002	822964	1.5	79.3	42.8	78.8	42.7	0.5	0.1	0.01	0.001
A029	831102	823086	1.5	79.5	42.9	78.8	42.7	0.6	0.2	0.02	0.002
A030	831112	823014	1.5	79.4	42.8	78.8	42.7	0.6	0.2	0.02	0.002
A031	831131	822963	1.5	79.4	42.8	78.8	42.7	0.5	0.1	0.02	0.001
A032	830865	822981	1.5	81.0	44.0	80.4	42.7	0.6	1.3	0.01	0.001
A033	830756	823064	1.5	80.0	43.5	78.8	42.7	1.2	0.8	0.02	0.001
A034	830761	823119	1.5	80.0	43.5	78.8	42.7	1.2	0.9	0.02	0.001
A035	830687	823361	16.5	79.6	43.2	78.8	42.7	0.7	0.5	0.06	0.003
A036	830701	823494	16.5	79.7	43.3	78.8	42.7	0.8	0.6	0.08	0.004
A060	831240	823247	1.5	79.4	42.8	78.8	42.7	0.5	0.1	0.02	0.002
A061	831225	823116	1.5	79.4	42.8	78.8	42.7	0.5	0.1	0.02	0.002
A062	831158	823053	1.5	79.4	42.8	78.8	42.7	0.5	0.1	0.03	0.002
A063	831044	823078	1.5	80.2	43.2	78.6	42.7	1.6	0.5	0.00	0.002
A066	831080	823350	1.5	79.4	43.0	78.8	42.7	0.6	0.3	0.03	0.002
A067	831076	823318	1.5	79.4	42.9	78.8	42.7	0.6	0.3	0.03	0.002
A070	831181	823410	1.5	79.5	42.9	78.8	42.7	0.6	0.2	0.01	0.003

5mAG

ASR	X	Y	Z	RSP Concentration, $\mu\text{g}/\text{m}^3$							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A017	831029	823438	5	79.5	43.0	78.8	42.7	0.6	0.3	0.02	0.002
A018	831099	823436	5	79.5	43.0	78.8	42.7	0.7	0.3	0.01	0.002
A019	831031	823405	5	79.4	43.0	78.8	42.7	0.6	0.3	0.03	0.002
A021	831015	823355	5	79.3	42.9	78.8	42.7	0.5	0.2	0.04	0.003
A023	831142	823291	5	79.4	42.9	78.8	42.7	0.6	0.2	0.03	0.003
A024	831146	823206	5	79.4	42.8	78.8	42.7	0.5	0.2	0.03	0.002
A025	831032	823143	5	79.5	42.9	78.8	42.7	0.6	0.2	0.02	0.002
A026	831007	823097	5	79.4	42.9	78.8	42.7	0.6	0.2	0.01	0.002
A027	830996	823048	5	79.3	42.8	78.8	42.7	0.5	0.1	0.01	0.002
A028	831002	822964	5	79.3	42.8	78.8	42.7	0.4	0.1	0.01	0.001
A029	831102	823086	5	79.4	42.9	78.8	42.7	0.5	0.2	0.02	0.002
A030	831112	823014	5	79.4	42.8	78.8	42.7	0.5	0.1	0.02	0.002
A031	831131	822963	5	79.3	42.8	78.8	42.7	0.5	0.1	0.02	0.001
A032	830865	822981	5	80.9	43.8	80.4	42.7	0.5	1.1	0.01	0.001
A033	830756	823064	5	80.0	43.4	78.8	42.7	1.1	0.7	0.02	0.001
A034	830761	823119	5	80.0	43.5	78.8	42.7	1.1	0.8	0.02	0.001
A035	830687	823361	20	79.5	43.2	78.8	42.7	0.6	0.5	0.06	0.003
A036	830701	823494	20	79.6	43.2	78.8	42.7	0.7	0.5	0.08	0.004
A060	831240	823247	5	79.3	42.8	78.8	42.7	0.5	0.1	0.02	0.002
A061	831225	823116	5	79.3	42.8	78.8	42.7	0.5	0.1	0.02	0.002
A062	831158	823053	5	79.4	42.8	78.8	42.7	0.5	0.1	0.03	0.002
A063	831044	823078	5	80.1	43.2	78.6	42.7	1.5	0.5	0.00	0.002
A066	831080	823350	5	79.4	42.9	78.8	42.7	0.5	0.2	0.03	0.002
A067	831076	823318	5	79.4	42.9	78.8	42.7	0.5	0.2	0.03	0.002

10mAG

ASR	X	Y	Z	RSP Concentration, $\mu\text{g}/\text{m}^3$							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A017	831029	823438	10	79.4	42.9	78.8	42.7	0.5	0.2	0.02	0.002
A018	831099	823436	10	79.4	42.9	78.8	42.7	0.6	0.3	0.01	0.002
A019	831031	823405	10	79.3	42.9	78.8	42.7	0.5	0.2	0.03	0.003
A021	831015	823355	10	79.3	42.9	78.8	42.7	0.4	0.2	0.04	0.003
A023	831142	823291	10	79.4	42.8	78.8	42.7	0.5	0.1	0.03	0.003
A024	831146	823206	10	79.4	42.8	78.8	42.7	0.5	0.1	0.03	0.002
A025	831032	823143	10	79.4	42.9	78.8	42.7	0.5	0.2	0.02	0.002
A026	831007	823097	10	79.3	42.8	78.8	42.7	0.5	0.1	0.01	0.002
A027	830996	823048	10	79.3	42.8	78.8	42.7	0.4	0.1	0.01	0.002
A028	831002	822964	10	79.2	42.8	78.8	42.7	0.4	0.1	0.01	0.001
A029	831102	823086	10	79.3	42.8	78.8	42.7	0.5	0.1	0.02	0.002
A030	831112	823014	10	79.3	42.8	78.8	42.7	0.5	0.1	0.02	0.002
A031	831131	822963	10	79.3	42.8	78.8	42.7	0.4	0.1	0.02	0.001
A032	830865	822981	10	80.8	43.6	80.4	42.7	0.4	0.9	0.01	0.001
A033	830756	823064	10	79.9	43.4	78.8	42.7	1.0	0.7	0.02	0.001
A034	830761	823119	10	79.9	43.4	78.8	42.7	1.0	0.7	0.02	0.001
A035	830687	823361	25	79.4	43.1	78.8	42.7	0.5	0.4	0.06	0.003
A036	830701	823494	25	79.5	43.1	78.8	42.7	0.5	0.4	0.08	0.004
A060	831240	823247	10	79.3	42.8	78.8	42.7	0.4	0.1	0.02	0.002
A061	831225	823116	10	79.3	42.8	78.8	42.7	0.5	0.1	0.02	0.002
A062	831158	823053	10	79.3	42.8	78.8	42.7	0.5	0.1	0.03	0.002
A063	831044	823078	10	79.9	43.1	78.6	42.7	1.3	0.4	0.00	0.002
A066	831080	823350	10	79.3	42.9	78.8	42.7	0.5	0.2	0.03	0.002
A067	831076	823318	10	79.3	42.9	78.8	42.7	0.4	0.2	0.03	0.002

Appendix 3-12 Detailed Breakdown from Background, Road and Chimney Emissions for "With Project" Scenario in Year 2021
Grid[25,30]

FSP

1.5mAG

ASR	X	Y	Z	FSP Concentration, $\mu\text{g}/\text{m}^3$							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A017	831029	823438	1.5	59.8	30.6	59.1	30.3	0.7	0.3	0.01	0.001
A018	831099	823436	1.5	59.8	30.6	59.1	30.3	0.7	0.3	0.00	0.001
A019	831031	823405	1.5	59.7	30.6	59.1	30.3	0.6	0.3	0.01	0.001
A020	831038	823364	1.5	59.6	30.5	59.1	30.3	0.5	0.2	0.01	0.001
A021	831015	823355	1.5	59.6	30.5	59.1	30.3	0.5	0.2	0.01	0.001
A023	831142	823291	1.5	59.7	30.5	59.1	30.3	0.5	0.2	0.01	0.001
A024	831146	823206	1.5	59.6	30.5	59.1	30.3	0.5	0.2	0.01	0.001
A025	831032	823143	1.5	59.8	30.6	59.1	30.3	0.6	0.2	0.00	0.000
A026	831007	823097	1.5	59.8	30.5	59.1	30.3	0.6	0.2	0.00	0.000
A027	830996	823048	1.5	59.6	30.5	59.1	30.3	0.5	0.1	0.00	0.000
A028	831002	822964	1.5	59.5	30.4	59.1	30.3	0.4	0.1	0.00	0.000
A029	831102	823086	1.5	59.7	30.5	59.1	30.3	0.6	0.2	0.01	0.000
A030	831112	823014	1.5	59.7	30.5	59.1	30.3	0.5	0.1	0.00	0.000
A031	831131	822963	1.5	59.6	30.4	59.1	30.3	0.5	0.1	0.00	0.000
A032	830865	822981	1.5	60.8	31.5	60.3	30.3	0.5	1.2	0.00	0.000
A033	830756	823064	1.5	60.2	31.0	59.1	30.3	1.1	0.7	0.01	0.000
A034	830761	823119	1.5	60.2	31.1	59.1	30.3	1.1	0.8	0.01	0.000
A035	830687	823361	16.5	59.8	30.8	59.1	30.3	0.6	0.5	0.01	0.001
A036	830701	823494	16.5	59.9	30.8	59.1	30.3	0.7	0.5	0.02	0.001
A060	831240	823247	1.5	59.6	30.4	59.1	30.3	0.5	0.1	0.00	0.001
A061	831225	823116	1.5	59.6	30.4	59.1	30.3	0.5	0.1	0.01	0.000
A062	831158	823053	1.5	59.6	30.4	59.1	30.3	0.5	0.1	0.01	0.001
A063	831044	823078	1.5	60.3	30.8	59.4	30.3	1.0	0.5	0.00	0.000
A066	831080	823350	1.5	59.6	30.6	59.1	30.3	0.5	0.2	0.01	0.001
A067	831076	823318	1.5	59.6	30.5	59.1	30.3	0.5	0.2	0.01	0.001
A070	831181	823410	1.5	59.7	30.5	59.1	30.3	0.6	0.2	0.00	0.001

5mAG

ASR	X	Y	Z	FSP Concentration, $\mu\text{g}/\text{m}^3$							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A017	831029	823438	5	59.7	30.6	59.1	30.3	0.6	0.3	0.01	0.001
A018	831099	823436	5	59.8	30.6	59.1	30.3	0.6	0.3	0.00	0.001
A019	831031	823405	5	59.7	30.6	59.1	30.3	0.5	0.2	0.01	0.001
A021	831015	823355	5	59.6	30.5	59.1	30.3	0.4	0.2	0.01	0.001
A023	831142	823291	5	59.6	30.5	59.1	30.3	0.5	0.2	0.01	0.001
A024	831146	823206	5	59.6	30.5	59.1	30.3	0.5	0.1	0.01	0.001
A025	831032	823143	5	59.7	30.5	59.1	30.3	0.6	0.2	0.00	0.000
A026	831007	823097	5	59.7	30.5	59.1	30.3	0.5	0.2	0.00	0.000
A027	830996	823048	5	59.6	30.4	59.1	30.3	0.5	0.1	0.00	0.000
A028	831002	822964	5	59.5	30.4	59.1	30.3	0.4	0.1	0.00	0.000
A029	831102	823086	5	59.6	30.5	59.1	30.3	0.5	0.2	0.01	0.000
A030	831112	823014	5	59.6	30.4	59.1	30.3	0.5	0.1	0.00	0.000
A031	831131	822963	5	59.6	30.4	59.1	30.3	0.4	0.1	0.00	0.000
A032	830865	822981	5	60.7	31.3	60.3	30.3	0.5	1.0	0.00	0.000
A033	830756	823064	5	60.2	31.0	59.1	30.3	1.0	0.7	0.01	0.000
A034	830761	823119	5	60.2	31.1	59.1	30.3	1.0	0.8	0.01	0.000
A035	830687	823361	20	59.7	30.7	59.1	30.3	0.6	0.4	0.01	0.001
A036	830701	823494	20	59.8	30.8	59.1	30.3	0.6	0.5	0.02	0.001
A060	831240	823247	5	59.6	30.4	59.1	30.3	0.4	0.1	0.00	0.001
A061	831225	823116	5	59.6	30.4	59.1	30.3	0.5	0.1	0.01	0.000
A062	831158	823053	5	59.6	30.4	59.1	30.3	0.5	0.1	0.01	0.001
A063	831044	823078	5	60.3	30.7	59.4	30.3	0.9	0.4	0.00	0.000
A066	831080	823350	5	59.6	30.5	59.1	30.3	0.5	0.2	0.01	0.001
A067	831076	823318	5	59.6	30.5	59.1	30.3	0.5	0.2	0.01	0.001

10mAG

ASR	X	Y	Z	FSP Concentration, $\mu\text{g}/\text{m}^3$							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A017	831029	823438	10	59.6	30.5	59.1	30.3	0.5	0.2	0.01	0.001
A018	831099	823436	10	59.7	30.5	59.1	30.3	0.5	0.2	0.00	0.001
A019	831031	823405	10	59.6	30.5	59.1	30.3	0.4	0.2	0.01	0.001
A021	831015	823355	10	59.5	30.5	59.1	30.3	0.4	0.2	0.01	0.001
A023	831142	823291	10	59.6	30.4	59.1	30.3	0.5	0.1	0.01	0.001
A024	831146	823206	10	59.6	30.4	59.1	30.3	0.5	0.1	0.01	0.001
A025	831032	823143	10	59.6	30.5	59.1	30.3	0.5	0.2	0.00	0.000
A026	831007	823097	10	59.6	30.4	59.1	30.3	0.5	0.1	0.00	0.000
A027	830996	823048	10	59.5	30.4	59.1	30.3	0.4	0.1	0.00	0.000
A028	831002	822964	10	59.5	30.4	59.1	30.3	0.4	0.1	0.00	0.000
A029	831102	823086	10	59.6	30.4	59.1	30.3	0.4	0.1	0.01	0.000
A030	831112	823014	10	59.6	30.4	59.1	30.3	0.4	0.1	0.00	0.000
A031	831131	822963	10	59.5	30.4	59.1	30.3	0.4	0.1	0.00	0.000
A032	830865	822981	10	60.7	31.1	60.3	30.3	0.4	0.8	0.00	0.000
A033	830756	823064	10	60.1	30.9	59.1	30.3	1.0	0.6	0.01	0.000
A034	830761	823119	10	60.1	31.0	59.1	30.3	1.0	0.7	0.01	0.000
A035	830687	823361	25	59.6	30.7	59.1	30.3	0.5	0.4	0.01	0.001
A036	830701	823494	25	59.6	30.7	59.1	30.3	0.5	0.4	0.02	0.001
A060	831240	823247	10	59.5	30.4	59.1	30.3	0.4	0.1	0.00	0.001
A061	831225	823116	10	59.6	30.4	59.1	30.3	0.4	0.1	0.01	0.000
A062	831158	823053	10	59.6	30.4	59.1	30.3	0.4	0.1	0.01	0.000
A063	831044	823078	10	60.2	30.7	58.9	30.3	1.2	0.4	0.00	0.000
A066	831080	823350	10	59.5	30.5	59.1	30.3	0.4	0.2	0.01	0.001
A067	831076	823318	10	59.5	30.5	59.1	30.3	0.4	0.2	0.01	0.001

Appendix 3-12 Detailed Breakdown from Background, Road and Chimney Emissions for "With Project" Scenario in Year 2021
Grid[25,31]

NO₂

1.5mAG

ASR	X	Y	Z	NO ₂ Concentration, µg/m ³							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average
A001	831042	824135	1.5	191.1	40.8	177.2	29.8	13.9	10.7	0.00	0.3
A003	831350	824183	1.5	188.7	39.6	173.7	29.8	15.0	9.7	0.00	0.2
A004	831363	824098	1.5	187.6	46.4	177.2	29.8	10.4	16.5	0.00	0.1
A005	831291	824014	16.4	187.8	37.3	173.7	29.8	14.1	7.4	0.00	0.2
A006	831263	823971	1.5	190.0	49.7	177.2	29.8	12.8	19.7	0.05	0.1
A007	831371	824034	1.5	196.6	42.7	173.7	29.8	22.9	12.8	0.00	0.1
A011	831161	823771	1.5	197.3	43.3	177.2	29.8	20.1	13.4	0.00	0.1
A012	831130	823752	1.5	198.3	44.3	177.2	29.8	21.0	14.4	0.03	0.1
A013	831224	823707	1.5	197.0	42.0	177.2	29.8	19.5	12.2	0.34	0.1
A014	831179	823605	1.5	193.7	43.5	178.1	29.8	15.6	13.7	0.00	0.1
A015	831121	823592	1.5	194.6	41.8	190.3	29.8	4.3	12.0	0.00	0.0
A016	831068	823562	1.5	193.0	40.9	177.2	29.8	13.7	11.1	2.11	0.0
A037	830624	823624	1.5	189.1	50.4	178.1	29.8	11.0	20.4	0.00	0.2
A038	830714	823729	1.5	187.4	47.6	177.2	29.8	10.2	17.8	0.00	0.0
A039	830767	823705	1.5	188.4	48.7	177.2	29.8	11.2	18.9	0.00	0.0
A040	830794	823681	21.3	181.7	39.6	176.2	29.8	5.5	9.8	0.00	0.0
A041	830873	823701	47.9	180.1	33.2	178.1	29.8	2.0	3.4	0.00	0.1
A042	830905	823798	47.9	179.9	33.2	178.1	29.8	1.8	3.2	0.00	0.2
A043	830863	823846	1.5	186.8	53.2	178.1	29.8	8.7	23.3	0.00	0.1
A044	830819	823864	1.5	185.7	49.0	178.1	29.8	7.5	19.1	0.00	0.1
A045	830839	823901	1.5	185.8	49.2	173.7	29.8	12.1	19.2	0.00	0.2
A046	830822	823934	1.5	185.7	48.7	173.7	29.8	12.0	18.7	0.00	0.3
A047	830788	823924	1.5	185.3	48.8	161.2	29.8	24.1	18.9	0.00	0.1
A048	830872	823971	1.5	196.6	44.8	178.1	29.8	18.5	14.5	0.00	0.5
A049	830959	823953	1.5	196.6	47.0	135.9	29.8	60.7	16.9	0.00	0.4
A050	830985	823920	1.5	197.4	44.1	177.2	29.8	20.2	14.1	0.00	0.3
A051	830815	824046	5.5	197.6	44.8	177.2	29.8	20.4	14.8	0.00	0.2
A052	830775	824161	7.5	186.7	42.6	173.7	29.8	13.0	12.7	0.00	0.1
A053	830744	824375	1.5	177.2	37.6	177.2	29.8	0.0	7.7	0.00	0.1
A054	830811	824336	1.5	184.9	38.8	177.2	29.8	7.7	8.9	0.00	0.1
A055	830940	824258	1.5	187.4	45.0	177.2	29.8	10.2	15.1	0.00	0.2
A056	831136	824345	1.5	189.3	38.3	178.1	29.8	11.2	8.4	0.00	0.2
A057	831184	824087	1.5	191.8	41.9	161.2	29.8	30.5	11.9	0.00	0.2
A058	830903	824410	5.1	178.1	35.2	178.1	29.8	0.0	5.3	0.00	0.1
A064	830882	824035	1.5	194.7	43.8	190.3	29.8	4.3	13.6	0.00	0.4
A065	831049	824242	1.5	187.6	38.9	177.2	29.8	10.4	8.9	0.00	0.2
A068	830932	824126	6.5	188.6	41.8	178.1	29.8	10.5	11.7	0.00	0.3
A069	831019	824036	1.8	190.6	46.2	178.1	29.8	12.5	16.0	0.00	0.4

5mAG

ASR	X	Y	Z	NO ₂ Concentration, µg/m ³							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average
A001	831042	824135	5	190.6	40.2	178.1	29.8	12.5	10.1	0.00	0.3
A003	831350	824183	5	188.1	39.1	177.2	29.8	10.9	9.1	0.00	0.2
A004	831363	824098	5	187.5	43.1	177.2	29.8	10.3	13.2	0.00	0.1
A005	831291	824014	19.9	184.4	36.2	161.2	29.8	23.1	6.3	0.05	0.2
A007	831371	824034	5	192.2	39.9	190.3	29.8	1.9	10.0	0.00	0.1
A011	831161	823771	5	196.8	42.7	177.2	29.8	19.6	12.8	0.00	0.1
A012	831130	823752	5	197.3	43.5	177.2	29.8	20.1	13.6	0.03	0.1
A013	831224	823707	5	192.4	38.9	135.9	29.8	56.4	9.0	0.03	0.1
A015	831121	823592	5	193.6	40.7	178.1	29.8	15.5	10.9	0.00	0.0
A016	831068	823562	5	188.9	39.8	135.9	29.8	53.0	10.0	0.00	0.0
A037	830624	823624	5	188.4	47.9	178.1	29.8	10.3	17.9	0.00	0.2
A038	830714	823729	5	187.3	45.6	177.2	29.8	10.0	15.8	0.00	0.0
A039	830767	823705	5	187.3	46.9	173.7	29.8	13.6	17.1	0.00	0.0
A040	830794	823681	24.8	181.3	38.2	178.1	29.8	3.1	8.4	0.00	0.1
A041	830873	823701	51.4	180.2	33.0	176.2	29.8	4.1	3.2	0.00	0.1
A042	830905	823798	51.4	180.2	33.0	178.1	29.8	2.1	3.0	0.00	0.2
A043	830863	823846	5	185.4	49.7	178.1	29.8	7.3	19.9	0.00	0.1
A044	830819	823864	5	184.8	47.2	176.2	29.8	8.6	17.4	0.00	0.1
A045	830839	823901	5	185.6	49.5	176.2	29.8	9.4	19.4	0.00	0.3
A047	830788	823924	5	184.2	47.5	176.2	29.8	8.0	17.6	0.00	0.1
A048	830872	823971	5	196.2	45.3	178.1	29.8	18.1	15.0	0.00	0.5
A049	830959	823953	5	195.6	44.9	135.9	29.8	59.7	14.8	0.00	0.4
A050	830985	823920	5	196.5	43.5	177.2	29.8	19.3	13.4	0.00	0.3
A051	830815	824046	9	194.6	43.1	178.1	29.8	16.4	13.1	0.00	0.2
A052	830775	824161	11	186.1	40.8	173.7	29.8	12.5	10.9	0.00	0.1
A053	830744	824375	5	177.2	37.0	177.2	29.8	0.0	7.1	0.00	0.1
A056	831136	824345	5	187.8	37.2	177.2	29.8	10.5	7.2	0.00	0.2
A057	831184	824087	5	189.6	40.4	173.7	29.8	15.9	10.4	0.00	0.2
A058	830903	824410	8.6	178.1	35.0	178.1	29.8	0.0	5.1	0.00	0.1
A064	830882	824035	5	194.6	42.9	190.3	29.8	4.2	12.7	0.00	0.4
A065	831049	824242	5	187.4	38.6	177.2	29.8	10.1	8.6	0.00	0.2
A068	830932	824126	10	188.1	40.3	178.1	29.8	10.0	10.2	0.00	0.3
A069	831019	824036	5.3	189.4	43.8	178.1	29.8	11.2	13.7	0.00	0.4

10mAG

ASR	X	Y	Z	NO ₂ Concentration, µg/m ³							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average
A001	831042	824135	10	189.2	38.8	178.1	29.8	11.0	8.7	0.00	0.3
A003	831350	824183	10	185.4	37.7	135.9	29.8	49.5	7.7	0.00	0.2
A004	831363	824098	10	187.3	39.1	177.2	29.8	10.1	9.2	0.00	0.1
A005	831291	824014	24.9	180.6	35.1	161.2	29.8	19.3	5.2	0.06	0.2
A007	831371	824034	10	187.9	37.5	177.2	29.8	10.7	7.6	0.02	0.1
A011	831161	823771	10	194.6	41.1	120.5	29.8	66.2	11.3	7.89	0.1
A012	831130	823752	10	195.3	41.8	178.1	29.8	16.3	11.9	0.90	0.1
A013	831224	823707	10	187.4	36.4	173.7	29.8	13.7	6.6	0.00	0.1
A015	831121	823592	10	187.8	38.7	173.7	29.8	14.1	8.9	0.00	0.0
A016	831068	823562	10	186.9	38.2	173.7	29.8	13.3	8.4	0.00	0.1
A037	830624	823624	10	183.5	46.7	178.5	29.8	5.0	16.7	0.00	0.2
A038	830714	823729	10	186.9	44.0	173.7	29.8	13.3	14.2	0.00	0.0
A039	830767	823705	10	186.7	44.9	173.7	29.8	13.0	15.1	0.00	0.0
A040	830794	823681	29.8	180.8	36.6	178.1	29.8	2.7	6.8	0.00	0.1
A041	830873	823701	56.4	181.0	33.0	176.2	29.8	4.8	3.1	0.00	0.1
A042	830905	823798	56.4	180.8	32.9	178.1	29.8	2.6	2.9	0.00	0.2
A043	830863	823846	10	183.6	46.3	178.1	29.8	5.5	16.4	0.00	0.1
A044	830819	823864	10	183.6	45.1	176.2	29.8	7.4	15.3	0.00	0.1
A045	830839	823901	10	184.2	47.1	176.2	29.8	8.0	17.0	0.00	0.3
A047	830788	823924	10	182.9	45.3	176.2	29.8	6.7	15.4	0.00	0.2
A048	830872	823971	10	194.7	43.5	190.3	29.8	4.3	13.2	0.00	0.5
A049	830959	823953	10	189.9	42.4	178.1	29.8	11.8	12.3	0.00	0.4
A050	830985	823920	10	191.4	42.0	178.1	29.8	13.3	11.9	0.04	0.3
A051	830815	824046	14	187.8	40.4	173.7	29.8	14.2	10.3	0.00	0.3
A052	830775	824161	16	185.2	38.4	173.7	29.8	11.6	8.5	0.00	0.1
A053	830744	824375	10	177.2	35.9	177.2	29.8	0.0	6.0	0.00	0.1
A056	831136	824345	10	179.4	35.8	154.9	29.8	24.4	5.9	0.06	0.2
A057	831184	824087	10	188.8	38.8	177.2	29.8	11.6	8.8	0.01	0.2
A058	830903	824410	13.6	178.1	34.6	178.1	29.8	0.0	4.7	0.00	0.1
A064	830882	824035	10	191.2	41.5	178.1	29.8	13.1	11.3	0.00	0.4
A065	831049	824242	10	186.8	37.7	177.2	29.8	9.6	7.7	0.00	0.2
A068	830932	824126	15	179.8	38.4	178.1	29.8	1.7	8.3	0.00	0.3
A069	831019	824036	10.3	187.6	40.8	173.7	29.8	13.9	10.7	0.00	0.4

Appendix 3-12 Detailed Breakdown from Background, Road and Chimney Emissions for "With Project" Scenario in Year 2021
Grid[25,31]

RSP

1.5mAG

ASR	X	Y	Z	RSP Concentration, $\mu\text{g}/\text{m}^3$							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A001	831042	824135	1.5	76.0	41.3	75.2	40.7	0.8	0.6	0.01	0.016
A003	831350	824183	1.5	75.9	41.2	75.2	40.7	0.7	0.4	0.00	0.008
A004	831363	824098	1.5	76.2	41.5	75.2	40.7	1.0	0.7	0.00	0.008
A005	831291	824014	16.4	75.8	41.1	75.2	40.7	0.6	0.4	0.00	0.008
A006	831263	823971	1.5	76.4	41.7	76.0	40.7	0.3	0.9	0.00	0.008
A007	831371	824034	1.5	76.4	41.5	76.0	40.7	0.4	0.8	0.00	0.007
A011	831161	823771	1.5	76.4	41.5	76.0	40.7	0.4	0.7	0.00	0.004
A012	831130	823752	1.5	76.5	41.6	76.0	40.7	0.4	0.8	0.00	0.003
A013	831224	823707	1.5	76.3	41.4	76.0	40.7	0.3	0.7	0.00	0.006
A014	831179	823605	1.5	76.5	41.3	75.2	40.7	1.3	0.6	0.00	0.005
A015	831121	823592	1.5	76.2	41.3	75.2	40.7	1.0	0.6	0.01	0.003
A016	831068	823562	1.5	76.3	41.4	76.0	40.7	0.2	0.6	0.00	0.003
A037	830624	823624	1.5	77.0	41.7	76.0	40.7	0.9	1.0	0.06	0.011
A038	830714	823729	1.5	76.5	41.6	76.0	40.7	0.5	0.9	0.00	0.002
A039	830767	823705	1.5	76.6	41.7	76.0	40.7	0.6	0.9	0.00	0.001
A040	830794	823681	21.3	76.0	41.2	75.2	40.7	0.8	0.4	0.00	0.002
A041	830873	823701	47.9	75.6	40.9	75.2	40.7	0.4	0.2	0.00	0.005
A042	830905	823798	47.9	75.4	40.9	75.2	40.7	0.2	0.1	0.00	0.015
A043	830863	823846	1.5	76.9	41.9	76.0	40.7	0.8	1.1	0.00	0.006
A044	830819	823864	1.5	76.7	41.6	75.2	40.7	1.5	0.9	0.00	0.004
A045	830839	823901	1.5	76.6	41.6	76.0	40.7	0.6	0.9	0.00	0.013
A046	830822	823934	1.5	76.6	41.6	76.0	40.7	0.6	0.9	0.00	0.015
A047	830788	823924	1.5	76.7	41.6	76.0	40.7	0.6	0.9	0.00	0.006
A048	830872	823971	1.5	76.2	41.6	76.0	40.7	0.2	0.9	0.00	0.024
A049	830959	823953	1.5	76.3	41.7	76.0	40.7	0.3	1.0	0.00	0.019
A050	830985	823920	1.5	76.3	41.6	76.0	40.7	0.3	0.8	0.00	0.015
A051	830815	824046	5.5	76.3	41.6	76.0	40.7	0.2	0.9	0.00	0.012
A052	830775	824161	7.5	76.0	41.4	75.2	40.7	0.8	0.7	0.00	0.007
A053	830744	824375	1.5	75.7	41.2	75.2	40.7	0.5	0.4	0.00	0.006
A054	830811	824336	1.5	75.9	41.3	75.2	40.7	0.7	0.6	0.00	0.006
A055	830940	824258	1.5	76.1	41.6	76.0	40.7	0.1	0.8	0.00	0.009
A056	831136	824345	1.5	75.9	41.2	75.2	40.7	0.7	0.5	0.01	0.010
A057	831184	824087	1.5	76.2	41.4	76.0	40.7	0.1	0.7	0.00	0.012
A058	830903	824410	5.1	75.5	41.0	75.2	40.7	0.3	0.3	0.00	0.006
A064	830882	824035	1.5	76.2	41.5	76.0	40.7	0.2	0.8	0.00	0.021
A065	831049	824242	1.5	75.9	41.2	75.2	40.7	0.7	0.5	0.01	0.013
A068	830932	824126	6.5	76.1	41.3	75.2	40.7	0.9	0.6	0.02	0.016
A069	831019	824036	1.8	76.3	41.5	76.0	40.7	0.3	0.8	0.00	0.019

5mAG

ASR	X	Y	Z	RSP Concentration, $\mu\text{g}/\text{m}^3$							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A001	831042	824135	5	76.0	41.3	75.2	40.7	0.8	0.5	0.01	0.016
A003	831350	824183	5	75.9	41.2	75.2	40.7	0.7	0.4	0.00	0.008
A004	831363	824098	5	76.1	41.3	75.2	40.7	0.9	0.6	0.00	0.008
A005	831291	824014	19.9	75.7	41.1	75.2	40.7	0.5	0.3	0.00	0.009
A007	831371	824034	5	76.3	41.3	76.0	40.7	0.2	0.6	0.00	0.007
A011	831161	823771	5	76.4	41.4	76.0	40.7	0.3	0.7	0.00	0.004
A012	831130	823752	5	76.4	41.5	76.0	40.7	0.4	0.8	0.00	0.003
A013	831224	823707	5	76.2	41.2	75.2	40.7	1.0	0.5	0.00	0.006
A015	831121	823592	5	76.2	41.3	75.2	40.7	0.9	0.5	0.01	0.003
A016	831068	823562	5	76.2	41.3	75.2	40.7	1.0	0.5	0.02	0.003
A037	830624	823624	5	76.9	41.6	76.0	40.7	0.8	0.8	0.06	0.011
A038	830714	823729	5	76.4	41.5	75.2	40.7	1.2	0.8	0.02	0.002
A039	830767	823705	5	76.5	41.6	76.0	40.7	0.5	0.8	0.00	0.001
A040	830794	823681	24.8	75.9	41.1	75.2	40.7	0.7	0.4	0.00	0.003
A041	830873	823701	51.4	75.6	40.9	75.2	40.7	0.4	0.2	0.00	0.005
A042	830905	823798	51.4	75.4	40.9	75.2	40.7	0.2	0.1	0.00	0.016
A043	830863	823846	5	76.7	41.7	75.2	40.7	1.5	0.9	0.00	0.006
A044	830819	823864	5	76.5	41.5	75.2	40.7	1.3	0.8	0.00	0.004
A045	830839	823901	5	76.7	41.6	76.0	40.7	0.6	0.9	0.00	0.013
A047	830788	823924	5	76.6	41.5	75.2	40.7	1.4	0.8	0.01	0.006
A048	830872	823971	5	76.2	41.7	76.0	40.7	0.2	1.0	0.00	0.025
A049	830959	823953	5	76.3	41.6	76.0	40.7	0.2	0.8	0.00	0.020
A050	830985	823920	5	76.3	41.5	76.0	40.7	0.3	0.8	0.00	0.015
A051	830815	824046	9	76.2	41.5	76.0	40.7	0.2	0.8	0.00	0.013
A052	830775	824161	11	75.9	41.3	75.2	40.7	0.7	0.6	0.00	0.007
A053	830744	824375	5	75.6	41.1	75.2	40.7	0.4	0.4	0.00	0.006
A056	831136	824345	5	75.8	41.1	75.2	40.7	0.6	0.4	0.01	0.010
A057	831184	824087	5	76.1	41.3	75.2	40.7	0.9	0.6	0.00	0.012
A058	830903	824410	8.6	75.5	41.0	75.2	40.7	0.3	0.3	0.00	0.006
A064	830882	824035	5	76.2	41.5	75.2	40.7	1.0	0.7	0.03	0.021
A065	831049	824242	5	75.9	41.2	75.2	40.7	0.7	0.4	0.01	0.013
A068	830932	824126	10	76.0	41.3	75.2	40.7	0.8	0.5	0.02	0.016
A069	831019	824036	5.3	76.2	41.4	75.2	40.7	1.0	0.7	0.00	0.019

10mAG

ASR	X	Y	Z	RSP Concentration, $\mu\text{g}/\text{m}^3$							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A001	831042	824135	10	75.9	41.2	75.2	40.7	0.7	0.4	0.01	0.017
A003	831350	824183	10	75.8	41.1	75.2	40.7	0.6	0.4	0.00	0.008
A004	831363	824098	10	75.9	41.2	75.2	40.7	0.7	0.4	0.00	0.008
A005	831291	824014	24.9	75.7	41.0	75.2	40.7	0.5	0.3	0.00	0.009
A007	831371	824034	10	76.0	41.2	75.2	40.7	0.8	0.4	0.00	0.007
A011	831161	823771	10	76.2	41.3	75.2	40.7	1.0	0.6	0.01	0.004
A012	831130	823752	10	76.3	41.4	75.2	40.7	1.1	0.7	0.00	0.004
A013	831224	823707	10	75.9	41.1	75.2	40.7	0.7	0.3	0.00	0.006
A015	831121	823592	10	76.0	41.2	75.2	40.7	0.8	0.4	0.01	0.003
A016	831068	823562	10	76.0	41.2	75.2	40.7	0.8	0.4	0.03	0.003
A037	830624	823624	10	76.7	41.5	75.2	40.7	1.4	0.8	0.06	0.012
A038	830714	823729	10	76.3	41.4	75.2	40.7	1.1	0.7	0.02	0.002
A039	830767	823705	10	76.4	41.5	75.2	40.7	1.2	0.7	0.00	0.002
A040	830794	823681	29.8	75.8	41.0	75.2	40.7	0.6	0.3	0.01	0.004
A041	830873	823701	56.4	75.6	40.9	75.2	40.7	0.4	0.2	0.00	0.005
A042	830905	823798	56.4	75.5	40.9	75.2	40.7	0.3	0.1	0.00	0.016
A043	830863	823846	10	76.4	41.5	75.2	40.7	1.2	0.7	0.00	0.007
A044	830819	823864	10	76.3	41.4	75.2	40.7	1.1	0.7	0.00	0.006
A045	830839	823901	10	76.5	41.5	75.2	40.7	1.3	0.8	0.00	0.016
A047	830788	823924	10	76.4	41.4	75.2	40.7	1.2	0.7	0.01	0.008
A048	830872	823971	10	76.2	41.6	76.0	40.7	0.1	0.8	0.00	0.026
A049	830959	823953	10	76.1	41.4	75.2	40.7	0.9	0.7	0.00	0.020
A050	830985	823920	10	76.1	41.4	75.2	40.7	0.9	0.7	0.00	0.015
A051	830815	824046	14	76.0	41.3	75.2	40.7	0.8	0.6	0.02	0.013
A052	830775	824161	16	75.7	41.2	75.2	40.7	0.5	0.4	0.00	0.008
A053	830744	824375	10	75.6	41.1	75.2	40.7	0.4	0.3	0.00	0.006
A056	831136	824345	10	75.7	41.0	75.2	40.7	0.4	0.3	0.01	0.010
A057	831184	824087	10	75.9	41.2	75.2	40.7	0.7	0.4	0.00	0.012
A058	830903	824410	13.6	75.4	41.0	75.2	40.7	0.2	0.3	0.00	0.006
A064	830882	824035	10	76.1	41.4	75.2	40.7	0.8	0.6	0.03	0.022
A065	831049	824242	10	75.8	41.1	75.2	40.7	0.6	0.4	0.01	0.013
A068	830932	824126	15	75.8	41.2	75.2	40.7	0.6	0.4	0.02	0.017
A069	831019	824036	10.3	76.0	41.3	75.2	40.7	0.8	0.5	0.00	0.019

Appendix 3-12 Detailed Breakdown from Background, Road and Chimney Emissions for "With Project" Scenario in Year 2021
Grid[25,31]

FSP

1.5mAG

ASR	X	Y	Z	FSP Concentration, µg/m3							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A001	831042	824135	1.5	57.1	29.5	57.0	28.9	0.1	0.5	0.000	0.004
A003	831350	824183	1.5	57.1	29.3	56.4	28.9	0.7	0.4	0.000	0.002
A004	831363	824098	1.5	57.3	29.6	57.0	28.9	0.3	0.7	0.000	0.002
A005	831291	824014	16.4	56.9	29.3	56.4	28.9	0.5	0.3	0.000	0.002
A006	831263	823971	1.5	57.3	29.8	57.0	28.9	0.3	0.9	0.000	0.002
A007	831371	824034	1.5	57.4	29.6	57.0	28.9	0.3	0.7	0.000	0.002
A011	831161	823771	1.5	57.4	29.6	57.0	28.9	0.3	0.7	0.000	0.001
A012	831130	823752	1.5	57.4	29.7	57.0	28.9	0.4	0.8	0.000	0.001
A013	831224	823707	1.5	57.3	29.5	57.0	28.9	0.3	0.6	0.000	0.001
A014	831179	823605	1.5	57.5	29.5	57.0	28.9	0.4	0.6	0.000	0.001
A015	831121	823592	1.5	57.3	29.5	57.0	28.9	0.2	0.6	0.000	0.001
A016	831068	823562	1.5	57.2	29.5	57.0	28.9	0.2	0.6	0.000	0.001
A037	830624	823624	1.5	57.9	29.8	57.0	28.9	0.8	0.9	0.016	0.003
A038	830714	823729	1.5	57.5	29.7	57.0	28.9	0.5	0.8	0.000	0.000
A039	830767	823705	1.5	57.5	29.8	57.0	28.9	0.5	0.9	0.000	0.000
A040	830794	823681	21.3	57.1	29.3	56.4	28.9	0.7	0.4	0.001	0.001
A041	830873	823701	47.9	56.8	29.1	56.4	28.9	0.4	0.1	0.000	0.001
A042	830905	823798	47.9	56.6	29.1	56.4	28.9	0.2	0.1	0.000	0.004
A043	830863	823846	1.5	57.8	30.0	57.0	28.9	0.8	1.0	0.000	0.001
A044	830819	823864	1.5	57.6	29.7	57.0	28.9	0.6	0.8	0.000	0.001
A045	830839	823901	1.5	57.6	29.7	57.0	28.9	0.5	0.8	0.000	0.003
A046	830822	823934	1.5	57.5	29.7	57.0	28.9	0.5	0.8	0.000	0.004
A047	830788	823924	1.5	57.6	29.7	57.0	28.9	0.6	0.8	0.000	0.001
A048	830872	823971	1.5	57.2	29.7	57.0	28.9	0.2	0.8	0.000	0.006
A049	830959	823953	1.5	57.3	29.8	57.0	28.9	0.3	0.9	0.000	0.005
A050	830985	823920	1.5	57.3	29.7	57.0	28.9	0.3	0.8	0.000	0.004
A051	830815	824046	5.5	57.3	29.7	57.0	28.9	0.2	0.8	0.000	0.003
A052	830775	824161	7.5	57.2	29.5	57.0	28.9	0.1	0.6	0.000	0.002
A053	830744	824375	1.5	56.8	29.3	56.4	28.9	0.4	0.4	0.000	0.001
A054	830811	824336	1.5	57.0	29.4	56.4	28.9	0.6	0.5	0.000	0.001
A055	830940	824258	1.5	57.1	29.7	57.0	28.9	0.1	0.8	0.000	0.002
A056	831136	824345	1.5	57.1	29.3	56.4	28.9	0.7	0.4	0.002	0.002
A057	831184	824087	1.5	57.1	29.6	57.0	28.9	0.1	0.6	0.000	0.003
A058	830903	824410	5.1	56.7	29.2	56.4	28.9	0.3	0.3	0.001	0.002
A064	830882	824035	1.5	57.2	29.6	57.0	28.9	0.2	0.7	0.000	0.005
A065	831049	824242	1.5	57.1	29.3	56.4	28.9	0.7	0.4	0.002	0.003
A068	830932	824126	6.5	57.2	29.5	57.0	28.9	0.2	0.5	0.000	0.004
A069	831019	824036	1.8	57.3	29.7	57.0	28.9	0.3	0.7	0.000	0.005

5mAG

ASR	X	Y	Z	FSP Concentration, µg/m3							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A001	831042	824135	5	57.1	29.4	57.0	28.9	0.06	0.5	0.000	0.004
A003	831350	824183	5	57.0	29.3	56.4	28.9	0.65	0.4	0.000	0.002
A004	831363	824098	5	57.2	29.5	56.4	28.9	0.82	0.6	0.000	0.002
A005	831291	824014	19.9	56.9	29.2	56.4	28.9	0.48	0.3	0.000	0.002
A007	831371	824034	5	57.2	29.4	57.0	28.9	0.22	0.5	0.000	0.002
A011	831161	823771	5	57.3	29.5	57.0	28.9	0.31	0.6	0.000	0.001
A012	831130	823752	5	57.4	29.6	57.0	28.9	0.36	0.7	0.000	0.001
A013	831224	823707	5	57.2	29.3	57.0	28.9	0.20	0.4	0.000	0.001
A015	831121	823592	5	57.3	29.4	57.0	28.9	0.23	0.5	0.000	0.001
A016	831068	823562	5	57.2	29.4	57.0	28.9	0.19	0.5	0.000	0.001
A037	830624	823624	5	57.7	29.7	57.0	28.9	0.70	0.8	0.016	0.003
A038	830714	823729	5	57.4	29.6	57.0	28.9	0.39	0.7	0.000	0.000
A039	830767	823705	5	57.5	29.7	57.0	28.9	0.43	0.8	0.000	0.000
A040	830794	823681	24.8	57.1	29.3	56.4	28.9	0.65	0.3	0.001	0.001
A041	830873	823701	51.4	56.8	29.1	56.4	28.9	0.36	0.1	0.000	0.001
A042	830905	823798	51.4	56.6	29.1	56.4	28.9	0.22	0.1	0.000	0.004
A043	830863	823846	5	57.6	29.8	57.0	28.9	0.62	0.9	0.000	0.001
A044	830819	823864	5	57.5	29.6	57.0	28.9	0.49	0.7	0.000	0.001
A045	830839	823901	5	57.6	29.7	57.0	28.9	0.58	0.8	0.000	0.003
A047	830788	823924	5	57.6	29.6	57.0	28.9	0.53	0.7	0.000	0.002
A048	830872	823971	5	57.2	29.8	57.0	28.9	0.17	0.9	0.000	0.006
A049	830959	823953	5	57.2	29.7	57.0	28.9	0.22	0.8	0.000	0.005
A050	830985	823920	5	57.3	29.6	57.0	28.9	0.26	0.7	0.000	0.004
A051	830815	824046	9	57.2	29.6	57.0	28.9	0.20	0.7	0.000	0.003
A052	830775	824161	11	57.0	29.4	56.4	28.9	0.64	0.5	0.001	0.002
A053	830744	824375	5	56.8	29.3	56.4	28.9	0.40	0.4	0.000	0.001
A056	831136	824345	5	57.0	29.3	56.4	28.9	0.56	0.3	0.002	0.002
A057	831184	824087	5	57.1	29.4	57.0	28.9	0.10	0.5	0.000	0.003
A058	830903	824410	8.6	56.7	29.2	56.4	28.9	0.26	0.3	0.001	0.002
A064	830882	824035	5	57.2	29.6	57.0	28.9	0.17	0.7	0.000	0.005
A065	831049	824242	5	57.0	29.3	56.4	28.9	0.63	0.4	0.002	0.003
A068	830932	824126	10	57.1	29.4	56.4	28.9	0.70	0.5	0.005	0.004
A069	831019	824036	5.3	57.3	29.5	57.0	28.9	0.23	0.6	0.000	0.005

10mAG

ASR	X	Y	Z	FSP Concentration, µg/m3							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A001	831042	824135	10	57.0	29.3	56.4	28.9	0.6	0.4	0.002	0.004
A003	831350	824183	10	57.0	29.3	56.4	28.9	0.6	0.3	0.000	0.002
A004	831363	824098	10	57.0	29.3	56.4	28.9	0.6	0.4	0.000	0.002
A005	831291	824014	24.9	56.8	29.2	56.4	28.9	0.4	0.2	0.000	0.002
A007	831371	824034	10	57.1	29.3	56.4	28.9	0.7	0.4	0.000	0.002
A011	831161	823771	10	57.3	29.5	57.0	28.9	0.3	0.5	0.000	0.001
A012	831130	823752	10	57.3	29.5	57.0	28.9	0.3	0.6	0.000	0.001
A013	831224	823707	10	57.0	29.2	56.4	28.9	0.6	0.3	0.001	0.001
A015	831121	823592	10	57.1	29.3	56.4	28.9	0.7	0.4	0.002	0.001
A016	831068	823562	10	57.1	29.3	56.4	28.9	0.7	0.4	0.007	0.001
A037	830624	823624	10	57.7	29.6	57.0	28.9	0.7	0.7	0.017	0.003
A038	830714	823729	10	57.4	29.5	57.0	28.9	0.3	0.6	0.000	0.001
A039	830767	823705	10	57.4	29.6	57.0	28.9	0.4	0.7	0.000	0.000
A040	830794	823681	29.8	56.9	29.2	56.4	28.9	0.5	0.3	0.003	0.001
A041	830873	823701	56.4	56.8	29.1	56.4	28.9	0.4	0.1	0.000	0.001
A042	830905	823798	56.4	56.7	29.1	56.4	28.9	0.3	0.1	0.000	0.004
A043	830863	823846	10	57.5	29.6	56.4	28.9	1.1	0.7	0.000	0.002
A044	830819	823864	10	57.4	29.5	56.4	28.9	1.0	0.6	0.000	0.001
A045	830839	823901	10	57.5	29.6	57.0	28.9	0.5	0.7	0.000	0.004
A047	830788	823924	10	57.5	29.5	56.4	28.9	1.1	0.6	0.003	0.002
A048	830872	823971	10	57.2	29.7	57.0	28.9	0.1	0.7	0.000	0.007
A049	830959	823953	10	57.2	29.5	57.0	28.9	0.2	0.6	0.000	0.005
A050	830985	823920	10	57.2	29.5	57.0	28.9	0.2	0.6	0.000	0.004
A051	830815	824046	14	57.1	29.4	56.4	28.9	0.7	0.5	0.005	0.003
A052	830775	824161	16	56.9	29.3	56.4	28.9	0.5	0.4	0.001	0.002
A053	830744	824375	10	56.7	29.2	56.4	28.9	0.3	0.3	0.000	0.001
A056	831136	824345	10	56.8	29.2	56.4	28.9	0.4	0.3	0.002	0.003
A057	831184	824087	10	57.1	29.3	56.4	28.9	0.7	0.4	0.000	0.003
A058	830903	824410	13.6	56.6	29.1	56.4	28.9	0.2	0.2	0.001	0.002
A064	830882	824035	10	57.2	29.5	57.0	28.9	0.1	0.6	0.000	0.006
A065	831049	824242	10	57.0	29.3	56.4	28.9	0.6	0.4	0.002	0.003
A068	830932	824126	15	57.0	29.3	56.4	28.9	0.6	0.4	0.005	0.004
A069	831019	824036	10.3	57.1	29.4	56.4	28.9	0.7	0.5	0.001	0.005

Appendix 3-12 Detailed Breakdown from Background, Road and Chimney Emissions for "With Project" Scenario in Year 2021
Grid[26,30]

NO₂

1.5mAG

ASR	X	Y	Z	NO ₂ Concentration, µg/m ³							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average
A059	831427	823491	3.3	184.4	29.7	164.9	28.4	19.5	1.3	0.0	0.0154

5mAG

ASR	X	Y	Z	NO ₂ Concentration, µg/m ³							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average
A059	831427	823491	6.8	184.2	29.7	164.9	28.4	19.3	1.3	0.0	0.0152

10mAG

ASR	X	Y	Z	NO ₂ Concentration, µg/m ³							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average
A059	831427	823491	11.8	184.0	29.6	164.9	28.4	19.1	1.2	0.0	0.0149

Appendix 3-12 Detailed Breakdown from Background, Road and Chimney Emissions for "With Project" Scenario in Year 2021
Grid[26,30]

RSP

1.5mAG

ASR	X	Y	Z	RSP Concentration, $\mu\text{g}/\text{m}^3$							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A059	831427	823491	3.3	75.5	40.1	75.3	40.05	0.2	0.09	0.01	0.001

5mAG

ASR	X	Y	Z	RSP Concentration, $\mu\text{g}/\text{m}^3$							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A059	831427	823491	6.8	75.5	40.1	75.3	40.05	0.2	0.09	0.01	0.001

10mAG

ASR	X	Y	Z	RSP Concentration, $\mu\text{g}/\text{m}^3$							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A059	831427	823491	11.8	75.5	40.1	75.3	40.05	0.2	0.08	0.01	0.001

Appendix 3-12 Detailed Breakdown from Background, Road and Chimney Emissions for "With Project" Scenario in Year 2021
Grid[26,30]

FSP

1.5mAG

ASR	X	Y	Z	FSP Concentration, µg/m3							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A059	831427	823491	3.3	56.7	28.5	56.5	28.4	0.21	0.08	0.003	0.0003

5mAG

ASR	X	Y	Z	FSP Concentration, µg/m3							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A059	831427	823491	6.8	56.7	28.5	56.6	28.4	0.02	0.08	0.000	0.0003

10mAG

ASR	X	Y	Z	FSP Concentration, µg/m3							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A059	831427	823491	11.8	56.7	28.5	56.5	28.4	0.20	0.08	0.003	0.0003

Appendix 3-12 Detailed Breakdown from Background, Road and Chimney Emissions for "With Project" Scenario in Year 2021
Grid[26,31]

NO₂

1.5mAG

ASR	X	Y	Z	NO ₂ Concentration, µg/m ³							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average
A008	831431	823909	1.5	182.8	30.4	171.8	25.8	11.0	4.4	0.0	0.12
A009	831411	823811	1.5	182.7	29.5	171.8	25.8	10.9	3.6	0.0	0.10
A010	831448	823709	1.5	181.7	28.8	171.8	25.8	9.9	2.9	0.0	0.06

5mAG

ASR	X	Y	Z	NO ₂ Concentration, µg/m ³							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average
A008	831431	823909	5	182.9	30.1	171.8	25.8	11.0	4.1	0.0	0.12
A009	831411	823811	5	182.6	29.3	171.8	25.8	10.8	3.4	0.0	0.10
A010	831448	823709	5	181.6	28.5	171.8	25.8	9.8	2.6	0.0	0.06

10mAG

ASR	X	Y	Z	NO ₂ Concentration, µg/m ³							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average	19th Highest 1-Hour	Annual Average
A008	831431	823909	10	182.8	29.4	171.8	25.8	11.0	3.4	0.0	0.12
A009	831411	823811	10	182.4	28.9	171.8	25.8	10.6	2.9	0.0	0.10
A010	831448	823709	10	181.4	28.1	171.8	25.8	9.6	2.2	0.0	0.06

Appendix 3-12 Detailed Breakdown from Background, Road and Chimney Emissions for "With Project" Scenario in Year 2021
Grid[26,31]

RSP

1.5mAG

ASR	X	Y	Z	RSP Concentration, $\mu\text{g}/\text{m}^3$							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A008	831431	823909	1.5	74.7	39.9	74.3	39.6	0.37	0.23	0.02	0.01
A009	831411	823811	1.5	74.7	39.8	74.3	39.6	0.34	0.20	0.02	0.01
A010	831448	823709	1.5	74.7	39.8	74.3	39.6	0.32	0.18	0.01	0.00

5mAG

ASR	X	Y	Z	RSP Concentration, $\mu\text{g}/\text{m}^3$							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A008	831431	823909	5	74.7	39.9	74.3	39.6	0.35	0.22	0.02	0.01
A009	831411	823811	5	74.7	39.8	74.3	39.6	0.33	0.19	0.02	0.01
A010	831448	823709	5	74.7	39.8	74.3	39.6	0.31	0.16	0.01	0.00

10mAG

ASR	X	Y	Z	RSP Concentration, $\mu\text{g}/\text{m}^3$							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A008	831431	823909	10	74.7	39.8	74.3	39.6	0.32	0.18	0.02	0.01
A009	831411	823811	10	74.7	39.8	74.3	39.6	0.31	0.17	0.02	0.01
A010	831448	823709	10	74.6	39.8	74.3	39.6	0.28	0.13	0.01	0.00

Appendix 3-12 Detailed Breakdown from Background, Road and Chimney Emissions for "With Project" Scenario in Year 2021
Grid[26,31]

FSP

1.5mAG

ASR	X	Y	Z	FSP Concentration, $\mu\text{g}/\text{m}^3$							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A008	831431	823909	1.5	56.1	28.4	55.8	28.1	0.34	0.21	0.005	0.002
A009	831411	823811	1.5	56.1	28.3	55.8	28.1	0.31	0.18	0.005	0.002
A010	831448	823709	1.5	56.1	28.3	55.8	28.1	0.30	0.16	0.003	0.001

5mAG

ASR	X	Y	Z	FSP Concentration, $\mu\text{g}/\text{m}^3$							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A008	831431	823909	5	56.1	28.3	55.8	28.1	0.32	0.20	0.005	0.002
A009	831411	823811	5	56.1	28.3	55.8	28.1	0.31	0.17	0.005	0.002
A010	831448	823709	5	56.0	28.3	55.8	28.1	0.28	0.15	0.003	0.001

10mAG

ASR	X	Y	Z	FSP Concentration, $\mu\text{g}/\text{m}^3$							
				Cumulative Impact		Impact from Background Emission (PATH)		Impact from Road Emission (CALINE4)		Impact from Chimney Emission (ISCST3)	
				10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average	10th Highest Daily	Annual Average
A008	831431	823909	10	56.1	28.3	55.8	28.1	0.29	0.17	0.005	0.002
A009	831411	823811	10	56.1	28.3	55.8	28.1	0.29	0.15	0.005	0.002
A010	831448	823709	10	56.0	28.3	55.8	28.1	0.26	0.12	0.003	0.001