Appendix 3.12

Detail Prediction of Construction Phase (Tier 2)

Appendix 3.12a

Detail Prediction of Construction Phase (Tier 2) (Year 2019 ± 2030)

Appendix 3.12a Detail Prediction of Construction Phase (Year 2019 - 2030) (Tier 2)

FSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
2-18	P1345	1.5	69	29
2-18	P1345	5	69	29
2-18	P1345	10	69	29
3-6	P1029	1.5	71	30
3-6	P1029	5	71	30
3-6	P1029	10	71	30
3-6	P1029	20	71	30
3-6	P1029	40	71	30
3-6	P1029	80	71	30
3-6	P1030	1.5	71	30
3-6	P1030	5	71	30
3-6	P1030	10	71	30
3-6	P1030	20	71	30
3-6	P1030	40	71	30
3-6	P1030	80	71	30
3-6	P1031	1.5	71	30
3-6	P1031	5	71	30
3-6	P1031	10	71	30
3-6	P1031	20	71	30
3-6	P1031	40	71	30
3-6	P1031	80	71	30
3-6	P1032	1.5	72	30
3-6	P1032	5	72	30
3-6	P1032	10	72	30
3-6	P1032	20	71	30
3-6	P1032	40	71	30
3-6	P1032	80	71	30
3-7	P1033	1.5	71	30
3-7	P1033	5	71	30
3-7	P1033	10	71	30
3-7	P1033	20	71	30
3-7	P1033	40	71	30
3-7	P1033	80	71	30
3-7	P1034	1.5	71	30
3-7	P1034	5	71	30
3-7	P1034	10	71	30
3-7	P1034	20	71	30
3-7	P1034	40	71	30
3-7	P1034	80	71	30
3-7	P1035	1.5	71	30
3-7	P1035	5	71	30
3-7	P1035	10	71	30
3-7	P1035	20	71	30
3-7	P1035	40	71	30
3-7	P1035	80	71	30
3-8	P1036	1.5	71	30
3-8	P1036	5	71	30
3-8	P1036	10	71	30
3-8	P1036	20	71	30
3-8	P1036	40	71	30
3-8	P1036	80	71	30
3-8	P1501	1.5	73	30
3-8	P1501	5	73	30
3-8	P1501	10	73	30
3-8	P1501	20	73	30
3-8	P1501	40	72	30

FSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
3-8	P1501	80	72	30
3-8	P1502	1.5	73	30
3-8	P1502	5	73	30
3-8	P1502	10	73	30
3-8	P1502	20	73	30
3-8	P1502	40	72	30
3-8	P1502	80	72	30
4-20	P239	1.5	70	30
4-20	P239	5	70	30
4-20	P239	10	70	30
4-20	P240	1.5	71	30
4-20	P240	5	70	30
4-20	P240	10	70	30
4-20	P241	1.5	70	30
4-20	P241	5	70	30
4-20	P241	10	70	30
5-2	P807	1.5	69	30
5-2	P807	5	69	30
5-2	P807	10	69	30
5-2	P807	20	69	30
5-2	P807	40	69	29
5-2	P807	50	69	29
5-26	P437	1.5	70	29
5-26	P437	5	69	29
5-26	P437	10	69	29
5-26	P437	20	69	29
5-26	P437	40	69	29
5-26	P437	80	69	29
5-26	P437	90	69	29
5-26	P438	1.5	70	29
5-26	P438	5	70	29
5-26	P438	10	69	29
5-26	P438	20	69	29
5-26	P438	40	69	29
5-26	P438	80	69	29
5-26	P438	90	69	29
Existing	A1002	1.5	71	30
Existing	A1002	5	71	30
Existing	A1002	10	71	30
Existing	A102	1.5	70	30
Existing	A102	5	70	30
Existing	A102	10	70	30
Existing	A102	20	70	30
Existing	A102	40	70	30
Existing	A102	60	70	30
Existing	A103	1.5	70	30
Existing	A103	5	70	30
Existing	A103	10	70	30
Existing	A103	20	70	30
Existing	A103	40	70	30
Existing	A104	1.5	70	30
Existing	A104	5	70	30
Existing	A104	10	70	30
Existing	A105	1.5	70	30
Existing	A105	5	70	30
Existing	A105	10	70	30
Existing	A105	20	70	30
Existing	A106	1.5	70	30
Existing	A106	5	70	30

FSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
Existing	A106	10	70	30
Existing	A107	1.5	70	30
Existing	A107	5	70	30
Existing	A107	10	70	30
Existing	A108	1.5	70	30
Existing	A108	5	70	30
Existing	A108	10	70	30
Existing	A109	1.5	70	30
Existing	A109	5	70	30
Existing	A109	10	70	30
Existing	A110	1.5	70	30
Existing	A110	5	70	30
Existing	A110	10	70	30
Existing	A111	1.5	70	30
Existing	A111	5	70	30
Existing	A111	10	70	30
Existing	A112	1.5	70	30
Existing	A112	5	70	30
Existing	A112	10	70	30
Existing	A1300	1.5	71	29
Existing	A1300	5	70	29
Existing	A1300	10	70	29
Existing	A1501	1.5	73	30
Existing	A201	1.5	70	30
Existing	A201	5	70	30
Existing	A201	10	70	30
Existing	A202	1.5	70	30
Existing	A202	5	70	30
Existing	A202	10	70	30
Existing	A203	1.5	70	30
Existing	A203	5	70	30
Existing	A203	10	70	30
Existing	A204	1.5	70	30
Existing	A204	5	70	30
Existing	A204	10	70	30
Existing	A205	1.5	70	30
Existing	A205	5	70	30
Existing	A205	10	70	30
Existing	A206	1.5	71	30
Existing	A206	5	71	30
Existing	A206	10	71	30
Existing	A207	1.5	71	30
Existing	A207	5	70	30
Existing	A207	10	70	30
Existing	A208	1.5	71	30
Existing	A208	5	71	30
Existing	A208	10	71	30
Existing	A209	1.5	72	30
Existing	A209	5	71	30
Existing	A209	10	70	30
Existing	A301	1.5	70	30
Existing	A301	5	70	30
Existing	A301	10	70	30
Existing	A302	1.5	70	30
Existing	A302	5	70	30
Existing	A302	10	70	30
Existing	A303	1.5	70	30
Existing	A303	5	70	30
Existing	A303	10	70	30

FSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
Existing	A304	1.5	70	30
Existing	A304	5	70	30
Existing	A304	10	70	30
Existing	A305	1.5	70	30
Existing	A305	5	70	30
Existing	A305	10	70	30
Existing	A306	1.5	70	30
Existing	A306	5	70	30
Existing	A306	10	70	30
Existing	A307	1.5	70	30
Existing	A307	5	70	30
Existing	A307	10	70	30
Existing	A307	20	70	30
Existing	A308	1.5	70	30
Existing	A308	5	70	30
Existing	A308	10	70	30
Existing	A309	1.5	70	30
Existing	A309	5	70	30
Existing	A309	10	70	30
Existing	A310	1.5	71	30
Existing	A311	1.5	70	30
Existing	A311	5	70	30
Existing	A311	10	70	30
Existing	A311	20	70	30
Existing	A312	1.5	70	30
Existing	A312	5	70	30
Existing	A312	10	70	30
Existing	A313	1.5	70	30
Existing	A313	5	70	30
Existing	A313	10	70	30
Existing	A313	20	70	30
Existing	A314	1.5	70	30
Existing	A314	5	70	30
Existing	A314	10	70	30
Existing	A314	20	70	30
Existing	A410	1.5	69	29
Existing	A410	5	69	29
Existing	A410	10	69	29
Existing	A415	1.5	69	29
Existing	A415	5	69	29
Existing	A415	10	69	29
Existing	A416	1.5	69	29
Existing	A416	5	69	29
Existing	A416	10	69	29
Existing	A416	20	69	29
Existing	A416	40	69	29
Existing	A502	1.5	70	30
Existing	A502	5	70	30
Existing	A502	10	70	30
Existing	A502	20	69	30
Existing	A502	40	69	29
Existing	A502	60	69	29
Existing	A503	1.5	70	30
Existing	A503	5	70	30
Existing	A503	10	70	30
Existing	A503	20	70	30
Existing	A602	1.5	71	30
Existing	A603	1.5	71	30
Existing	A701	1.5	69	29

FSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
Existing	A701	5	69	29
Existing	A701	10	69	29
Existing	A702	1.5	69	29
Existing	A702	5	69	29
Existing	A702	10	69	29
Existing	A901	1.5	72	30
Existing	A901	5	72	30
Existing	A901	10	72	30
Existing	A902	1.5	72	30
Existing	A902	5	72	30
Existing	A902	10	72	30
Existing	A903	1.5	72	30
Existing	A903	5	72	30
Existing	A903	10	72	30

Appendix 3.12a Detail Prediction of Construction Phase (Year 2019 - 2030) (Tier 2)

RSP Concentration (μg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
2-18	P1345	1.5	93	41
2-18	P1345	5	93	41
2-18	P1345	10	93	41
3-6	P1029	1.5	100	42
3-6	P1029	5	99	42
3-6	P1029	10	97	42
3-6	P1029	20	95	42
3-6	P1029	40	94	42
3-6	P1029	80	94	42
3-6	P1030	1.5	97	42
3-6	P1030	5	96	42
3-6	P1030	10	96	42
3-6	P1030	20	95	42
3-6	P1030	40	94	42
3-6	P1030	80	94	42
3-6	P1031	1.5	98	42
3-6	P1031	5	98	42
3-6	P1031	10	97	42
3-6	P1031	20	95	42
3-6	P1031	40	94	42
3-6	P1031	80	94	42
3-6	P1032	1.5	104	42
3-6	P1032	5	103	42
3-6	P1032	10	99	42
3-6	P1032	20	95	42
3-6	P1032	40	94	42
3-6	P1032	80	94	42
3-7	P1033	1.5	97	42
3-7	P1033	5	96	42
3-7	P1033	10	96	42
3-7	P1033	20	95	42
3-7	P1033	40	94	42
3-7	P1033	80	94	42
3-7	P1034	1.5	97	42
3-7	P1034	5	97	42
3-7	P1034	10	96	42
3-7	P1034	20	95	42
3-7	P1034	40	94	42
3-7	P1034	80	94	42
3-7	P1035	1.5	97	42
3-7	P1035	5	97	42
3-7	P1035	10	96	42
3-7	P1035	20	95	42
3-7	P1035	40	94	42
3-7	P1035	80	94	42
3-7	P901	1.5	96	42
3-7	P901	5	96	42
3-7	P901	10	96	42
3-7	P901	20	96	42
3-7	P901	40	95	42
3-7	P901	80	95	42
3-8	P1036	1.5	97	42
3-8	P1036	5	97	42
3-8	P1036	10	96	42
3-8	P1036	20	95	42
3-8	P1036	40	94	42
3-8	P1036	80	94	42
3-8	P1501	1.5	102	43
3-8	P1501	5	101	43
3-8	P1501	10	98	43

RSP Concentration (μg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
3-8	P1501	20	97	43
3-8	P1501	40	97	43
3-8	P1501	80	97	42
3-8	P1502	1.5	100	43
3-8	P1502	5	98	43
3-8	P1502	10	97	43
3-8	P1502	20	97	43
3-8	P1502	40	97	43
3-8	P1502	80	97	42
3-8	P902	1.5	97	42
3-8	P902	5	96	42
3-8	P902	10	96	42
3-8	P902	20	96	42
3-8	P902	40	95	42
3-8	P902	80	95	42
4-20	P239	1.5	98	42
4-20	P239	5	97	42
4-20	P239	10	95	42
4-20	P240	1.5	102	43
4-20	P240	5	100	42
4-20	P240	10	96	42
4-20	P241	1.5	98	42
4-20	P241	5	98	42
4-20	P241	10	96	42
5-2	P807	1.5	94	41
5-2	P807	5	94	41
5-2	P807	10	93	41
5-2	P807	20	92	41
5-2	P807	40	92	41
5-2	P807	50	92	41
5-22	P426	1.5	92	41
5-22	P426	5	92	41
5-22	P426	10	92	41
5-22	P426	20	92	41
5-22	P426	40	92	41
5-22	P426	50	92	41
5-24	P432	1.5	94	41
5-24	P432	5	94	41
5-24	P432	10	93	41
5-24	P432	20	92	41
5-24	P432	40	92	41
5-24	P432	80	92	41
5-24	P432	130	92	41
5-24	P433	1.5	93	41
5-24	P433	5	93	41
5-24	P433	10	92	41
5-24	P433	20	92	41
5-24	P433	40	92	41
5-24	P433	80	92	41
5-24	P433	130	92	41
5-24	P434	1.5	92	41
5-24	P434	5	92	41
5-24	P434	10	92	41
5-24	P434	20	92	41
5-24	P434	40	92	41
5-24	P434	80	92	41
5-24	P434	130	92	41
5-24	P436	1.5	92	41
5-24	P436	5	92	41
5-24	P436	10	92	41
5-24	P436	20	92	41
5-24	P436	40	92	41

RSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
5-24	P436	80	92	41
5-24	P436	130	92	41
5-26	P437	1.5	94	41
5-26	P437	5	94	41
5-26	P437	10	94	41
5-26	P437	20	93	41
5-26	P437	40	92	41
5-26	P437	80	92	41
5-26	P437	90	92	41
5-26	P438	1.5	94	41
5-26	P438	5	94	41
5-26	P438	10	93	41
5-26	P438	20	93	41
5-26	P438	40	92	41
5-26	P438	80	92	41
5-26	P438	90	92	41
Existing	A1001	1.5	95	42
Existing	A1001	5	95	42
Existing	A1001	10	95	42
Existing	A1002	1.5	100	42
Existing	A1002	5	99	42
Existing	A1002	10	96	42
Existing	A1004	1.5	95	42
Existing	A1004	5	95	42
Existing	A1004	10	95	42
Existing	A102	1.5	94	43
Existing	A102	5	94	43
Existing	A102	10	94	43
Existing	A102	20	94	42
Existing	A102	40	93	42
Existing	A102	60	93	42
Existing	A103	1.5	94	43
Existing	A103	5	94	43
Existing	A103	10	94	42
Existing	A103	20	93	42
Existing	A103	40	93	42
Existing	A104	1.5	94	42
Existing	A104	5	94	42
Existing	A104	10	94	42
Existing	A105	1.5	94	43
Existing	A105	5	94	43
Existing	A105	10	94	42
Existing	A105	20	94	42
Existing	A106	1.5	94	43
Existing	A106	5	94	43
Existing	A106	10	94	43
Existing	A107	1.5	94	43
Existing	A107	5	94	43
Existing	A107	10	94	43
Existing	A108	1.5	95	43
Existing	A108	5	95	43
Existing	A108	10	95	42
Existing	A109	1.5	94	42
Existing	A109	5	94	42
Existing	A109	10	95	42
Existing	A110	1.5	93	42
Existing	A110	5	93	42
Existing	A110	10	93	42
Existing	A111	1.5	93	42
Existing	A111	5	93	42
Existing	A111	10	93	42
Existing	A112	1.5	94	42

RSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
Existing	A112	5	93	42
Existing	A112	10	93	42
Existing	A1300	1.5	96	42
Existing	A1300	5	95	41
Existing	A1300	10	94	41
Existing	A1501	1.5	98	43
Existing	A201	1.5	96	42
Existing	A201	5	96	42
Existing	A201	10	94	42
Existing	A202	1.5	97	42
Existing	A202	5	96	42
Existing	A202	10	94	42
Existing	A203	1.5	97	42
Existing	A203	5	97	42
Existing	A203	10	94	42
Existing	A204	1.5	98	42
Existing	A204	5	98	42
Existing	A204	10	95	42
Existing	A205	1.5	98	42
Existing	A205	5	98	42
Existing	A205	10	96	42
Existing	A206	1.5	98	42
Existing	A206	5	98	42
Existing	A206	10	97	42
Existing	A207	1.5	97	42
Existing	A207	5	97	42
Existing	A207	10	97	42
Existing	A208	1.5	102	43
Existing	A208	5	100	43
Existing	A208	10	99	42
Existing	A209	1.5	109	43
Existing	A209	5	105	43
Existing	A209	10	97	42
Existing	A301	1.5	94	42
Existing	A301	5	94	42
Existing	A301	10	94	42
Existing	A302	1.5	94	42
Existing	A302	5	94	42
Existing	A302	10	93	42
Existing	A303	1.5	94	42
Existing	A303	5	94	42
Existing	A303	10	93	42
Existing	A304	1.5	96	42
Existing	A304	5	95	42
Existing	A304	10	94	42
Existing	A305	1.5	93	42
Existing	A305	5	93	42
Existing	A305	10	93	42
Existing	A306	1.5	96	42
Existing	A306	5	95	42
Existing	A306	10	94	42
Existing	A307	1.5	94	42
Existing	A307	5	94	42
Existing	A307	10	93	42
Existing	A307	20	93	42
Existing	A308	1.5	93	42
Existing	A308	5	93	42
Existing	A308	10	93	42
Existing	A309	1.5	94	42
Existing	A309	5	93	42
Existing	A309	10	93	42
Existing	A310	1.5	100	43

RSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
Existing	A311	1.5	97	42
Existing	A311	5	96	42
Existing	A311	10	95	42
Existing	A311	20	93	42
Existing	A312	1.5	94	42
Existing	A312	5	94	42
Existing	A312	10	94	42
Existing	A313	1.5	95	43
Existing	A313	5	95	42
Existing	A313	10	93	42
Existing	A313	20	93	42
Existing	A314	1.5	97	43
Existing	A314	5	97	43
Existing	A314	10	95	42
Existing	A314	20	93	42
Existing	A410	1.5	92	41
Existing	A410	5	92	41
Existing	A410	10	92	41
Existing	A415	1.5	95	41
Existing	A415	5	95	41
Existing	A415	10	94	41
Existing	A416	1.5	92	41
Existing	A416	5	92	41
Existing	A416	10	92	41
Existing	A416	20	92	41
Existing	A416	40	92	41
Existing	A502	1.5	93	42
Existing	A502	5	93	42
Existing	A502	10	93	42
Existing	A502	20	93	42
Existing	A502	40	92	41
Existing	A502	60	92	41
Existing	A503	1.5	93	42
Existing	A503	5	93	42
Existing	A503	10	93	42
Existing	A503	20	93	42
Existing	A601	1.5	94	41
Existing	A601	5	94	41
Existing	A601	10	94	41
Existing	A602	1.5	96	42
Existing	A603	1.5	95	42
Existing	A701	1.5	93	41
Existing	A701	5	93	41
Existing	A701	10	93	41
Existing	A702	1.5	93	41
Existing	A702	5	93	41
Existing	A702	10	93	41
Existing	A703	1.5	94	41
Existing	A703	5	94	41
Existing	A703	10	93	41
Existing	A704	1.5	93	41
Existing	A704	5	93	41
Existing	A704	10	93	41
Existing	A903	1.5	96	42
Existing	A903	5	96	42
Existing	A903	10	96	42

Appendix 3.12a Detail Prediction of Construction Phase (Year 2019- 2030) (Tier 2)

TSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	Maximum Hourly
2-18	P1345	1.5	169
2-18	P1345	5	169
2-18	P1345	10	169
3-6	P1029	1.5	406
3-6	P1029	5	318
3-6	P1029	10	175
3-6	P1029	20	175
3-6	P1029	40	174
3-6	P1029	80	174
3-6	P1030	1.5	194
3-6	P1030	5	188
3-6	P1030	10	175
3-6	P1030	20	175
3-6	P1030	40	174
3-6	P1030	80	174
3-6	P1031	1.5	249
3-6	P1031	5	249
3-6	P1031	10	175
3-6	P1031	20	175
3-6	P1031	40	175
3-6	P1031	80	174
3-6	P1032	1.5	469
3-6	P1032	5	443
3-6	P1032	10	200
3-6	P1032	20	175
3-6	P1032	40	175
3-6	P1032	80	174
3-7	P1033	1.5	175
3-7	P1033	5	175
3-7	P1033	10	175
3-7	P1033	20	175
3-7	P1033	40	175
3-7	P1033	80	174
3-7	P1034	1.5	197
3-7	P1034	5	175
3-7	P1034	10	175
3-7	P1034	20	175
3-7	P1034	40	175
3-7	P1034	80	174
3-7	P1035	1.5	175
3-7	P1035	5	175
3-7	P1035	10	175
3-7	P1035	20	175
3-7	P1035	40	175
3-7	P1035	80	174
3-7	P901	1.5	174
3-7	P901	5	174
3-7	P901	10	174
3-7	P901	20	174
3-7	P901	40	174
3-7	P901	80	174
3-8	P1036	1.5	175
3-8	P1036	5	175
3-8	P1036	10	175
3-8	P1036	20	175
3-8	P1036	40	175

TSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	Maximum Hourly
3-8	P1036	80	174
3-8	P1501	1.5	374
3-8	P1501	5	314
3-8	P1501	10	181
3-8	P1501	20	180
3-8	P1501	40	180
3-8	P1501	80	180
3-8	P1502	1.5	257
3-8	P1502	5	180
3-8	P1502	10	180
3-8	P1502	20	180
3-8	P1502	40	180
3-8	P1502	80	180
3-8	P902	1.5	205
3-8	P902	5	174
3-8	P902	10	174
3-8	P902	20	174
3-8	P902	40	174
3-8	P902	80	174
4-20	P239	1.5	255
4-20	P239	5	175
4-20	P239	10	174
4-20	P240	1.5	569
4-20	P240	5	293
4-20	P240	10	174
4-20	P241	1.5	246
4-20	P241	5	240
4-20	P241	10	202
5-2	P807	1.5	364
5-2	P807	5	353
5-2	P807	10	192
5-2	P807	20	176
5-2	P807	40	176
5-2	P807	50	176
5-24	P432	1.5	223
5-24	P432	5	212
5-24	P432	10	177
5-24	P432	20	173
5-24	P432	40	173
5-24	P432	80	173
5-24	P432	130	173
5-24	P433	1.5	174
5-24	P433	5	174
5-24	P433	10	176
5-24	P433	20	173
5-24	P433	40	173
5-24	P433	80	173
5-24	P433	130	173
5-26	P437	1.5	222
5-26	P437	5	175
5-26	P437	10	174
5-26	P437	20	174
5-26	P437	40	173
5-26	P437	80	173
5-26	P437	90	173
5-26	P438	1.5	270
5-26	P438	5	268
5-26	P438	10	174
5-26	P438	20	174

TSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	Maximum Hourly
5-26	P438	40	173
5-26	P438	80	173
5-26	P438	90	173
Existing	A1002	1.5	393
Existing	A1002	5	383
Existing	A1002	10	217
Existing	A102	1.5	180
Existing	A102	5	180
Existing	A102	10	180
Existing	A102	20	180
Existing	A102	40	180
Existing	A102	60	180
Existing	A103	1.5	180
Existing	A103	5	180
Existing	A103	10	180
Existing	A103	20	180
Existing	A103	40	180
Existing	A104	1.5	180
Existing	A104	5	180
Existing	A104	10	180
Existing	A105	1.5	180
Existing	A105	5	180
Existing	A105	10	180
Existing	A105	20	180
Existing	A106	1.5	180
Existing	A106	5	180
Existing	A106	10	180
Existing	A107	1.5	180
Existing	A107	5	180
Existing	A107	10	191
Existing	A108	1.5	180
Existing	A108	5	180
Existing	A108	10	180
Existing	A109	1.5	180
Existing	A109	5	180
Existing	A109	10	180
Existing	A110	1.5	180
Existing	A110	5	180
Existing	A110	10	180
Existing	A111	1.5	180
Existing	A111	5	180
Existing	A111	10	180
Existing	A112	1.5	195
Existing	A112	5	204
Existing	A112	10	181
Existing	A1300	1.5	259
Existing	A1300	5	221
Existing	A1300	10	185
Existing	A1501	1.5	248
Existing	A201	1.5	240
Existing	A201	5	234
Existing	A201	10	173
Existing	A202	1.5	313
Existing	A202	5	308
Existing	A202	10	173
Existing	A203	1.5	320
Existing	A203	5	314
Existing	A203	10	174
Existing	A204	1.5	363

TSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	Maximum Hourly
Existing	A204	5	311
Existing	A204	10	174
Existing	A205	1.5	354
Existing	A205	5	251
Existing	A205	10	174
Existing	A206	1.5	279
Existing	A206	5	263
Existing	A206	10	178
Existing	A207	1.5	224
Existing	A207	5	213
Existing	A207	10	175
Existing	A208	1.5	440
Existing	A208	5	240
Existing	A208	10	187
Existing	A209	1.5	814
Existing	A209	5	444
Existing	A209	10	174
Existing	A301	1.5	179
Existing	A301	5	179
Existing	A301	10	179
Existing	A302	1.5	179
Existing	A302	5	179
Existing	A302	10	179
Existing	A303	1.5	179
Existing	A303	5	179
Existing	A303	10	179
Existing	A304	1.5	329
Existing	A304	5	282
Existing	A304	10	179
Existing	A305	1.5	180
Existing	A305	5	180
Existing	A305	10	180
Existing	A306	1.5	310
Existing	A306	5	241
Existing	A306	10	179
Existing	A307	1.5	179
Existing	A307	5	179
Existing	A307	10	179
Existing	A307	20	179
Existing	A308	1.5	179
Existing	A308	5	179
Existing	A308	10	179
Existing	A309	1.5	179
Existing	A309	5	179
Existing	A309	10	179
Existing	A310	1.5	683
Existing	A311	1.5	327
Existing	A311	5	332
Existing	A311	10	179
Existing	A311	20	179
Existing	A312	1.5	179
Existing	A312	5	179
Existing	A312	10	179
Existing	A313	1.5	216
Existing	A313	5	226
Existing	A313	10	180
Existing	A313	20	179
Existing	A314	1.5	359
Existing	A314	5	327

TSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	Maximum Hourly
Existing	A314	10	200
Existing	A314	20	179
Existing	A410	1.5	192
Existing	A410	5	193
Existing	A410	10	220
Existing	A415	1.5	341
Existing	A415	5	327
Existing	A415	10	193
Existing	A416	1.5	173
Existing	A416	5	200
Existing	A416	10	173
Existing	A416	20	173
Existing	A416	40	173
Existing	A502	1.5	197
Existing	A502	5	189
Existing	A502	10	181
Existing	A502	20	181
Existing	A502	40	181
Existing	A502	60	181
Existing	A503	1.5	181
Existing	A503	5	181
Existing	A503	10	181
Existing	A503	20	181
Existing	A602	1.5	175
Existing	A603	1.5	176
Existing	A701	1.5	172
Existing	A701	5	172
Existing	A701	10	172
Existing	A702	1.5	172
Existing	A702	5	172
Existing	A702	10	172
Existing	A902	1.5	174
Existing	A902	5	174
Existing	A902	10	174
Existing	A903	1.5	174
Existing	A903	5	174
Existing	A903	10	174

Appendix 3.12b

Detail Prediction of Construction Phase (Tier 2) (Year 2031 ±2036)

Appendix 3.12b Detail Prediction of Construction Phase (Year 2031 - 2036) (Tier 2 East)

FSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
5-16	P711	1.5	69	29
5-16	P711	5	69	29
5-16	P711	10	69	29
5-16	P711	20	69	29
5-16	P711	40	69	29
5-16	P711	80	69	29
5-16	P711	110	69	29
5-16	P712	1.5	69	29
5-16	P712	5	69	29
5-16	P712	10	69	29
5-16	P712	20	69	29
5-16	P712	40	69	29
5-16	P712	80	69	29
5-16	P712	110	69	29
5-16	P713	1.5	70	29
5-16	P713	5	69	29
5-16	P713	10	69	29
5-16	P713	20	69	29
5-16	P713	40	69	29
5-16	P713	80	69	29
5-16	P713	110	69	29
5-17	P718	1.5	69	29
5-17	P718	5	69	29
5-17	P718	10	69	29
5-17	P718	20	69	29
5-17	P718	40	69	29
5-17	P718	80	69	29
5-17	P718	110	69	29
5-17	P719	1.5	69	29
5-17	P719	5	69	29
5-17	P719	10	69	29
5-17	P719	20	69	29
5-17	P719	40	69	29
5-17	P719	80	69	29
5-17	P719	110	69	29
5-17	P720	1.5	69	29
5-17	P720	5	69	29
5-17	P720	10	69	29
5-17	P720	20	69	29
5-17	P720	40	69	29
5-17	P720	80	69	29
5-17	P720	110	69	29
5-17	P721	1.5	69	29
5-17	P721	5	69	29
5-17	P721	10	69	29
5-17	P721	20	69	29
5-17	P721	40	69	29
5-17	P721	80	69	29
5-17	P721	110	69	29
5-18a	P743	1.5	69	29
5-18a	P743	5	69	29
5-18a	P743	10	69	29
5-18a	P743	20	69	29
5-18a	P743	40	69	29
5-18a	P743	80	69	29
5-18a	P743	120	69	29

FSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
5-18a	P744	1.5	69	29
5-18a	P744	5	69	29
5-18a	P744	10	69	29
5-18a	P744	20	69	29
5-18a	P744	40	69	29
5-18a	P744	80	69	29
5-18a	P744	120	69	29
5-18a	P745	1.5	69	29
5-18a	P745	5	69	29
5-18a	P745	10	69	29
5-18a	P745	20	69	29
5-18a	P745	40	69	29
5-18a	P745	80	69	29
5-18a	P745	120	69	29
5-18b	P746	1.5	69	29
5-18b	P746	5	69	29
5-18b	P746	10	69	29
5-18b	P746	20	69	29
5-18b	P746	40	69	29
5-18b	P746	80	69	29
5-18b	P746	120	69	29
5-18b	P747	1.5	69	29
5-18b	P747	5	69	29
5-18b	P747	10	69	29
5-18b	P747	20	69	29
5-18b	P747	40	69	29
5-18b	P747	80	69	29
5-18b	P747	120	69	29
5-18b	P748	1.5	69	29
5-18b	P748	5	69	29
5-18b	P748	10	69	29
5-18b	P748	20	69	29
5-18b	P748	40	69	29
5-18b	P748	80	69	29
5-18b	P748	120	69	29
5-21	P734	1.5	69	29
5-21	P734	5	69	29
5-21	P734	10	69	29
5-21	P734	20	69	29
5-21	P734	40	69	29
5-21	P735	1.5	69	29
5-21	P735	5	69	29
5-21	P735	10	69	29
5-21	P735	20	69	29
5-21	P735	40	69	29
5-21	P736	1.5	69	29
5-21	P736	5	69	29
5-21	P736	10	69	29
5-21	P736	20	69	29
5-21	P736	40	69	29
5-3a	P749	1.5	69	29
5-3a	P749	5	69	29
5-3a	P749	10	69	29
5-3a	P749	20	69	29
5-3a	P749	40	69	29
5-3a	P749	80	69	29
5-3a	P749	160	69	29
5-3a	P824	1.5	69	29

FSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
5-3a	P824	5	69	29
5-3a	P824	10	69	29
5-3a	P824	20	69	29
5-3a	P824	40	69	29
5-3a	P824	80	69	29
5-3a	P824	160	69	29
5-3a	P825	1.5	69	29
5-3a	P825	5	69	29
5-3a	P825	10	69	29
5-3a	P825	20	69	29
5-3a	P825	40	69	29
5-3a	P825	80	69	29
5-3a	P825	160	69	29
5-3b	P827	1.5	69	29
5-3b	P827	5	69	29
5-3b	P827	10	69	29
5-3b	P827	20	69	29
5-3b	P827	40	69	29
5-3b	P827	80	69	29
5-3b	P827	160	69	29
5-3b	P828	1.5	69	29
5-3b	P828	5	69	29
5-3b	P828	10	69	29
5-3b	P828	20	69	29
5-3b	P828	40	69	29
5-3b	P828	80	69	29
5-3b	P828	160	69	29
5-6	P812	1.5	69	29
5-6	P812	5	69	29
5-6	P812	10	69	29
Existing	A1103	1.5	69	29
Existing	A1103	5	69	29
Existing	A1103	10	69	29
Existing	A1103	20	69	29
Existing	A1103	40	69	29
Existing	A1103	80	69	29
Existing	A1103	120	69	29
Existing	A1104	1.5	69	29
Existing	A1104	5	69	29
Existing	A1104	10	69	29
Existing	A1104	20	69	29
Existing	A1104	40	69	29
Existing	A1104	80	69	29
Existing	A1104	120	69	29
Existing	A1105	1.5	69	29
Existing	A1105	5	69	29
Existing	A1105	10	69	29
Existing	A1105	20	69	29
Existing	A1105	40	69	29
Existing	A1105	80	69	29
Existing	A1105	120	69	29
Existing	A1106	1.5	69	29
Existing	A1106	5	69	29
Existing	A1106	10	69	29
Existing	A1106	20	69	29
Existing	A1106	40	69	29
Existing	A1106	80	69	29
Existing	A1106	120	69	29

FSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
Existing	A1107	1.5	69	29
Existing	A1107	5	69	29
Existing	A1107	10	69	29
Existing	A1107	20	69	29
Existing	A1107	40	69	29
Existing	A1107	80	69	29
Existing	A1107	120	69	29
Existing	A1108	1.5	69	29
Existing	A1108	5	69	29
Existing	A1108	10	69	29
Existing	A1108	20	69	29
Existing	A1108	40	69	29
Existing	A1109	1.5	69	29
Existing	A1109	5	69	29
Existing	A1109	10	69	29
Existing	A1109	20	69	29
Existing	A1109	40	69	29
Existing	A1109	80	69	29
Existing	A1109	110	69	29
Existing	A414	1.5	69	29
Existing	A414	5	69	29
Existing	A414	10	69	29
Existing	A707	1.5	69	29
Existing	A707	5	69	29
Existing	A707	10	69	29
Existing	A707	20	69	29
Existing	A707	40	69	29
Existing	A801	1.5	69	29
Existing	A801	5	69	29
Existing	A801	10	69	29
Existing	A813	1.5	69	29
Existing	A813	5	69	29
Existing	A813	10	69	29
Existing	A813	20	69	29
Existing	A813	40	69	29
Existing	A813	80	69	29

Appendix 3.12b Detail Prediction of Construction Phase (Year 2031 - 2036) (Tier 2 East)

RSP Concentration (μg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
5-16	P711	1.5	94	41
5-16	P711	5	94	41
5-16	P711	10	93	41
5-16	P711	20	92	41
5-16	P711	40	92	41
5-16	P711	80	92	41
5-16	P711	110	92	41
5-16	P712	1.5	93	41
5-16	P712	5	93	41
5-16	P712	10	93	41
5-16	P712	20	92	41
5-16	P712	40	92	41
5-16	P712	80	92	41
5-16	P712	110	92	41
5-16	P713	1.5	95	41
5-16	P713	5	95	41
5-16	P713	10	94	41
5-16	P713	20	92	41
5-16	P713	40	92	41
5-16	P713	80	92	41
5-16	P713	110	92	41
5-17	P718	1.5	94	41
5-17	P718	5	94	41
5-17	P718	10	93	41
5-17	P718	20	92	41
5-17	P718	40	92	41
5-17	P718	80	92	41
5-17	P718	110	92	41
5-17	P719	1.5	95	41
5-17	P719	5	94	41
5-17	P719	10	93	41
5-17	P719	20	92	41
5-17	P719	40	92	41
5-17	P719	80	92	41
5-17	P719	110	92	41
5-17	P720	1.5	94	41
5-17	P720	5	94	41
5-17	P720	10	93	41
5-17	P720	20	92	41
5-17	P720	40	92	41
5-17	P720	80	92	41
5-17	P720	110	92	41
5-17	P721	1.5	94	41
5-17	P721	5	94	41
5-17	P721	10	93	41
5-17	P721	20	92	41
5-17	P721	40	92	41
5-17	P721	80	92	41
5-17	P721	110	92	41
5-18a	P743	1.5	95	41
5-18a	P743	5	94	41
5-18a	P743	10	93	41
5-18a	P743	20	92	41
5-18a	P743	40	92	41

RSP Concentration (μg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
5-18a	P743	80	92	41
5-18a	P743	120	92	41
5-18a	P744	1.5	93	41
5-18a	P744	5	93	41
5-18a	P744	10	93	41
5-18a	P744	20	92	41
5-18a	P744	40	92	41
5-18a	P744	80	92	41
5-18a	P744	120	92	41
5-18a	P745	1.5	94	41
5-18a	P745	5	94	41
5-18a	P745	10	93	41
5-18a	P745	20	92	41
5-18a	P745	40	92	41
5-18a	P745	80	92	41
5-18a	P745	120	92	41
5-18b	P746	1.5	93	41
5-18b	P746	5	93	41
5-18b	P746	10	93	41
5-18b	P746	20	92	41
5-18b	P746	40	92	41
5-18b	P746	80	92	41
5-18b	P746	120	92	41
5-18b	P747	1.5	94	41
5-18b	P747	5	93	41
5-18b	P747	10	93	41
5-18b	P747	20	92	41
5-18b	P747	40	92	41
5-18b	P747	80	92	41
5-18b	P747	120	92	41
5-18b	P748	1.5	94	41
5-18b	P748	5	94	41
5-18b	P748	10	93	41
5-18b	P748	20	92	41
5-18b	P748	40	92	41
5-18b	P748	80	92	41
5-18b	P748	120	92	41
5-21	P734	1.5	93	41
5-21	P734	5	93	41
5-21	P734	10	93	41
5-21	P734	20	92	41
5-21	P734	40	92	41
5-21	P735	1.5	93	41
5-21	P735	5	93	41
5-21	P735	10	92	41
5-21	P735	20	92	41
5-21	P735	40	92	41
5-21	P736	1.5	93	41
5-21	P736	5	93	41
5-21	P736	10	92	41
5-21	P736	20	92	41
5-21	P736	40	92	41
5-3a	P749	1.5	94	41
5-3a	P749	5	93	41
5-3a	P749	10	92	41
5-3a	P749	20	92	41

RSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
5-3a	P749	40	92	41
5-3a	P749	80	92	41
5-3a	P749	160	92	41
5-3a	P824	1.5	94	41
5-3a	P824	5	94	41
5-3a	P824	10	92	41
5-3a	P824	20	92	41
5-3a	P824	40	92	41
5-3a	P824	80	92	41
5-3a	P824	160	92	41
5-3a	P825	1.5	92	41
5-3a	P825	5	92	41
5-3a	P825	10	92	41
5-3a	P825	20	92	41
5-3a	P825	40	92	41
5-3a	P825	80	92	41
5-3a	P825	160	92	41
5-3b	P827	1.5	92	41
5-3b	P827	5	92	41
5-3b	P827	10	92	41
5-3b	P827	20	92	41
5-3b	P827	40	92	41
5-3b	P827	80	92	41
5-3b	P827	160	92	41
5-3b	P828	1.5	94	41
5-3b	P828	5	94	41
5-3b	P828	10	93	41
5-3b	P828	20	92	41
5-3b	P828	40	92	41
5-3b	P828	80	92	41
5-3b	P828	160	92	41
5-3b	P830	1.5	92	41
5-3b	P830	5	92	41
5-3b	P830	10	92	41
5-3b	P830	20	92	41
5-3b	P830	40	92	41
5-3b	P830	80	92	41
5-3b	P830	160	92	41
5-6	P812	1.5	93	41
5-6	P812	5	93	41
5-6	P812	10	92	41
Existing	A1103	1.5	93	41
Existing	A1103	5	93	41
Existing	A1103	10	93	41
Existing	A1103	20	92	41
Existing	A1103	40	92	41
Existing	A1103	80	92	41
Existing	A1103	120	92	41
Existing	A1104	1.5	93	41
Existing	A1104	5	93	41
Existing	A1104	10	92	41
Existing	A1104	20	92	41
Existing	A1104	40	92	41
Existing	A1104	80	92	41
Existing	A1104	120	92	41
Existing	A1105	1.5	93	41

RSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
Existing	A1105	5	93	41
Existing	A1105	10	92	41
Existing	A1105	20	92	41
Existing	A1105	40	92	41
Existing	A1105	80	92	41
Existing	A1105	120	92	41
Existing	A1106	1.5	93	41
Existing	A1106	5	93	41
Existing	A1106	10	92	41
Existing	A1106	20	92	41
Existing	A1106	40	92	41
Existing	A1106	80	92	41
Existing	A1106	120	92	41
Existing	A1107	1.5	92	41
Existing	A1107	5	92	41
Existing	A1107	10	92	41
Existing	A1107	20	92	41
Existing	A1107	40	92	41
Existing	A1107	80	92	41
Existing	A1107	120	92	41
Existing	A1108	1.5	93	41
Existing	A1108	5	93	41
Existing	A1108	10	93	41
Existing	A1108	20	92	41
Existing	A1108	40	92	41
Existing	A1109	1.5	92	41
Existing	A1109	5	92	41
Existing	A1109	10	92	41
Existing	A1109	20	92	41
Existing	A1109	40	92	41
Existing	A1109	80	92	41
Existing	A1109	110	92	41
Existing	A414	1.5	92	41
Existing	A414	5	92	41
Existing	A414	10	92	41
Existing	A707	1.5	93	41
Existing	A707	5	93	41
Existing	A707	10	93	41
Existing	A707	20	92	41
Existing	A707	40	92	41
Existing	A801	1.5	93	41
Existing	A801	5	93	41
Existing	A801	10	93	41
Existing	A813	1.5	92	41
Existing	A813	5	92	41
Existing	A813	10	92	41
Existing	A813	20	92	41
Existing	A813	40	92	41
Existing	A813	80	92	41
Existing	A813	130	92	41

Appendix 3.12b Detail Prediction of Construction Phase (Year 2031 - 2036) (Tier 2 East)

TSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	Maximum Hourly
5-16	P711	1.5	172
5-16	P711	5	172
5-16	P711	10	172
5-16	P711	20	172
5-16	P711	40	172
5-16	P711	80	172
5-16	P711	110	172
5-16	P712	1.5	328
5-16	P712	5	307
5-16	P712	10	173
5-16	P712	20	172
5-16	P712	40	172
5-16	P712	80	172
5-16	P712	110	172
5-16	P713	1.5	239
5-16	P713	5	173
5-16	P713	10	173
5-16	P713	20	173
5-16	P713	40	172
5-16	P713	80	172
5-16	P713	110	172
5-17	P718	1.5	179
5-17	P718	5	184
5-17	P718	10	172
5-17	P718	20	172
5-17	P718	40	172
5-17	P718	80	172
5-17	P718	110	172
5-17	P719	1.5	300
5-17	P719	5	257
5-17	P719	10	172
5-17	P719	20	172
5-17	P719	40	172
5-17	P719	80	172
5-17	P719	110	172
5-17	P720	1.5	220
5-17	P720	5	218
5-17	P720	10	172
5-17	P720	20	172
5-17	P720	40	172
5-17	P720	80	172
5-17	P720	110	172
5-17	P721	1.5	172
5-17	P721	5	172
5-17	P721	10	172
5-17	P721	20	172
5-17	P721	40	172
5-17	P721	80	172
5-17	P721	110	172
5-18a	P743	1.5	324
5-18a	P743	5	206
5-18a	P743	10	172
5-18a	P743	20	172
5-18a	P743	40	172
5-18a	P743	80	172
5-18a	P743	120	172

TSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	Maximum Hourly
5-18a	P744	1.5	172
5-18a	P744	5	172
5-18a	P744	10	172
5-18a	P744	20	172
5-18a	P744	40	172
5-18a	P744	80	172
5-18a	P744	120	172
5-18a	P745	1.5	336
5-18a	P745	5	259
5-18a	P745	10	172
5-18a	P745	20	172
5-18a	P745	40	172
5-18a	P745	80	172
5-18a	P745	120	172
5-18b	P746	1.5	243
5-18b	P746	5	172
5-18b	P746	10	172
5-18b	P746	20	172
5-18b	P746	40	172
5-18b	P746	80	172
5-18b	P746	120	172
5-18b	P747	1.5	174
5-18b	P747	5	179
5-18b	P747	10	172
5-18b	P747	20	172
5-18b	P747	40	172
5-18b	P747	80	172
5-18b	P747	120	172
5-18b	P748	1.5	234
5-18b	P748	5	221
5-18b	P748	10	172
5-18b	P748	20	172
5-18b	P748	40	172
5-18b	P748	80	172
5-18b	P748	120	172
5-21	P734	1.5	172
5-21	P734	5	172
5-21	P734	10	172
5-21	P734	20	172
5-21	P734	40	172
5-21	P735	1.5	172
5-21	P735	5	172
5-21	P735	10	172
5-21	P735	20	172
5-21	P735	40	172
5-21	P736	1.5	172
5-21	P736	5	172
5-21	P736	10	172
5-21	P736	20	172
5-21	P736	40	172
5-3a	P749	1.5	175
5-3a	P749	5	172
5-3a	P749	10	172
5-3a	P749	20	172
5-3a	P749	40	172
5-3a	P749	80	172
5-3a	P749	160	172
5-3a	P824	1.5	267
5-3a	P824	5	239

TSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	Maximum Hourly
5-3a	P824	10	177
5-3a	P824	20	176
5-3a	P824	40	176
5-3a	P824	80	176
5-3a	P824	160	176
5-3a	P825	1.5	176
5-3a	P825	5	176
5-3a	P825	10	176
5-3a	P825	20	176
5-3a	P825	40	176
5-3a	P825	80	176
5-3a	P825	160	176
5-3b	P827	1.5	176
5-3b	P827	5	176
5-3b	P827	10	176
5-3b	P827	20	176
5-3b	P827	40	176
5-3b	P827	80	176
5-3b	P827	160	176
5-3b	P828	1.5	229
5-3b	P828	5	181
5-3b	P828	10	176
5-3b	P828	20	176
5-3b	P828	40	176
5-3b	P828	80	176
5-3b	P828	160	176
5-6	P812	1.5	194
5-6	P812	5	195
5-6	P812	10	176
Existing	A1103	1.5	172
Existing	A1103	5	172
Existing	A1103	10	172
Existing	A1103	20	172
Existing	A1103	40	172
Existing	A1103	80	172
Existing	A1103	120	172
Existing	A1104	1.5	194
Existing	A1104	5	203
Existing	A1104	10	172
Existing	A1104	20	172
Existing	A1104	40	172
Existing	A1104	80	172
Existing	A1104	120	172
Existing	A1105	1.5	172
Existing	A1105	5	172
Existing	A1105	10	172
Existing	A1105	20	172
Existing	A1105	40	172
Existing	A1105	80	172
Existing	A1105	120	172
Existing	A1106	1.5	232
Existing	A1106	5	226
Existing	A1106	10	172
Existing	A1106	20	172
Existing	A1106	40	172
Existing	A1106	80	172
Existing	A1106	120	172
Existing	A1107	1.5	172
Existing	A1107	5	172

TSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	Maximum Hourly
Existing	A1107	10	172
Existing	A1107	20	172
Existing	A1107	40	172
Existing	A1107	80	172
Existing	A1107	120	172
Existing	A1108	1.5	225
Existing	A1108	5	199
Existing	A1108	10	172
Existing	A1108	20	172
Existing	A1108	40	172
Existing	A1109	1.5	172
Existing	A1109	5	172
Existing	A1109	10	172
Existing	A1109	20	172
Existing	A1109	40	172
Existing	A1109	80	172
Existing	A1109	110	172
Existing	A414	1.5	173
Existing	A414	5	173
Existing	A414	10	173
Existing	A707	1.5	172
Existing	A707	5	172
Existing	A707	10	172
Existing	A707	20	172
Existing	A707	40	172
Existing	A801	1.5	176
Existing	A801	5	196
Existing	A801	10	176
Existing	A813	1.5	176
Existing	A813	5	176
Existing	A813	10	176
Existing	A813	20	176
Existing	A813	40	176
Existing	A813	80	176

Appendix 3.12b Detail Prediction of Construction Phase (Year 2031 - 2036) (Tier 2 North)

FSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
2-18	P1037	1.5	71	30
2-18	P1037	5	71	30
2-18	P1037	10	71	30
2-18	P1038	1.5	71	30
2-18	P1038	5	71	30
2-18	P1038	10	71	30
2-18	P1345	1.5	69	29
2-18	P1345	5	69	29
2-18	P1345	10	69	29
2-18	P1346	1.5	69	29
2-18	P1346	5	69	29
2-18	P1346	10	69	29
2-19	P1039	1.5	71	30
2-19	P1039	5	71	30
2-19	P1039	10	71	30
3-1	P1020	1.5	71	30
3-1	P1020	5	71	30
3-1	P1020	10	71	30
3-1	P1020	20	71	30
3-1	P1020	40	71	30
3-1	P1020	80	71	29
3-1	P1021	1.5	71	30
3-1	P1021	5	71	30
3-1	P1021	10	71	30
3-1	P1021	20	71	30
3-1	P1021	40	71	30
3-1	P1021	80	71	29
Existing	A1300	1.5	71	29
Existing	A1300	5	70	29
Existing	A1300	10	70	29
Existing	A1302	1.5	69	29
Existing	A1302	5	69	29
Existing	A1302	10	69	29
Existing	A1303	1.5	69	29
Existing	A1303	5	69	29
Existing	A1303	10	69	29
Existing	A1304	1.5	69	29
Existing	A1304	5	69	29
Existing	A1304	10	69	29
Existing	A1305	1.5	69	29
Existing	A1305	5	69	29
Existing	A1305	10	69	29
Existing	A1307	1.5	69	29
Existing	A1307	5	69	29
Existing	A1307	10	69	29

Appendix 3.12b Detail Prediction of Construction Phase (Year 2031 - 2036) (Tier 2 North)

RSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
2-18	P1037	1.5	95	42
2-18	P1037	5	95	42
2-18	P1037	10	95	42
2-18	P1038	1.5	95	42
2-18	P1038	5	95	42
2-18	P1038	10	95	42
2-18	P1345	1.5	94	41
2-18	P1345	5	94	41
2-18	P1345	10	93	41
2-18	P1346	1.5	93	41
2-18	P1346	5	93	41
2-18	P1346	10	93	41
2-19	P1039	1.5	95	42
2-19	P1039	5	95	42
2-19	P1039	10	95	42
2-19	P1040	1.5	95	42
2-19	P1040	5	95	42
2-19	P1040	10	95	42
2-19	P1041	1.5	95	42
2-19	P1041	5	95	42
2-19	P1041	10	95	42
3-1	P1018	1.5	95	42
3-1	P1018	5	95	42
3-1	P1018	10	94	42
3-1	P1018	20	94	42
3-1	P1018	40	94	42
3-1	P1018	80	94	42
3-1	P1019	1.5	95	42
3-1	P1019	5	95	42
3-1	P1019	10	95	42
3-1	P1019	20	94	42
3-1	P1019	40	94	42
3-1	P1019	80	94	42
3-1	P1020	1.5	95	42
3-1	P1020	5	95	42
3-1	P1020	10	95	42
3-1	P1020	20	95	42
3-1	P1020	40	94	42
3-1	P1020	80	94	42
3-1	P1021	1.5	95	42
3-1	P1021	5	95	42
3-1	P1021	10	95	42
3-1	P1021	20	95	42
3-1	P1021	40	94	42
3-1	P1021	80	94	42
Existing	A1002	1.5	95	42
Existing	A1002	5	95	42
Existing	A1002	10	95	42
Existing	A1003	1.5	95	42
Existing	A1003	5	95	42
Existing	A1003	10	95	42
Existing	A1300	1.5	98	42
Existing	A1300	5	96	42
Existing	A1300	10	95	41
Existing	A1302	1.5	93	41
Existing	A1302	5	93	41
Existing	A1302	10	93	41
Existing	A1303	1.5	93	41
Existing	A1303	5	93	41

RSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
Existing	A1303	10	92	41
Existing	A1304	1.5	93	41
Existing	A1304	5	93	41
Existing	A1304	10	92	41
Existing	A1305	1.5	93	41
Existing	A1305	5	93	41
Existing	A1305	10	92	41
Existing	A1307	1.5	93	41
Existing	A1307	5	93	41
Existing	A1307	10	92	41

Appendix 3.12b Detail Prediction of Construction Phase (Year 2031 - 2036) (Tier 2 North)

TSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	Maximum Hourly
2-18	P1037	1.5	175
2-18	P1037	5	175
2-18	P1037	10	174
2-18	P1038	1.5	174
2-18	P1038	5	174
2-18	P1038	10	174
2-18	P1345	1.5	295
2-18	P1345	5	238
2-18	P1345	10	169
2-18	P1346	1.5	169
2-18	P1346	5	169
2-18	P1346	10	169
2-19	P1039	1.5	174
2-19	P1039	5	175
2-19	P1039	10	175
3-1	P1020	1.5	174
3-1	P1020	5	191
3-1	P1020	10	175
3-1	P1020	20	175
3-1	P1020	40	174
3-1	P1020	80	174
3-1	P1021	1.5	174
3-1	P1021	5	174
3-1	P1021	10	175
3-1	P1021	20	175
3-1	P1021	40	174
3-1	P1021	80	174
Existing	A1002	1.5	175
Existing	A1002	5	183
Existing	A1002	10	174
Existing	A1300	1.5	216
Existing	A1300	5	169
Existing	A1300	10	169
Existing	A1302	1.5	169
Existing	A1302	5	169
Existing	A1302	10	169
Existing	A1303	1.5	169
Existing	A1303	5	169
Existing	A1303	10	169
Existing	A1304	1.5	193
Existing	A1304	5	191
Existing	A1304	10	169
Existing	A1305	1.5	169
Existing	A1305	5	171
Existing	A1305	10	169
Existing	A1307	1.5	169
Existing	A1307	5	169
Existing	A1307	10	169

Appendix 3.12b Detail Prediction of Construction Phase (Year 2031 - 2036) (Tier 2 South)

FSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
3-43	P1616	1.5	71	30
3-43	P1616	5	71	30
3-43	P1616	10	71	30
3-43	P1616	20	71	30
3-43	P1616	40	70	30
4-1	P1634	1.5	71	30
4-1	P1634	5	71	30
4-1	P1634	10	71	30
4-1	P1634	20	70	30
4-1	P1634	40	70	30
4-1	P1634	80	70	30
4-1	P1634	120	70	30
4-1	P1635	1.5	71	30
4-1	P1635	5	71	30
4-1	P1635	10	71	30
4-1	P1635	20	70	30
4-1	P1635	40	70	30
4-1	P1635	80	70	30
4-1	P1635	120	70	30
4-1	P1636	1.5	71	30
4-1	P1636	5	71	30
4-1	P1636	10	71	30
4-1	P1636	20	70	30
4-1	P1636	40	70	30
4-1	P1636	80	70	30
4-1	P1636	120	70	30
4-2	P1640	1.5	71	30
4-2	P1640	5	71	30
4-2	P1640	10	71	30
4-2	P1640	20	70	30
4-2	P1640	30	70	30
4-3	P1642	1.5	71	30
4-3	P1642	5	71	30
4-3	P1642	10	71	30
4-3	P1642	20	70	30
4-3	P1642	40	70	30
4-3	P1642	80	70	30
4-3	P1642	100	70	30
4-3	P1643	1.5	71	30
4-3	P1643	5	71	30
4-3	P1643	10	71	30
4-3	P1643	20	70	30
4-3	P1643	40	70	30
4-3	P1643	80	70	30
4-3	P1643	100	70	30
4-6	P1653	1.5	71	30
4-6	P1653	5	71	30
4-6	P1653	10	71	30
4-6	P1653	20	70	30
4-6	P1653	40	70	30
4-6	P1653	80	70	30
4-6	P1653	140	70	30
4-6	P1654	1.5	71	30
4-6	P1654	5	71	30
4-6	P1654	10	71	30
4-6	P1654	20	70	30
4-6	P1654	40	70	30
4-6	P1654	80	70	30

FSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
4-6	P1654	140	70	30
5-22	P426	1.5	69	29
5-22	P426	5	69	29
5-22	P426	10	69	29
5-22	P426	20	69	29
5-22	P426	40	69	29
5-22	P426	50	69	29
5-22	P429	1.5	69	29
5-22	P429	5	69	29
5-22	P429	10	69	29
5-22	P429	20	69	29
5-22	P429	40	69	29
5-22	P429	50	69	29
5-23	P431	1.5	69	29
5-23	P431	5	69	29
5-23	P431	10	69	29
5-23	P431	20	69	29
5-23	P431	40	69	29
5-23	P431	50	69	29
5-24	P436	1.5	69	29
5-24	P436	5	69	29
5-24	P436	10	69	29
5-24	P436	20	69	29
5-24	P436	40	69	29
5-24	P436	80	69	29
5-24	P436	130	69	29
Existing	A407	1.5	69	29
Existing	A407	5	69	29
Existing	A407	10	69	29
Existing	A502	1.5	69	29
Existing	A502	5	69	29
Existing	A502	10	69	29
Existing	A502	20	69	29
Existing	A502	40	69	29
Existing	A502	60	69	29
Existing	A503	1.5	69	29
Existing	A503	5	69	29
Existing	A503	10	69	29
Existing	A503	20	69	29
Existing	A504	1.5	69	29
Existing	A504	5	69	29
Existing	A504	10	69	29
Existing	A506	1.5	69	29
Existing	A506	5	69	29
Existing	A506	10	69	29

Appendix 3.12b Detail Prediction of Construction Phase (Year 2031 - 2036) (Tier 2 South)

RSP Concentration (μg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
3-43	P1616	1.5	95	43
3-43	P1616	5	95	43
3-43	P1616	10	95	43
3-43	P1616	20	94	42
3-43	P1616	40	94	42
4-1	P1634	1.5	95	42
4-1	P1634	5	95	42
4-1	P1634	10	95	42
4-1	P1634	20	95	42
4-1	P1634	40	94	42
4-1	P1634	80	94	42
4-1	P1634	120	94	42
4-1	P1635	1.5	96	42
4-1	P1635	5	96	42
4-1	P1635	10	95	42
4-1	P1635	20	94	42
4-1	P1635	40	94	42
4-1	P1635	80	94	42
4-1	P1635	120	94	42
4-1	P1636	1.5	95	42
4-1	P1636	5	95	42
4-1	P1636	10	94	42
4-1	P1636	20	94	42
4-1	P1636	40	94	42
4-1	P1636	80	94	42
4-1	P1636	120	94	42
4-2	P1640	1.5	95	42
4-2	P1640	5	95	42
4-2	P1640	10	95	42
4-2	P1640	20	94	42
4-2	P1640	30	94	42
4-3	P1642	1.5	96	42
4-3	P1642	5	96	42
4-3	P1642	10	95	42
4-3	P1642	20	94	42
4-3	P1642	40	94	42
4-3	P1642	80	94	42
4-3	P1642	100	94	42
4-3	P1643	1.5	96	42
4-3	P1643	5	96	42
4-3	P1643	10	95	42
4-3	P1643	20	94	42
4-3	P1643	40	94	42
4-3	P1643	80	94	42
4-3	P1643	100	94	42
4-6	P1653	1.5	96	42
4-6	P1653	5	96	42
4-6	P1653	10	95	42
4-6	P1653	20	94	42
4-6	P1653	40	94	42
4-6	P1653	80	94	42
4-6	P1653	140	94	42
4-6	P1654	1.5	96	42
4-6	P1654	5	95	42
4-6	P1654	10	95	42
4-6	P1654	20	95	42
4-6	P1654	40	94	42
4-6	P1654	80	94	42

RSP Concentration (μg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
4-6	P1654	140	94	42
5-22	P426	1.5	93	41
5-22	P426	5	93	41
5-22	P426	10	93	41
5-22	P426	20	92	41
5-22	P426	40	92	41
5-22	P426	50	92	41
5-22	P429	1.5	92	41
5-22	P429	5	92	41
5-22	P429	10	92	41
5-22	P429	20	92	41
5-22	P429	40	92	41
5-22	P429	50	92	41
5-23	P431	1.5	92	41
5-23	P431	5	92	41
5-23	P431	10	92	41
5-23	P431	20	92	41
5-23	P431	40	92	41
5-23	P431	50	92	41
5-24	P436	1.5	93	41
5-24	P436	5	93	41
5-24	P436	10	92	41
5-24	P436	20	92	41
5-24	P436	40	92	41
5-24	P436	80	92	41
5-24	P436	130	92	41
Existing	A407	1.5	93	41
Existing	A407	5	92	41
Existing	A407	10	92	41
Existing	A410	1.5	94	41
Existing	A410	5	94	41
Existing	A410	10	94	41
Existing	A412	1.5	92	41
Existing	A412	5	92	41
Existing	A412	10	92	41
Existing	A502	1.5	93	42
Existing	A502	5	93	42
Existing	A502	10	93	42
Existing	A502	20	92	41
Existing	A502	40	92	41
Existing	A502	60	92	41
Existing	A503	1.5	93	42
Existing	A503	5	93	42
Existing	A503	10	93	42
Existing	A503	20	93	41
Existing	A504	1.5	93	42
Existing	A504	5	93	42
Existing	A504	10	93	42
Existing	A506	1.5	93	41
Existing	A506	5	93	41
Existing	A506	10	92	41

Appendix 3.12b Detail Prediction of Construction Phase (Year 2031 - 2036) (Tier 2 South)

TSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	Maximum Hourly
3-43	P1616	1.5	176
3-43	P1616	5	176
3-43	P1616	10	176
3-43	P1616	20	175
3-43	P1616	40	175
4-1	P1634	1.5	176
4-1	P1634	5	176
4-1	P1634	10	176
4-1	P1634	20	176
4-1	P1634	40	176
4-1	P1634	80	175
4-1	P1634	120	175
4-1	P1635	1.5	176
4-1	P1635	5	178
4-1	P1635	10	176
4-1	P1635	20	176
4-1	P1635	40	176
4-1	P1635	80	175
4-1	P1635	120	175
4-1	P1636	1.5	176
4-1	P1636	5	176
4-1	P1636	10	176
4-1	P1636	20	176
4-1	P1636	40	176
4-1	P1636	80	175
4-1	P1636	120	175
4-2	P1640	1.5	176
4-2	P1640	5	176
4-2	P1640	10	176
4-2	P1640	20	176
4-2	P1640	30	176
4-3	P1642	1.5	258
4-3	P1642	5	237
4-3	P1642	10	176
4-3	P1642	20	176
4-3	P1642	40	175
4-3	P1642	80	175
4-3	P1642	100	175
4-3	P1643	1.5	176
4-3	P1643	5	177
4-3	P1643	10	176
4-3	P1643	20	176
4-3	P1643	40	176
4-3	P1643	80	175
4-3	P1643	100	175
4-6	P1653	1.5	186
4-6	P1653	5	192
4-6	P1653	10	176
4-6	P1653	20	176
4-6	P1653	40	176
4-6	P1653	80	175
4-6	P1653	140	175
4-6	P1654	1.5	180
4-6	P1654	5	197

TSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	Maximum Hourly
4-6	P1654	10	186
4-6	P1654	20	176
4-6	P1654	40	176
4-6	P1654	80	175
4-6	P1654	140	175
5-22	P426	1.5	259
5-22	P426	5	254
5-22	P426	10	173
5-22	P426	20	173
5-22	P426	40	173
5-22	P426	50	173
5-22	P429	1.5	173
5-22	P429	5	207
5-22	P429	10	173
5-22	P429	20	173
5-22	P429	40	173
5-22	P429	50	173
5-23	P431	1.5	173
5-23	P431	5	173
5-23	P431	10	173
5-23	P431	20	173
5-23	P431	40	173
5-23	P431	50	173
5-24	P436	1.5	222
5-24	P436	5	252
5-24	P436	10	173
5-24	P436	20	173
5-24	P436	40	173
5-24	P436	80	173
5-24	P436	130	173
Existing	A407	1.5	174
Existing	A407	5	178
Existing	A407	10	174
Existing	A502	1.5	181
Existing	A502	5	181
Existing	A502	10	181
Existing	A502	20	181
Existing	A502	40	181
Existing	A502	60	181
Existing	A503	1.5	181
Existing	A503	5	181
Existing	A503	10	181
Existing	A503	20	181
Existing	A504	1.5	181
Existing	A504	5	181
Existing	A504	10	181
Existing	A505	1.5	181
Existing	A505	5	181
Existing	A505	10	181
Existing	A506	1.5	181
Existing	A506	5	181
Existing	A506	10	181
Existing	A507	1.5	181
Existing	A507	5	181
Existing	A507	10	181
Existing	A507	20	181

TSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	Maximum Hourly
Existing	A508	1.5	181
Existing	A508	5	181
Existing	A508	10	181

Appendix 3.12b Detail Prediction of Construction Phase (Year 2031 - 2036) (Tier 2 West)

FSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
3-11	P1503	1.5	73	30
3-11	P1503	5	73	30
3-11	P1503	10	73	30
3-11	P1503	20	73	30
3-11	P1503	40	72	30
3-11	P1503	80	72	30
3-13	P1013	1.5	71	30
3-13	P1013	5	71	30
3-13	P1013	10	71	30
3-13	P1013	20	71	30
3-13	P1013	40	71	30
3-13	P1013	80	71	29
3-13	P602	1.5	71	30
3-13	P602	5	71	30
3-13	P602	10	71	30
3-13	P602	20	71	29
3-13	P602	40	70	29
3-13	P602	80	70	29
3-13	P603	1.5	71	30
3-13	P603	5	71	30
3-13	P603	10	71	29
3-13	P603	20	71	29
3-13	P603	40	70	29
3-13	P603	80	70	29
3-14	P604	1.5	71	30
3-14	P604	5	71	30
3-14	P604	10	71	30
3-14	P604	20	71	29
3-14	P604	40	70	29
3-14	P604	80	70	29
3-14	P605	1.5	71	30
3-14	P605	5	71	30
3-14	P605	10	71	30
3-14	P605	20	71	29
3-14	P605	40	70	29
3-14	P605	80	70	29
3-14	P606	1.5	71	30
3-14	P606	5	71	30
3-14	P606	10	71	30
3-14	P606	20	71	29
3-14	P606	40	70	29
3-14	P606	80	70	29
3-14	P607	1.5	71	30
3-14	P607	5	71	30
3-14	P607	10	71	30
3-14	P607	20	71	29
3-14	P607	40	70	29
3-14	P607	80	70	29
3-18	P615	1.5	71	30
3-18	P615	5	71	30
3-18	P615	10	71	30
3-18	P615	20	71	29
3-18	P615	40	70	29
3-18	P615	80	70	29
3-18	P615	90	70	29
3-18	P616	1.5	71	30
3-18	P616	5	71	30
3-18	P616	10	71	30
3-18	P616	20	70	29
3-18	P616	40	70	29
3-18	P616	80	70	29
3-18	P616	90	70	29
3-18	P617	1.5	71	30
3-18	P617	5	71	30
3-18	P617	10	71	30
3-18	P617	20	71	29
3-18	P617	40	70	29
3-18	P617	80	70	29
3-18	P617	90	70	29
3-18	P618	1.5	71	30
3-18	P618	5	71	30
3-18	P618	10	71	30
3-18	P618	20	70	29
3-18	P618	40	70	29
3-18	P618	80	70	29
3-18	P618	90	70	29
3-4	P1022	1.5	71	30
3-4	P1022	5	71	30
3-4	P1022	10	71	30

FSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
3-4	P1022	20	71	30
3-4	P1022	40	71	30
3-4	P1022	80	71	29
3-4	P1023	1.5	71	30
3-4	P1023	5	71	30
3-4	P1023	10	71	30
3-4	P1023	20	71	30
3-4	P1023	40	71	30
3-4	P1023	80	71	29
3-4	P1024	1.5	71	30
3-4	P1024	5	71	30
3-4	P1024	10	71	30
3-4	P1024	20	71	30
3-4	P1024	40	71	30
3-4	P1024	80	71	29
3-5	P1027	1.5	71	30
3-5	P1027	5	71	30
3-5	P1027	10	71	30
3-5	P1027	20	71	30
3-5	P1027	40	71	30
3-5	P1027	80	71	29
3-6	P1030	1.5	71	30
3-6	P1030	5	71	30
3-6	P1030	10	71	30
3-6	P1030	20	71	30
3-6	P1030	40	71	30
3-6	P1030	80	71	29
Existing	A602	1.5	71	30
Existing	A603	1.5	71	30

Appendix 3.12b Detail Prediction of Construction Phase (Year 2031 - 2036) (Tier 2 West)

RSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
3-11	P1503	1.5	97	43
3-11	P1503	5	97	43
3-11	P1503	10	97	43
3-11	P1503	20	97	43
3-11	P1503	40	97	43
3-11	P1503	80	97	42
3-11	P612	1.5	95	42
3-11	P612	5	95	42
3-11	P612	10	94	42
3-11	P612	20	94	42
3-11	P612	40	94	41
3-11	P612	80	94	41
3-11	P613	1.5	95	42
3-11	P613	5	95	42
3-11	P613	10	94	42
3-11	P613	20	94	41
3-11	P613	40	94	41
3-11	P613	80	94	41
3-11	P614	1.5	94	42
3-11	P614	5	94	42
3-11	P614	10	94	42
3-11	P614	20	94	41
3-11	P614	40	94	41
3-11	P614	80	94	41
3-13	P1013	1.5	95	42
3-13	P1013	5	95	42
3-13	P1013	10	95	42
3-13	P1013	20	95	42
3-13	P1013	40	94	42
3-13	P1013	80	94	42
3-13	P602	1.5	96	42
3-13	P602	5	95	42
3-13	P602	10	95	42
3-13	P602	20	95	42
3-13	P602	40	94	41
3-13	P602	80	94	41
3-13	P603	1.5	96	42
3-13	P603	5	96	42
3-13	P603	10	96	42
3-13	P603	20	95	42
3-13	P603	40	94	41
3-13	P603	80	94	41
3-14	P604	1.5	99	42
3-14	P604	5	97	42
3-14	P604	10	97	42
3-14	P604	20	95	42
3-14	P604	40	94	41
3-14	P604	80	94	41
3-14	P605	1.5	96	42
3-14	P605	5	96	42
3-14	P605	10	96	42
3-14	P605	20	95	42
3-14	P605	40	94	41
3-14	P605	80	94	41
3-14	P606	1.5	100	42
3-14	P606	5	99	42
3-14	P606	10	96	42
3-14	P606	20	95	42
3-14	P606	40	94	41

RSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
3-14	P606	80	94	41
3-14	P607	1.5	96	42
3-14	P607	5	96	42
3-14	P607	10	95	42
3-14	P607	20	95	42
3-14	P607	40	94	41
3-14	P607	80	94	41
3-18	P615	1.5	95	42
3-18	P615	5	95	42
3-18	P615	10	95	42
3-18	P615	20	95	42
3-18	P615	40	94	41
3-18	P615	80	94	41
3-18	P615	90	94	41
3-18	P616	1.5	94	42
3-18	P616	5	94	42
3-18	P616	10	94	42
3-18	P616	20	94	42
3-18	P616	40	94	41
3-18	P616	80	94	41
3-18	P616	90	94	41
3-18	P617	1.5	96	42
3-18	P617	5	96	42
3-18	P617	10	96	42
3-18	P617	20	95	42
3-18	P617	40	94	41
3-18	P617	80	94	41
3-18	P617	90	94	41
3-18	P618	1.5	95	42
3-18	P618	5	95	42
3-18	P618	10	95	42
3-18	P618	20	95	42
3-18	P618	40	94	41
3-18	P618	80	94	41
3-18	P618	90	94	41
3-4	P1022	1.5	95	42
3-4	P1022	5	95	42
3-4	P1022	10	95	42
3-4	P1022	20	95	42
3-4	P1022	40	94	42
3-4	P1022	80	94	42
3-4	P1023	1.5	95	42
3-4	P1023	5	95	42
3-4	P1023	10	95	42
3-4	P1023	20	95	42
3-4	P1023	40	94	42
3-4	P1023	80	94	42
3-4	P1024	1.5	95	42
3-4	P1024	5	95	42
3-4	P1024	10	95	42
3-4	P1024	20	94	42
3-4	P1024	40	94	42
3-4	P1024	80	94	42
3-5	P1027	1.5	95	42
3-5	P1027	5	95	42
3-5	P1027	10	95	42
3-5	P1027	20	94	42
3-5	P1027	40	94	42
3-5	P1027	80	94	42
3-6	P1030	1.5	95	42
3-6	P1030	5	95	42

RSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
3-6	P1030	10	95	42
3-6	P1030	20	95	42
3-6	P1030	40	94	42
3-6	P1030	80	94	42
3-8	P1501	1.5	97	43
3-8	P1501	5	97	43
3-8	P1501	10	97	43
3-8	P1501	20	97	43
3-8	P1501	40	97	42
3-8	P1501	80	97	42
3-8	P1502	1.5	97	43
3-8	P1502	5	97	43
3-8	P1502	10	97	43
3-8	P1502	20	97	43
3-8	P1502	40	97	42
3-8	P1502	80	97	42
Existing	A602	1.5	95	42
Existing	A603	1.5	96	42

Appendix 3.12b Detail Prediction of Construction Phase (Year 2031 - 2036) (Tier 2 West)

TSP Concentration (μg/m^3)

Site	Receptor ID	Height (mAG)	Maximum Hourly
3-11	P1503	1.5	180
3-11	P1503	5	180
3-11	P1503	10	180
3-11	P1503	20	180
3-11	P1503	40	180
3-11	P1503	80	180
3-13	P1013	1.5	175
3-13	P1013	5	175
3-13	P1013	10	175
3-13	P1013	20	175
3-13	P1013	40	175
3-13	P1013	80	174
3-13	P602	1.5	238
3-13	P602	5	176
3-13	P602	10	176
3-13	P602	20	176
3-13	P602	40	175
3-13	P602	80	175
3-13	P603	1.5	245
3-13	P603	5	206
3-13	P603	10	176
3-13	P603	20	176
3-13	P603	40	175
3-13	P603	80	175
3-14	P604	1.5	399
3-14	P604	5	354
3-14	P604	10	181
3-14	P604	20	176
3-14	P604	40	175
3-14	P604	80	175
3-14	P605	1.5	228
3-14	P605	5	215
3-14	P605	10	176
3-14	P605	20	176
3-14	P605	40	175
3-14	P605	80	175
3-14	P606	1.5	592
3-14	P606	5	367
3-14	P606	10	176
3-14	P606	20	175
3-14	P606	40	175
3-14	P606	80	175
3-14	P607	1.5	292
3-14	P607	5	266
3-14	P607	10	176
3-14	P607	20	176
3-14	P607	40	175
3-14	P607	80	175
3-18	P615	1.5	175
3-18	P615	5	175
3-18	P615	10	176
3-18	P615	20	176
3-18	P615	40	175
3-18	P615	80	175
3-18	P615	90	175
3-18	P616	1.5	222
3-18	P616	5	229
3-18	P616	10	181
3-18	P616	20	175

TSP Concentration (μg/m^3)

Site	Receptor ID	Height (mAG)	Maximum Hourly
3-18	P616	40	175
3-18	P616	80	175
3-18	P616	90	175
3-18	P617	1.5	176
3-18	P617	5	176
3-18	P617	10	176
3-18	P617	20	176
3-18	P617	40	175
3-18	P617	80	175
3-18	P617	90	175
3-18	P618	1.5	369
3-18	P618	5	381
3-18	P618	10	256
3-18	P618	20	175
3-18	P618	40	175
3-18	P618	80	175
3-18	P618	90	175
3-4	P1022	1.5	181
3-4	P1022	5	174
3-4	P1022	10	174
3-4	P1022	20	174
3-4	P1022	40	174
3-4	P1022	80	174
3-4	P1023	1.5	175
3-4	P1023	5	177
3-4	P1023	10	175
3-4	P1023	20	174
3-4	P1023	40	174
3-4	P1023	80	174
3-4	P1024	1.5	174
3-4	P1024	5	174
3-4	P1024	10	174
3-4	P1024	20	174
3-4	P1024	40	174
3-4	P1024	80	174
3-5	P1027	1.5	174
3-5	P1027	5	174
3-5	P1027	10	174
3-5	P1027	20	174
3-5	P1027	40	174
3-5	P1027	80	174
3-6	P1030	1.5	174
3-6	P1030	5	174
3-6	P1030	10	174
3-6	P1030	20	174
3-6	P1030	40	174
3-6	P1030	80	174
Existing	A602	1.5	175
Existing	A603	1.5	189

Appendix 3.12b Detail Prediction of Construction Phase (Year 2031 - 2036) (Tier 2 Central)

FSP Concentration (µg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
Existing	A1101	1.5	70	29
Existing	A1101	5	70	29
Existing	A1101	10	69	29
Existing	A1102	1.5	70	29
Existing	A1102	5	69	29
Existing	A1102	10	69	29
Existing	A601	1.5	71	29
Existing	A601	5	71	29
Existing	A601	10	71	29
Existing	A701	1.5	70	29
Existing	A701	5	70	29
Existing	A701	10	69	29
Existing	A702	1.5	70	29
Existing	A702	5	70	29
Existing	A702	10	69	29
Existing	A703	1.5	69	29
Existing	A703	5	69	29
Existing	A703	10	69	29
Existing	A704	1.5	69	29
Existing	A704	5	69	29
Existing	A704	10	69	29
Existing	A705	1.5	70	29
Existing	A705	5	70	29
Existing	A705	10	69	29
Existing	A706	1.5	69	29
Existing	A706	5	69	29
Existing	A706	10	69	29
Existing	A708	1.5	69	29
Existing	A708	5	69	29
Existing	A708	10	69	29

Appendix 3.12b Detail Prediction of Construction Phase (Year 2031 - 2036) (Tier 2 Central)

RSP Concentration (μg/m^3)

Site	Receptor ID	Height (mAG)	10th Highest Daily	Annual
Existing	A1101	1.5	98	41
Existing	A1101	5	98	41
Existing	A1101	10	95	41
Existing	A1102	1.5	95	41
Existing	A1102	5	94	41
Existing	A1102	10	93	41
Existing	A601	1.5	96	42
Existing	A601	5	96	42
Existing	A601	10	95	42
Existing	A701	1.5	98	41
Existing	A701	5	97	41
Existing	A701	10	94	41
Existing	A702	1.5	101	41
Existing	A702	5	99	41
Existing	A702	10	93	41
Existing	A703	1.5	95	41
Existing	A703	5	95	41
Existing	A703	10	94	41
Existing	A704	1.5	95	41
Existing	A704	5	95	41
Existing	A704	10	94	41
Existing	A705	1.5	98	41
Existing	A705	5	97	41
Existing	A705	10	94	41
Existing	A706	1.5	95	41
Existing	A706	5	95	41
Existing	A706	10	94	41
Existing	A706	5	95	41
Existing	A706	10	94	41
Existing	A708	1.5	95	41
Existing	A708	5	95	41
Existing	A708	10	94	41

Appendix 3.12b Detail Prediction of Construction Phase (Year 2031 - 2036) (Tier 2 Central)

TSP Concentration (μg/m^3)

Site	Receptor ID	Height (mAG)	Maximum Hourly
Existing	A1101	1.5	295
Existing	A1101	5	238
Existing	A1101	10	173
Existing	A1102	1.5	224
Existing	A1102	5	172
Existing	A1102	10	172
Existing	A601	1.5	203
Existing	A601	5	204
Existing	A601	10	175
Existing	A701	1.5	319
Existing	A701	5	290
Existing	A701	10	174
Existing	A702	1.5	430
Existing	A702	5	370
Existing	A702	10	172
Existing	A703	1.5	312
Existing	A703	5	274
Existing	A703	10	173
Existing	A704	1.5	185
Existing	A704	5	183
Existing	A704	10	173
Existing	A705	1.5	224
Existing	A705	5	208
Existing	A705	10	173
Existing	A706	1.5	172
Existing	A706	5	172
Existing	A706	10	173
Existing	A708	1.5	303
Existing	A708	5	234
Existing	A708	10	172