

Appendix 3.20 Detailed Prediction Result (Operation Phase, Shatin, without Proposed Noise Mitigation)

Shatin, Year 2034 (without proposed noise mitigation)

10th Highest Daily RSP Concentration (µg/m³)

Receptor ID	Height (mAG)	Vehicular	Vent Bldg	ST Portal	T4	Background	Total	Difference (with Proposed Noise Mitigation - without Proposed Noise Mitigation)
A61	1.5	0.001	0.001	0.003	0.001	62.12	62.33	0.000
A61	5.0	0.19	0.001	0.003	0.001	62.12	62.31	0.000
A61	10.0	0.15	0.001	0.003	0.001	62.12	62.27	0.000
A61	20.0	0.09	0.001	0.003	0.001	62.12	62.21	0.000
A61	30.0	0.06	0.001	0.003	0.001	62.12	62.19	0.000
A61	40.0	0.05	0.001	0.003	0.001	62.12	62.17	0.000
A61	50.0	0.04	0.001	0.003	0.001	62.12	62.16	0.000
A61	60.0	0.03	0.001	0.003	0.000	62.12	62.16	0.000
A61	70.0	0.03	0.001	0.003	0.000	62.12	62.15	0.000
A61	80.0	0.02	0.001	0.002	0.000	62.12	62.15	0.000
A61	90.0	0.02	0.000	0.001	0.000	62.12	62.14	0.000
A61	100.0	0.02	0.000	0.000	0.000	62.12	62.14	0.000
A62	1.5	0.27	0.001	0.002	0.001	62.12	62.40	0.000
A62	5.0	0.21	0.001	0.002	0.001	62.12	62.33	0.000
A62	10.0	0.12	0.001	0.002	0.001	62.12	62.24	0.000
A62	20.0	0.07	0.001	0.002	0.001	62.12	62.20	0.000
A63	1.5	0.29	0.001	0.003	0.001	62.12	62.41	-0.001
A63	5.0	0.25	0.001	0.003	0.001	62.12	62.37	-0.001
A63	10.0	0.17	0.001	0.003	0.001	62.12	62.30	-0.001
A64	1.5	0.13	0.001	0.005	0.001	62.12	62.26	-0.003
A64	5.0	0.13	0.001	0.005	0.002	62.12	62.26	-0.002
A64	10.0	0.12	0.001	0.005	0.002	62.12	62.25	-0.002
A64	20.0	0.11	0.001	0.005	0.002	62.12	62.24	-0.002
A64	30.0	0.09	0.001	0.005	0.001	62.12	62.22	-0.002
A64	40.0	0.07	0.001	0.005	0.001	62.12	62.20	-0.002
A64	50.0	0.06	0.001	0.005	0.001	62.12	62.19	-0.002
A64	60.0	0.05	0.001	0.005	0.001	62.12	62.18	-0.002
A64	70.0	0.04	0.001	0.005	0.000	62.12	62.17	-0.002
A64	80.0	0.04	0.001	0.002	0.000	62.12	62.16	-0.002
A64	90.0	0.03	0.001	0.001	0.000	62.12	62.15	-0.002
A64	100.0	0.03	0.001	0.000	0.000	62.12	62.15	-0.002
A65	1.5	0.22	0.001	0.003	0.001	62.12	62.34	-0.003
A65	5.0	0.16	0.001	0.003	0.002	62.12	62.29	-0.003
A65	10.0	0.13	0.001	0.003	0.002	62.12	62.25	-0.003
A66	1.5	0.15	0.001	0.005	0.001	62.12	62.28	-0.006
A66	5.0	0.15	0.001	0.005	0.002	62.12	62.28	-0.006
A66	10.0	0.14	0.001	0.005	0.002	62.12	62.27	-0.006
A66	20.0	0.13	0.002	0.005	0.002	62.12	62.26	-0.006
A66	30.0	0.11	0.002	0.005	0.002	62.12	62.24	-0.006
A66	40.0	0.09	0.001	0.005	0.001	62.12	62.22	-0.006
A66	50.0	0.08	0.001	0.005	0.001	62.12	62.21	-0.006
A66	60.0	0.07	0.001	0.005	0.001	62.12	62.20	-0.005
A66	70.0	0.06	0.001	0.005	0.000	62.12	62.19	-0.005
A66	80.0	0.05	0.001	0.002	0.000	62.12	62.17	-0.004
A66	90.0	0.04	0.001	0.001	0.000	62.12	62.17	-0.003
A66	100.0	0.04	0.001	0.000	0.000	62.12	62.16	-0.002
A67	1.5	0.17	0.001	0.004	0.002	62.12	62.30	-0.005
A67	5.0	0.17	0.001	0.004	0.002	62.12	62.29	-0.005
A67	10.0	0.15	0.001	0.004	0.002	62.12	62.28	-0.005
A67	20.0	0.12	0.001	0.004	0.002	62.12	62.25	-0.005
A67	30.0	0.10	0.001	0.004	0.002	62.12	62.23	-0.005
A68	1.5	0.27	0.003	0.006	0.002	62.12	62.40	-0.032
A68	5.0	0.27	0.003	0.006	0.002	62.12	62.40	-0.032
A68	10.0	0.26	0.003	0.006	0.002	62.12	62.40	-0.032
A68	20.0	0.24	0.004	0.007	0.002	62.12	62.37	-0.032
A68	30.0	0.24	0.004	0.007	0.001	62.12	62.33	-0.039
A68	40.0	0.16	0.004	0.006	0.001	62.12	62.29	0.000
A68	50.0	0.12	0.003	0.005	0.001	62.12	62.25	0.004
A68	60.0	0.09	0.003	0.004	0.000	62.12	62.22	0.000
A68	70.0	0.07	0.003	0.003	0.000	62.12	62.20	0.007
A68	80.0	0.05	0.001	0.002	0.000	62.12	62.18	0.008
A69	10.0	0.30	0.004	0.005	0.002	62.12	62.44	-0.046
A69	20.0	0.28	0.005	0.005	0.002	62.12	62.41	-0.036
A70	1.5	0.20	0.002	0.003	0.002	62.12	62.33	-0.006
A70	5.0	0.18	0.002	0.003	0.002	62.12	62.31	-0.006
A70	10.0	0.16	0.002	0.003	0.002	62.12	62.29	-0.006
A70	20.0	0.13	0.002	0.003	0.002	62.12	62.26	-0.006
A70	30.0	0.11	0.002	0.003	0.001	62.12	62.24	-0.005
A70	40.0	0.09	0.003	0.003	0.001	62.12	62.22	-0.003
A70	50.0	0.07	0.002	0.003	0.001	62.20	62.20	-0.002
A70	60.0	0.06	0.001	0.002	0.000	62.12	62.18	-0.001
A70	70.0	0.05	0.001	0.001	0.000	62.12	62.17	0.000
A70	80.0	0.04	0.001	0.000	0.000	62.12	62.16	0.001
A71	1.5	0.24	0.004	0.003	0.002	62.12	62.37	-0.021
A71	5.0	0.23	0.004	0.003	0.002	62.12	62.36	-0.021
A71	10.0	0.22	0.004	0.003	0.002	62.12	62.35	-0.021
A71	20.0	0.19	0.004	0.003	0.002	62.12	62.32	-0.020
A71	30.0	0.16	0.004	0.003	0.002	62.12	62.29	-0.013
A71	40.0	0.13	0.004	0.003	0.001	62.12	62.26	-0.005
A71	50.0	0.10	0.004	0.003	0.001	62.12	62.23	0.000
A71	60.0	0.08	0.003	0.003	0.000	62.12	62.21	0.003
A71	70.0	0.07	0.003	0.002	0.000	62.12	62.19	0.004
A71	80.0	0.05	0.002	0.001	0.000	62.12	62.18	0.004
A72	1.5	0.25	0.004	0.002	0.003	62.12	62.38	-0.023
A72	5.0	0.24	0.004	0.002	0.003	62.12	62.37	-0.023
A72	10.0	0.21	0.004	0.002	0.003	62.12	62.34	-0.023
A72	20.0	0.18	0.004	0.003	0.002	62.12	62.31	-0.017
A72	30.0	0.15	0.004	0.003	0.002	62.12	62.28	-0.008
A72	40.0	0.12	0.004	0.003	0.001	62.12	62.25	-0.002
A72	50.0	0.09	0.004	0.002	0.001	62.12	62.22	0.002
A72	60.0	0.07	0.003	0.003	0.000	62.12	62.20	0.003
A72	70.0	0.06	0.003	0.002	0.000	62.12	62.18	0.004
A72	80.0	0.05	0.003	0.001	0.000	62.12	62.17	0.004
A73	1.5	0.14	0.002	0.001	0.001	62.12	62.27	-0.014
A73	5.0	0.14	0.002	0.001	0.001	62.12	62.27	-0.014
A73	10.0	0.13	0.002	0.001	0.002	62.12	62.26	-0.014
A73	20.0	0.11	0.001	0.001	0.002	62.12	62.24	-0.012
A73	30.0	0.09	0.002	0.001	0.002	62.12	62.22	-0.012
A73	40.0	0.07	0.002	0.001	0.002	62.12	62.20	-0.011
A73	50.0	0.06	0.002	0.001	0.001	62.12	62.19	-0.011
A73	60.0	0.05	0.002	0.001	0.001	62.12	62.17	0.000
A74	1.5	0.31	0.000	0.000	0.000	63.00	63.31	-0.020
A74	5.0	0.23	0.000	0.000	0.000	63.00	63.23	-0.020
A74	10.0	0.19	0.000	0.000	0.000	63.00	63.20	-0.014
A74	20.0	0.15	0.000	0.000	0.000	63.00	63.15	-0.018
A74	30.0	0.10	0.000	0.000	0.000	63.00	63.10	-0.037
A74	40.0	0.06	0.000	0.000	0.000	63.00	63.07	-0.034
A74	50.0	0.04	0.000	0.000	0.000	63.00	63.04	-0.024
A74	60.0	0.03	0.000	0.000	0.000	63.00	63.03	-0.016
A74	70.0	0.02	0.000	0.000	0.000	63.00	63.02	-0.010
A74	80.0	0.02	0.000	0.000	0.000	63.00	63.02	-0.007
A75	10.0	0.34	0.000	0.000	0.000	63.00	63.34	-0.031
A75	20.0	0.21	0.000	0.000	0.000	63.00	63.21	-0.048
A75	30.0	0.09	0.000	0.000	0.000	63.00	63.09	-0.059
A75	40.0	0.06	0.000	0.000	0.000	63.00	63.06	-0.033
A75	50.0	0.04	0.000	0.000	0.000	63.00	63.04	-0.020
A75	60.0	0.03	0.000	0.000	0.000	63.00	63.03	-0.013
A75	70.0	0.02	0.000	0.000	0.000	63.00	63.02	-0.008
A76	1.5	0.11	0.000	0.000	0.000	63.11	63.11	0.000
A77	1.5	0.17	0.000	0.000	0.002	63.00	63.17	-0.002
A77	5.0	0.19	0.000	0.000	0.002	63.00	63.19	-0.002
A77	10.0	0.18	0.000	0.000	0.002	63.00	63.19	-0.002
A77	20.0	0.09	0.000	0.000	0.002	63.00	63.09	-0.002
A77	30.0	0.07	0.000	0.000	0.002	63.00	63.07	-0.002
A77	40.0	0.06	0.000	0.000	0.001	63.00	63.06	0.000
A77	50.0	0.05	0.000	0.000	0.000	63.00	63.05	0.002
A77	60.0	0.04	0.000	0.000	0.000	63.00	63.04	0.003
A77	70.0	0.03	0.000	0.000	0.000	63.00	63.04	0.004
A77	80.0	0.03	0.000	0.000	0.000	63.00	63.04	0.004
A78	1.5	0.08	0.000	0.000	0.000	63.06	63.06	0.000
A78	5.0	0.05	0.000	0.000	0.001	63.00	63.05	0.002
A78	10.0	0.04	0.000	0.000	0.000	63.00	63.04	0.003
A78	20.0	0.03	0.000	0.000	0.000	63.00	63.03	0.004
A78	30.0	0.03	0.000	0.000	0.000	63.00	63.03	0.004
A78	40.0	0.03	0.000	0.000	0.000			

Appendix 3.20 Detailed Prediction Result (Operation Phase, Shatin, without Proposed Noise Mitigation)

Shatin Year 2034 (without proposed noise mitigation)

Annual RSP Concentration (µg/m³)								
Receptor ID	Height (mAG)	Vehicular	Vert Bldg	ST Portal	T4	Background	Total	Difference (with Proposed Noise Mitigation - without Proposed Noise Mitigation)
A61	1.5	0.13	0.003	0.002	0.000	26.43	26.57	-0.001
A61	5.0	0.12	0.003	0.002	0.000	26.43	26.56	-0.001
A61	10.0	0.10	0.003	0.002	0.000	26.43	26.53	-0.001
A61	20.0	0.07	0.003	0.002	0.000	26.43	26.51	-0.001
A61	30.0	0.06	0.003	0.002	0.000	26.49	26.49	0.000
A61	40.0	0.05	0.003	0.002	0.000	26.43	26.49	-0.001
A61	50.0	0.04	0.003	0.002	0.000	26.43	26.48	-0.001
A61	60.0	0.04	0.002	0.002	0.000	26.43	26.48	-0.001
A61	70.0	0.04	0.002	0.002	0.000	26.43	26.47	-0.001
A61	80.0	0.03	0.002	0.002	0.000	26.43	26.47	-0.001
A61	90.0	0.03	0.002	0.002	0.000	26.43	26.47	-0.001
A61	100.0	0.03	0.002	0.001	0.000	26.43	26.46	0.000
A62	1.5	0.20	0.003	0.002	0.000	26.43	26.64	-0.001
A62	5.0	0.17	0.003	0.002	0.000	26.43	26.60	-0.001
A62	10.0	0.11	0.003	0.002	0.000	26.55	26.55	-0.001
A62	20.0	0.07	0.003	0.002	0.000	26.43	26.51	-0.001
A63	1.5	0.16	0.003	0.002	0.000	26.43	26.60	-0.001
A63	5.0	0.14	0.003	0.002	0.000	26.43	26.58	-0.001
A63	10.0	0.11	0.003	0.002	0.000	26.43	26.55	-0.001
A64	1.5	0.09	0.003	0.005	0.000	26.53	26.53	-0.002
A64	5.0	0.09	0.003	0.005	0.000	26.43	26.53	-0.002
A64	10.0	0.08	0.004	0.005	0.000	26.43	26.52	-0.002
A64	20.0	0.08	0.005	0.004	0.000	26.43	26.52	-0.002
A64	30.0	0.07	0.005	0.004	0.000	26.43	26.51	-0.002
A64	40.0	0.07	0.004	0.004	0.000	26.43	26.51	-0.002
A64	50.0	0.06	0.004	0.004	0.000	26.43	26.50	-0.002
A64	60.0	0.06	0.003	0.004	0.000	26.43	26.50	-0.002
A64	70.0	0.05	0.003	0.004	0.000	26.43	26.49	-0.001
A64	80.0	0.04	0.003	0.003	0.000	26.43	26.48	-0.001
A64	90.0	0.03	0.004	0.003	0.000	26.43	26.47	-0.001
A64	100.0	0.03	0.004	0.001	0.000	26.43	26.46	0.000
A65	1.5	0.16	0.003	0.003	0.000	26.43	26.60	-0.003
A65	5.0	0.13	0.003	0.003	0.000	26.43	26.57	-0.003
A65	10.0	0.10	0.003	0.003	0.000	26.43	26.54	-0.003
A66	1.5	0.11	0.003	0.006	0.000	26.43	26.55	-0.003
A66	5.0	0.11	0.003	0.006	0.001	26.43	26.55	-0.003
A66	10.0	0.11	0.004	0.006	0.001	26.43	26.55	-0.003
A66	20.0	0.10	0.005	0.005	0.000	26.43	26.55	-0.003
A66	30.0	0.10	0.005	0.005	0.000	26.43	26.54	-0.003
A66	40.0	0.09	0.005	0.004	0.000	26.43	26.54	-0.003
A66	50.0	0.09	0.003	0.004	0.000	26.43	26.53	-0.003
A66	60.0	0.08	0.003	0.005	0.000	26.43	26.52	-0.003
A66	70.0	0.07	0.003	0.005	0.000	26.43	26.51	-0.002
A66	80.0	0.05	0.003	0.003	0.000	26.43	26.49	-0.001
A66	90.0	0.04	0.004	0.002	0.000	26.43	26.47	0.000
A66	100.0	0.03	0.004	0.001	0.000	26.43	26.46	0.000
A67	1.5	0.12	0.003	0.005	0.001	26.43	26.56	-0.004
A67	5.0	0.12	0.003	0.005	0.001	26.43	26.56	-0.004
A67	10.0	0.11	0.003	0.005	0.001	26.43	26.55	-0.004
A67	20.0	0.10	0.004	0.005	0.001	26.43	26.55	-0.004
A67	30.0	0.10	0.004	0.004	0.000	26.43	26.54	-0.004
A68	1.5	0.21	0.005	0.007	0.000	26.43	26.65	0.003
A68	5.0	0.21	0.005	0.007	0.000	26.43	26.65	0.003
A68	10.0	0.21	0.006	0.007	0.000	26.43	26.65	0.003
A68	20.0	0.19	0.007	0.007	0.000	26.44	26.64	0.014
A68	30.0	0.13	0.009	0.007	0.000	26.43	26.58	0.034
A68	40.0	0.08	0.007	0.007	0.000	26.43	26.52	0.027
A68	50.0	0.05	0.006	0.005	0.000	26.43	26.49	0.015
A68	60.0	0.03	0.007	0.003	0.000	26.43	26.48	0.009
A68	70.0	0.02	0.006	0.002	0.000	26.43	26.47	0.006
A68	80.0	0.02	0.004	0.001	0.000	26.43	26.46	0.005
A69	10.0	0.23	0.005	0.006	0.000	26.43	26.67	0.023
A69	20.0	0.22	0.007	0.006	0.000	26.43	26.66	0.019
A70	1.5	0.20	0.004	0.004	0.001	26.43	26.64	-0.006
A70	5.0	0.16	0.004	0.004	0.001	26.43	26.60	-0.006
A70	10.0	0.14	0.004	0.004	0.001	26.43	26.58	-0.006
A70	20.0	0.12	0.004	0.004	0.000	26.43	26.56	-0.004
A70	30.0	0.10	0.005	0.004	0.000	26.43	26.54	0.004
A70	40.0	0.08	0.003	0.003	0.000	26.52	26.43	0.009
A70	50.0	0.06	0.004	0.003	0.000	26.43	26.50	0.010
A70	60.0	0.04	0.003	0.003	0.000	26.43	26.48	0.009
A70	70.0	0.03	0.003	0.002	0.000	26.43	26.47	0.008
A70	80.0	0.02	0.003	0.001	0.000	26.43	26.46	0.006
A71	1.5	0.20	0.004	0.004	0.001	26.43	26.64	-0.004
A71	5.0	0.20	0.004	0.004	0.001	26.43	26.64	-0.004
A71	10.0	0.20	0.004	0.004	0.001	26.43	26.64	-0.004
A71	20.0	0.18	0.005	0.004	0.000	26.43	26.63	-0.002
A71	30.0	0.15	0.005	0.004	0.000	26.43	26.59	0.013
A71	40.0	0.10	0.005	0.004	0.000	26.54	26.43	0.020
A71	50.0	0.06	0.005	0.003	0.000	26.43	26.50	0.018
A71	60.0	0.04	0.004	0.003	0.000	26.43	26.48	0.012
A71	70.0	0.03	0.004	0.002	0.000	26.43	26.47	0.008
A71	80.0	0.02	0.004	0.001	0.000	26.43	26.46	0.006
A72	1.5	0.25	0.003	0.001	0.001	26.49	26.68	-0.002
A72	5.0	0.23	0.004	0.003	0.001	26.43	26.67	-0.005
A72	10.0	0.20	0.004	0.003	0.001	26.43	26.64	-0.005
A72	20.0	0.17	0.004	0.003	0.001	26.43	26.61	0.007
A72	30.0	0.12	0.005	0.003	0.000	26.43	26.56	0.018
A72	40.0	0.08	0.003	0.003	0.000	26.52	26.43	0.019
A72	50.0	0.05	0.004	0.003	0.000	26.43	26.49	0.014
A72	60.0	0.04	0.003	0.002	0.000	26.43	26.47	0.010
A72	70.0	0.03	0.003	0.002	0.000	26.43	26.46	0.007
A72	80.0	0.02	0.004	0.001	0.000	26.43	26.46	0.005
A73	1.5	0.20	0.003	0.001	0.001	26.43	26.68	-0.006
A73	5.0	0.18	0.003	0.002	0.001	26.43	26.58	-0.006
A73	10.0	0.14	0.003	0.002	0.001	26.43	26.58	-0.006
A73	20.0	0.11	0.003	0.002	0.001	26.43	26.56	-0.006
A73	30.0	0.10	0.003	0.002	0.001	26.43	26.54	-0.006
A73	40.0	0.09	0.003	0.002	0.001	26.53	26.43	0.006
A73	50.0	0.08	0.003	0.002	0.000	26.43	26.52	0.000
A73	60.0	0.07	0.003	0.002	0.000	26.43	26.50	0.007
A74	1.5	0.23	0.002	0.002	0.001	26.54	26.77	-0.007
A74	5.0	0.17	0.003	0.002	0.001	26.54	26.71	-0.007
A74	10.0	0.14	0.003	0.002	0.001	26.48	26.54	-0.002
A74	20.0	0.11	0.003	0.002	0.000	26.54	26.65	0.018
A74	30.0	0.07	0.003	0.002	0.000	26.54	26.61	0.029
A74	40.0	0.05	0.003	0.002	0.000	26.54	26.59	0.026
A74	50.0	0.03	0.003	0.002	0.000	26.54	26.57	0.019
A74	60.0	0.02	0.002	0.001	0.000	26.56	26.54	0.014
A74	70.0	0.02	0.002	0.001	0.000	26.54	26.55	0.010
A74	80.0	0.01	0.002	0.001	0.000	26.54	26.55	0.008
A75	10.0	0.23	0.002	0.001	0.001	26.54	26.77	-0.012
A75	20.0	0.15	0.003	0.001	0.000	26.54	26.69	0.040
A75	30.0	0.07	0.003	0.001	0.000	26.61	26.54	0.043
A75	40.0	0.04	0.003	0.001	0.000	26.54	26.58	0.025
A75	50.0	0.03	0.002	0.001	0.000	26.54	26.57	0.016
A75	60.0	0.02	0.002	0.001	0.000	26.54	26.56	0.012
A75	70.0	0.01	0.002	0.001	0.000	26.54	26.55	0.009
A76	1.5	0.13	0.001	0.001	0.001	26.67	26.54	0.007
A77	1.5	0.13	0.002	0.001	0.001	26.54	26.67	0.001
A77	5.0	0.14	0.002	0.001	0.001	26.54	26.68	0.003
A77	10.0	0.14	0.002	0.001	0.001	26.54	26.67	0.001
A77	20.0	0.08	0.002	0.001	0.001	26.54	26.62	0.001
A77	30.0	0.06	0.001	0.001	0.001	26.60	26.54	0.006
A77	40.0	0.05	0.002	0.001	0.000	26.54	26.59	0.004
A77	50.0	0.04	0.002	0.001	0.000	26.54	26.58	0.006
A77	60.0	0.03	0.001	0.001	0.000	26.54	26.57	0.007
A77	70.0	0.03	0.001	0.001	0.000	26.54	26.56	0.007
A77	80.0	0.02	0.001	0.001	0.000	26.56	26.54	0.002
A77	90.0	0.02	0.001	0.001	0.000	26.54	26.55	0.006
A78	10.0	0.12	0.002	0.001	0.001	26.54	26.66	0.006
A78	20.0	0.07	0.002	0.001	0.001	26.54	26.61	0.001
A78	30.0	0.06	0.002	0.001	0.001	26.54	26.60	0.001
A78	40.0	0.05	0.001	0.001	0.001	26.54	26.59	0.005
A78	50.0	0.04	0.001	0.001	0.000	26.54	26.58	0.

Appendix 3.20 Detailed Prediction Result (Operation Phase, Shatin, without Proposed Noise Mitigation)

Shatin, Year 2034 (without proposed noise mitigation)

19th Highest Daily FSP Concentration (µg/m³)

Receptor ID	Height (mAG)	Vehicular	Vert Bldg	ST Portal	T4	Background	Total	Difference (with Proposed Noise Mitigation - without Proposed Noise Mitigation)
A61	1.5	0.19	0.005	0.003	0.001	32.69	32.88	-0.001
A61	5.0	0.16	0.005	0.003	0.001	32.69	32.86	-0.001
A61	10.0	0.13	0.005	0.003	0.001	32.69	32.82	-0.001
A61	20.0	0.08	0.006	0.003	0.001	32.69	32.78	-0.001
A61	30.0	0.06	0.004	0.003	0.001	32.69	32.76	-0.001
A61	40.0	0.05	0.005	0.003	0.001	32.69	32.75	-0.001
A61	50.0	0.05	0.004	0.003	0.000	32.69	32.74	-0.001
A61	60.0	0.04	0.003	0.003	0.000	32.69	32.74	-0.001
A61	70.0	0.04	0.003	0.003	0.000	32.69	32.73	-0.001
A61	80.0	0.03	0.003	0.003	0.000	32.69	32.73	-0.001
A61	90.0	0.03	0.003	0.004	0.000	32.69	32.72	-0.001
A61	100.0	0.02	0.003	0.003	0.000	32.69	32.72	-0.001
A62	1.5	0.28	0.007	0.003	0.001	32.69	32.98	-0.001
A62	5.0	0.23	0.007	0.003	0.001	32.69	32.93	-0.001
A62	10.0	0.14	0.007	0.003	0.001	32.69	32.84	-0.001
A62	20.0	0.08	0.008	0.003	0.001	32.69	32.78	-0.001
A62	30.0	0.08	0.008	0.003	0.001	32.69	32.93	-0.001
A62	40.0	0.08	0.008	0.003	0.001	32.69	32.90	-0.001
A62	50.0	0.08	0.008	0.003	0.001	32.69	32.85	-0.001
A62	60.0	0.08	0.008	0.003	0.001	32.69	32.81	-0.001
A62	70.0	0.09	0.012	0.006	0.000	32.69	32.80	-0.003
A62	80.0	0.09	0.014	0.005	0.000	32.69	32.79	-0.003
A62	90.0	0.08	0.008	0.005	0.000	32.69	32.79	-0.003
A62	100.0	0.07	0.007	0.005	0.000	32.69	32.78	-0.003
A64	1.5	0.11	0.004	0.006	0.000	32.69	32.81	-0.003
A64	5.0	0.11	0.007	0.006	0.000	32.69	32.81	-0.003
A64	10.0	0.10	0.008	0.006	0.000	32.69	32.81	-0.003
A64	20.0	0.09	0.012	0.006	0.000	32.69	32.80	-0.003
A64	30.0	0.09	0.014	0.005	0.000	32.69	32.79	-0.003
A64	40.0	0.08	0.008	0.005	0.000	32.69	32.79	-0.003
A64	50.0	0.08	0.007	0.005	0.000	32.69	32.78	-0.003
A64	60.0	0.08	0.005	0.005	0.000	32.69	32.77	-0.003
A64	70.0	0.07	0.004	0.005	0.000	32.69	32.76	-0.003
A64	80.0	0.06	0.005	0.010	0.000	32.69	32.76	-0.003
A64	90.0	0.05	0.004	0.008	0.000	32.69	32.75	-0.002
A64	100.0	0.04	0.011	0.003	0.000	32.69	32.74	-0.002
A65	1.5	0.20	0.010	0.004	0.001	32.69	32.90	-0.004
A65	5.0	0.17	0.010	0.004	0.001	32.69	32.87	-0.004
A65	10.0	0.14	0.004	0.004	0.001	32.69	32.84	-0.004
A65	15	0.11	0.010	0.006	0.000	32.69	32.88	-0.004
A65	20.0	0.09	0.011	0.006	0.000	32.69	32.88	-0.004
A65	30.0	0.07	0.012	0.006	0.000	32.69	32.87	-0.004
A65	40.0	0.07	0.016	0.006	0.000	32.69	32.87	-0.004
A65	50.0	0.07	0.015	0.005	0.000	32.69	32.86	-0.004
A65	60.0	0.07	0.015	0.005	0.000	32.69	32.86	-0.004
A65	70.0	0.07	0.015	0.005	0.000	32.69	32.85	-0.004
A65	80.0	0.07	0.015	0.005	0.000	32.69	32.85	-0.004
A65	90.0	0.07	0.015	0.005	0.000	32.69	32.85	-0.004
A65	100.0	0.07	0.015	0.005	0.000	32.69	32.85	-0.004
A66	1.5	0.17	0.010	0.005	0.000	32.69	32.87	-0.006
A66	5.0	0.17	0.010	0.005	0.000	32.69	32.87	-0.006
A66	10.0	0.16	0.010	0.005	0.000	32.69	32.87	-0.006
A66	15	0.15	0.010	0.005	0.000	32.69	32.86	-0.006
A66	20.0	0.15	0.013	0.005	0.000	32.69	32.86	-0.006
A66	30.0	0.14	0.014	0.005	0.000	32.69	32.86	-0.006
A66	40.0	0.14	0.014	0.005	0.000	32.69	32.84	-0.006
A66	50.0	0.14	0.014	0.005	0.000	32.69	32.84	-0.006
A66	60.0	0.14	0.014	0.005	0.000	32.69	32.84	-0.006
A66	70.0	0.14	0.014	0.005	0.000	32.69	32.84	-0.006
A66	80.0	0.14	0.014	0.005	0.000	32.69	32.84	-0.006
A66	90.0	0.14	0.014	0.005	0.000	32.69	32.84	-0.006
A66	100.0	0.14	0.014	0.005	0.000	32.69	32.84	-0.006
A67	1.5	0.26	0.006	0.008	0.000	32.69	32.96	-0.005
A67	5.0	0.26	0.007	0.008	0.000	32.69	32.96	-0.005
A67	10.0	0.25	0.007	0.008	0.000	32.69	32.96	-0.005
A67	15	0.23	0.008	0.008	0.000	32.69	32.94	-0.005
A67	20.0	0.16	0.009	0.008	0.000	32.69	32.86	-0.005
A67	30.0	0.09	0.008	0.008	0.000	32.69	32.86	-0.005
A67	40.0	0.09	0.008	0.008	0.000	32.69	32.86	-0.005
A67	50.0	0.09	0.008	0.008	0.000	32.69	32.86	-0.005
A67	60.0	0.09	0.008	0.008	0.000	32.69	32.86	-0.005
A67	70.0	0.09	0.008	0.008	0.000	32.69	32.86	-0.005
A67	80.0	0.09	0.008	0.008	0.000	32.69	32.86	-0.005
A67	90.0	0.09	0.008	0.008	0.000	32.69	32.86	-0.005
A67	100.0	0.09	0.008	0.008	0.000	32.69	32.86	-0.005
A68	1.5	0.22	0.006	0.004	0.000	32.69	32.92	-0.009
A68	5.0	0.19	0.006	0.004	0.000	32.69	32.89	-0.009
A68	10.0	0.16	0.007	0.004	0.000	32.69	32.86	-0.007
A68	15	0.14	0.007	0.004	0.000	32.69	32.83	-0.005
A68	20.0	0.10	0.007	0.004	0.000	32.69	32.80	-0.002
A68	30.0	0.08	0.006	0.004	0.000	32.69	32.77	-0.012
A68	40.0	0.08	0.004	0.004	0.000	32.69	32.75	-0.010
A68	50.0	0.08	0.004	0.004	0.000	32.69	32.75	-0.010
A68	60.0	0.08	0.004	0.004	0.000	32.69	32.75	-0.010
A68	70.0	0.08	0.004	0.004	0.000	32.69	32.75	-0.010
A68	80.0	0.08	0.004	0.004	0.000	32.69	32.75	-0.010
A68	90.0	0.08	0.004	0.004	0.000	32.69	32.75	-0.010
A68	100.0	0.08	0.004	0.004	0.000	32.69	32.75	-0.010
A69	1.5	0.27	0.007	0.007	0.000	32.69	32.97	-0.037
A69	5.0	0.22	0.007	0.007	0.000	32.69	32.97	-0.037
A69	10.0	0.19	0.006	0.007	0.000	32.69	32.92	-0.009
A69	15	0.16	0.006	0.007	0.000	32.69	32.89	-0.009
A69	20.0	0.14	0.006	0.007	0.000	32.69	32.89	-0.009
A69	30.0	0.14	0.006	0.007	0.000	32.69	32.89	-0.009
A69	40.0	0.14	0.006	0.007	0.000	32.69	32.89	-0.009
A69	50.0	0.14	0.006	0.007	0.000	32.69	32.89	-0.009
A69	60.0	0.14	0.006	0.007	0.000	32.69	32.89	-0.009
A69	70.0	0.14	0.006	0.007	0.000	32.69	32.89	-0.009
A69	80.0	0.14	0.006	0.007	0.000	32.69	32.89	-0.009
A69	90.0	0.14	0.006	0.007	0.000	32.69	32.89	-0.009
A69	100.0	0.14	0.006	0.007	0.000	32.69	32.89	-0.009
A70	1.5	0.22	0.006	0.004	0.000	32.69	32.92	-0.009
A70	5.0	0.19	0.006	0.004	0.000	32.69	32.89	-0.009
A70	10.0	0.16	0.007	0.004	0.000	32.69	32.86	-0.007
A70	15	0.14	0.007	0.004	0.000	32.69	32.83	-0.005
A70	20.0	0.10	0.007	0.004	0.000	32.69	32.80	-0.002
A70	30.0	0.08	0.006	0.004	0.000	32.69	32.77	-0.012
A70	40.0	0.08	0.004	0.004	0.000	32.69	32.75	-0.010
A70	50.0	0.08	0.004	0.004	0.000	32.69	32.75	-0.010
A70	60.0	0.08	0.004	0.004	0.000	32.69	32.75	-0.010
A70	70.0	0.08	0.004	0.004	0.000	32.69	32.75	-0.010
A70	80.0	0.08	0.004	0.004	0.000	32.69	32.75	-0.010
A70	90.0	0.08	0.004	0.004	0.000	32.69	32.75	-0.010
A70	100.0	0.08	0.004	0.004	0.000	32.69	32.75	-0.010
A71	1.5	0.26	0.006	0.004	0.000	32.69	32.96	-0.022
A71	5.0	0.26	0.006	0.004	0.000	32.69	32.96	-0.022
A71	10.0	0.25	0.006	0.004	0.000	32.69	32.95	-0.022
A71	15	0.25	0.006	0.004	0.000	32.69	32.95	-0.022
A71	20.0	0.23	0.006	0.004	0.000	32.69	32.93	-0.018
A71	30.0	0.19	0.006	0.004	0.000	32.69	32.93	-0.018
A71	40.0	0.13	0.006	0.004	0.000	32.69	32.83	-0.008
A71	50.0	0.08	0.006	0.004	0.000	32.69	32.78	-0.018
A71	60.0	0.08	0.004	0.004	0.000	32.69	32.75	-0.014
A71	70.0	0.04	0.003	0.001	0.000	32.69	32.73	-0.011
A71	80.0	0.03	0.003	0.001	0.000	32.69	32.72	-0.008
A71	90.0	0.03	0.003	0.001	0.000	32.69	32.72	-0.008
A71	100.0	0.03	0.003	0.001	0.000	32.69	32.72	-0.008
A72	1.5	0.31	0.006	0.003	0.000	32.69	33.01	-0.003
A72	5.0	0.28	0.006	0.003	0.000	32.69	32.98	-0.003
A72	10.0	0.25	0.006	0.003	0.000	32.69	32.94	-0.002
A72	15	0.23	0.006	0.003	0.000	32.69	32.91	-0.002
A72	20.0	0.21	0.006	0.003	0.000	32.69	32.91	-0.014
A72	30.0	0.15	0.006	0.003	0.000	32.69	32.85	-0.022
A72	40.0	0.10	0.006	0.003	0.000	32.69	32.79	-0.020
A72	50.0	0.06	0.006	0.003	0.000			

Appendix 3.20 Detailed Prediction Result (Operation Phase, Shatin, without Proposed Noise Mitigation)

Shatin, Year 2034 (without proposed noise mitigation)

Annual FSP Concentration (µg/m³)								
Receptor ID	Height (mAG)	Vehicular	Vent Bldg	ST Portal	T4	Background	Total	Difference (with Proposed Noise Mitigation - without Proposed Noise Mitigation)
A61	1.5	0.003	0.002	0.002	0.000	14.48	14.61	-0.001
A61	5.0	0.11	0.003	0.002	0.000	14.48	14.60	-0.001
A61	10.0	0.09	0.003	0.002	0.000	14.48	14.57	-0.001
A61	20.0	0.06	0.003	0.002	0.000	14.48	14.55	-0.001
A61	30.0	0.05	0.003	0.002	0.000	14.48	14.54	-0.001
A61	40.0	0.04	0.003	0.002	0.000	14.48	14.53	-0.001
A61	50.0	0.04	0.002	0.002	0.000	14.48	14.53	-0.001
A61	60.0	0.04	0.002	0.002	0.000	14.48	14.52	-0.001
A61	70.0	0.04	0.002	0.002	0.000	14.48	14.52	-0.001
A61	80.0	0.03	0.002	0.002	0.000	14.48	14.52	-0.001
A61	90.0	0.03	0.002	0.002	0.000	14.48	14.51	0.000
A61	100.0	0.02	0.002	0.001	0.000	14.48	14.51	0.000
A62	1.5	0.19	0.002	0.002	0.000	14.48	14.67	-0.001
A62	5.0	0.15	0.003	0.002	0.000	14.48	14.64	-0.001
A62	10.0	0.10	0.003	0.002	0.000	14.48	14.59	-0.001
A62	20.0	0.06	0.003	0.002	0.000	14.48	14.55	-0.001
A63	1.5	0.15	0.003	0.002	0.000	14.48	14.63	-0.001
A63	5.0	0.13	0.003	0.002	0.000	14.48	14.62	-0.001
A63	10.0	0.10	0.003	0.002	0.000	14.48	14.59	-0.001
A64	1.5	0.08	0.003	0.002	0.000	14.48	14.57	-0.001
A64	5.0	0.08	0.003	0.002	0.000	14.48	14.57	-0.001
A64	10.0	0.08	0.003	0.004	0.000	14.48	14.57	-0.001
A64	20.0	0.07	0.004	0.004	0.000	14.48	14.56	-0.001
A64	30.0	0.07	0.005	0.004	0.000	14.48	14.56	-0.001
A64	40.0	0.06	0.004	0.004	0.000	14.48	14.55	-0.001
A64	50.0	0.06	0.003	0.003	0.000	14.48	14.55	-0.001
A64	60.0	0.06	0.003	0.003	0.000	14.48	14.54	-0.001
A64	70.0	0.05	0.003	0.004	0.000	14.48	14.54	-0.001
A64	80.0	0.04	0.002	0.003	0.000	14.48	14.53	-0.001
A64	90.0	0.03	0.003	0.002	0.000	14.48	14.52	-0.001
A64	100.0	0.02	0.004	0.001	0.000	14.48	14.51	0.000
A65	1.5	0.15	0.003	0.003	0.000	14.48	14.64	-0.003
A65	5.0	0.12	0.003	0.003	0.000	14.48	14.61	-0.003
A65	10.0	0.09	0.003	0.003	0.001	14.48	14.58	-0.003
A65	1.5	0.10	0.003	0.003	0.000	14.48	14.59	-0.003
A65	5.0	0.10	0.003	0.005	0.000	14.48	14.59	-0.003
A66	10.0	0.10	0.003	0.005	0.000	14.48	14.59	-0.003
A66	20.0	0.10	0.004	0.005	0.000	14.48	14.59	-0.003
A66	30.0	0.09	0.005	0.004	0.000	14.48	14.58	-0.003
A66	40.0	0.09	0.004	0.004	0.000	14.48	14.58	-0.003
A66	50.0	0.08	0.003	0.004	0.000	14.48	14.57	-0.003
A66	60.0	0.07	0.003	0.004	0.000	14.48	14.56	-0.002
A66	70.0	0.06	0.003	0.004	0.000	14.48	14.55	-0.002
A66	80.0	0.05	0.003	0.003	0.000	14.48	14.53	-0.001
A66	90.0	0.03	0.003	0.002	0.000	14.48	14.52	-0.001
A66	100.0	0.02	0.003	0.001	0.000	14.48	14.51	0.001
A67	1.5	0.11	0.003	0.005	0.000	14.48	14.60	-0.003
A67	5.0	0.11	0.003	0.005	0.001	14.48	14.60	-0.003
A67	10.0	0.10	0.003	0.004	0.001	14.48	14.59	-0.003
A67	20.0	0.10	0.004	0.004	0.000	14.48	14.59	-0.003
A67	30.0	0.09	0.004	0.004	0.000	14.48	14.58	-0.003
A68	1.5	0.19	0.005	0.007	0.000	14.48	14.69	0.003
A68	5.0	0.19	0.005	0.007	0.000	14.48	14.69	0.003
A68	10.0	0.19	0.005	0.007	0.000	14.48	14.68	0.003
A68	20.0	0.17	0.007	0.007	0.000	14.48	14.67	0.003
A68	30.0	0.17	0.007	0.007	0.000	14.48	14.67	0.003
A68	40.0	0.07	0.007	0.006	0.000	14.48	14.67	0.003
A68	50.0	0.05	0.006	0.004	0.000	14.48	14.66	0.003
A68	60.0	0.03	0.006	0.002	0.000	14.48	14.65	0.003
A68	70.0	0.02	0.006	0.002	0.000	14.48	14.64	0.003
A68	80.0	0.02	0.003	0.001	0.000	14.48	14.62	0.004
A69	10.0	0.21	0.005	0.005	0.000	14.48	14.70	0.022
A69	20.0	0.20	0.006	0.005	0.000	14.48	14.70	0.018
A70	1.5	0.18	0.003	0.003	0.001	14.48	14.67	-0.005
A70	5.0	0.15	0.003	0.003	0.001	14.48	14.64	-0.005
A70	10.0	0.13	0.003	0.003	0.001	14.48	14.62	-0.005
A70	20.0	0.11	0.004	0.003	0.000	14.48	14.60	-0.004
A70	30.0	0.10	0.004	0.003	0.000	14.48	14.59	0.003
A70	40.0	0.07	0.004	0.003	0.000	14.48	14.56	-0.003
A70	50.0	0.05	0.004	0.003	0.000	14.48	14.54	-0.010
A70	60.0	0.04	0.003	0.002	0.000	14.48	14.53	0.009
A70	70.0	0.03	0.003	0.002	0.000	14.48	14.51	0.007
A70	80.0	0.02	0.003	0.001	0.000	14.48	14.51	0.006
A71	1.5	0.19	0.004	0.003	0.001	14.48	14.68	-0.004
A71	5.0	0.19	0.004	0.003	0.001	14.48	14.68	-0.004
A71	10.0	0.18	0.004	0.003	0.001	14.48	14.67	-0.004
A71	20.0	0.17	0.003	0.003	0.000	14.48	14.66	-0.001
A71	30.0	0.14	0.005	0.003	0.000	14.48	14.63	0.012
A71	40.0	0.09	0.005	0.003	0.000	14.48	14.58	0.008
A71	50.0	0.06	0.004	0.003	0.000	14.48	14.55	0.017
A71	60.0	0.04	0.004	0.003	0.000	14.48	14.53	0.012
A71	70.0	0.03	0.004	0.002	0.000	14.48	14.52	0.008
A71	80.0	0.02	0.004	0.001	0.000	14.48	14.51	0.006
A72	1.5	0.23	0.004	0.003	0.001	14.48	14.72	-0.004
A72	5.0	0.21	0.004	0.003	0.001	14.48	14.70	-0.004
A72	10.0	0.19	0.004	0.003	0.001	14.48	14.68	-0.004
A72	20.0	0.16	0.004	0.003	0.000	14.48	14.65	0.007
A72	30.0	0.11	0.004	0.003	0.000	14.48	14.60	0.017
A72	40.0	0.07	0.004	0.003	0.000	14.48	14.56	0.039
A72	50.0	0.05	0.004	0.003	0.000	14.48	14.54	0.013
A72	60.0	0.03	0.003	0.002	0.000	14.48	14.52	0.009
A72	70.0	0.02	0.003	0.001	0.000	14.48	14.51	0.006
A72	80.0	0.02	0.003	0.001	0.000	14.48	14.50	0.005
A73	1.5	0.13	0.003	0.002	0.000	14.48	14.62	-0.002
A73	5.0	0.13	0.003	0.002	0.001	14.48	14.61	-0.005
A73	10.0	0.12	0.003	0.002	0.001	14.48	14.60	-0.005
A73	20.0	0.10	0.003	0.002	0.001	14.48	14.59	-0.005
A73	30.0	0.09	0.003	0.002	0.001	14.48	14.58	-0.005
A73	40.0	0.09	0.003	0.002	0.000	14.48	14.57	-0.005
A73	50.0	0.08	0.002	0.002	0.000	14.48	14.56	0.001
A73	60.0	0.06	0.002	0.001	0.000	14.48	14.55	0.007
A74	1.5	0.21	0.002	0.002	0.001	14.50	14.71	-0.007
A74	5.0	0.16	0.002	0.002	0.001	14.50	14.66	-0.007
A74	10.0	0.13	0.002	0.002	0.001	14.50	14.63	-0.013
A74	20.0	0.10	0.003	0.001	0.000	14.50	14.60	0.016
A74	30.0	0.07	0.003	0.001	0.000	14.50	14.57	0.026
A74	40.0	0.04	0.003	0.001	0.000	14.50	14.54	0.024
A74	50.0	0.03	0.002	0.001	0.000	14.50	14.53	0.017
A74	60.0	0.02	0.002	0.001	0.000	14.50	14.52	0.012
A74	70.0	0.01	0.002	0.001	0.000	14.50	14.52	0.009
A74	80.0	0.01	0.002	0.001	0.000	14.50	14.51	0.007
A75	10.0	0.22	0.002	0.001	0.001	14.50	14.72	-0.012
A75	20.0	0.14	0.002	0.001	0.000	14.50	14.64	0.036
A75	30.0	0.08	0.002	0.001	0.000	14.50	14.56	0.039
A75	40.0	0.04	0.002	0.001	0.000	14.50	14.54	0.022
A75	50.0	0.03	0.002	0.001	0.000	14.50	14.53	0.014
A75	60.0	0.02	0.002	0.001	0.000	14.50	14.52	0.010
A75	70.0	0.01	0.002	0.001	0.000	14.50	14.51	0.008
A75	80.0	0.01	0.002	0.001	0.000	14.50	14.51	0.008
A75	90.0	0.01	0.002	0.001	0.000	14.50	14.51	0.008
A75	100.0	0.01	0.002	0.001	0.000	14.50	14.51	0.008
A76	1.5	0.12	0.002	0.001	0.000	14.50	14.62	-0.002
A76	5.0	0.12	0.002	0.001	0.000	14.50	14.62	-0.002
A76	10.0	0.12	0.002	0.001	0.000	14.50	14.63	0.000
A76	20.0	0.10	0.002	0.001	0.000	14.50	14.63	0.000
A76	30.0	0.07	0.002	0.001	0.000	14.50	14.63	0.000
A76	40.0	0.05	0.002	0.001	0.000	14.50	14.63	0.000
A76	50.0	0.04	0.002	0.001	0.000	14.50	14.63	0.000
A76	60.0	0.03	0.002	0.001	0.000	14.50	14.63	0.000
A76	70.0	0.02	0.002	0.001	0.000	14.50	14.63	0.000
A76	80.0	0.02	0.002	0.001	0.000	14.50	14.63	0.000
A76	90.0	0.01	0.002	0.001	0.000	14.50	14.63	0.000
A76	100.0	0.01	0.002	0.001	0.000	14.50	14.63	0.000
A77	1.5	0.13	0.002	0.001	0.000	14.50	14.63	-0.003
A77	5.0	0.13	0.002	0.001	0.000	14.50	14.63	

Appendix 3.20 Detailed Prediction Result (Operation Phase, Shatin, without Proposed Noise Mitigation)

Shatin, Year 2034 (without proposed noise mitigation)

Receptor ID	Height (mAG)	Vehicular	Vent Bldg	ST Portal	T4	Background	Total	Difference (with Proposed Noise Mitigation - without Proposed Noise Mitigation)
A61	1.5	12.68	0.039	0.204	0.027	92.00	104.95	0.000
A61	5.0	2.85	0.020	0.159	0.008	100.26	103.29	0.000
A61	10.0	3.64	0.203	0.272	0.016	94.88	99.01	-0.070
A61	20.0	0.00	0.037	0.200	0.005	96.97	97.22	0.000
A61	30.0	0.00	0.038	0.191	0.003	97.20	97.20	0.000
A61	40.0	0.00	0.034	0.183	0.002	96.97	97.19	0.000
A61	50.0	0.00	0.029	0.178	0.001	96.97	97.18	0.000
A61	60.0	0.00	0.023	0.178	0.000	96.97	97.17	0.000
A61	70.0	0.00	0.311	0.357	0.000	95.88	97.12	0.000
A61	80.0	0.49	0.373	0.407	0.000	95.88	97.12	0.000
A61	90.0	1.51	0.674	0.000	0.000	94.00	96.84	0.000
A61	100.0	0.99	0.856	0.359	0.000	94.00	96.21	0.000
A62	1.5	59.68	0.048	0.214	0.141	56.09	116.18	0.026
A62	5.0	67.30	0.037	0.014	0.014	41.91	109.27	-0.651
A62	10.0	2.22	0.071	0.214	0.017	90.70	100.62	0.000
A62	20.0	0.11	0.036	0.182	0.005	96.97	97.31	0.000
A63	1.5	4.80	0.090	0.278	0.022	111.23	116.42	-0.131
A63	5.0	69.90	0.103	0.227	0.130	44.03	114.39	-0.103
A63	10.0	61.80	0.081	0.243	0.128	39.67	101.92	-0.007
A64	1.5	0.00	0.012	0.332	0.006	100.26	100.61	0.000
A64	5.0	0.00	0.013	0.330	0.000	100.26	100.61	0.000
A64	10.0	16.05	0.062	0.040	0.009	83.99	100.14	-0.006
A64	20.0	2.97	0.918	0.804	0.001	94.00	98.70	0.000
A64	30.0	2.97	1.050	0.637	0.001	94.00	98.67	0.000
A64	40.0	0.779	0.779	0.501	0.000	94.00	98.26	0.000
A64	50.0	0.00	0.000	0.314	0.001	96.97	97.32	0.000
A64	60.0	0.00	0.020	0.322	0.000	96.97	97.32	0.000
A64	70.0	2.08	0.523	0.649	0.000	94.00	97.26	0.000
A64	80.0	1.28	0.484	0.509	0.000	94.00	96.28	0.000
A64	90.0	0.00	0.004	0.004	0.000	95.54	95.54	0.000
A64	100.0	0.00	0.006	0.001	0.000	95.54	95.55	0.000
A65	1.5	0.00	0.005	0.059	0.004	101.86	101.93	0.000
A65	5.0	14.55	0.072	0.277	0.019	86.06	100.97	0.000
A65	10.0	3.04	0.406	0.175	0.003	95.88	99.51	-0.001
A66	1.5	3.23	0.300	0.300	0.003	99.78	99.78	0.000
A66	5.0	3.23	0.305	0.356	0.002	95.88	99.78	0.000
A66	10.0	7.09	0.033	0.417	0.081	92.00	99.62	-0.010
A66	20.0	5.87	0.045	0.416	0.055	92.00	98.38	-0.010
A66	30.0	3.12	0.468	0.137	0.001	94.00	97.73	0.000
A66	40.0	3.12	0.428	0.110	0.000	94.00	97.47	0.000
A66	50.0	3.06	0.402	0.104	0.000	94.00	97.57	0.000
A66	60.0	0.00	0.020	0.344	0.000	96.97	97.34	0.000
A66	70.0	0.00	0.018	0.334	0.000	96.97	97.33	0.000
A66	80.0	0.74	0.836	1.573	0.000	93.90	97.04	0.000
A66	90.0	1.46	0.042	0.042	0.005	94.41	97.46	0.000
A66	100.0	0.27	1.234	0.339	0.000	93.90	95.74	0.000
A67	1.5	1.10	0.724	0.325	0.005	98.51	100.66	0.000
A67	5.0	1.10	0.724	0.323	0.004	98.51	100.66	0.000
A67	10.0	7.26	0.037	0.339	0.081	92.00	99.72	-0.009
A67	20.0	3.21	0.178	0.200	0.001	99.47	99.47	0.000
A67	30.0	3.21	0.372	0.174	0.001	96.97	99.64	0.000
A68	1.5	9.65	0.029	0.428	0.115	92.00	102.21	-0.090
A68	5.0	9.57	0.031	0.436	0.106	92.00	102.13	-0.006
A68	10.0	0.00	0.023	0.412	0.001	101.70	102.14	0.000
A68	20.0	0.00	0.035	0.425	0.000	101.70	102.16	0.000
A68	30.0	1.67	0.130	0.528	0.002	100.43	98.10	0.000
A68	40.0	0.57	0.284	0.413	0.000	96.97	98.54	0.521
A68	50.0	0.55	2.675	1.059	0.001	93.90	98.18	0.128
A68	60.0	0.97	1.278	0.860	0.000	93.01	98.12	0.000
A68	70.0	0.00	0.272	0.000	0.000	96.88	96.16	0.000
A68	80.0	0.00	1.534	0.017	0.000	93.90	95.45	0.075
A69	10.0	32.36	0.028	0.334	0.088	71.16	103.97	-1.071
A69	20.0	7.26	0.115	0.474	0.002	94.88	102.69	-0.152
A70	1.5	0.010	0.002	0.000	0.000	103.00	103.00	0.000
A70	5.0	1.99	0.697	0.190	0.002	98.51	101.39	-0.020
A70	10.0	1.18	0.699	0.192	0.002	98.51	100.58	-0.029
A70	20.0	2.01	0.082	0.269	0.003	98.10	100.47	0.093
A70	30.0	2.74	0.551	0.098	0.000	95.88	99.27	0.951
A70	40.0	0.85	0.001	0.273	0.001	98.10	98.48	0.000
A70	50.0	0.00	0.076	0.207	0.001	94.88	97.42	0.488
A70	60.0	0.00	1.03	0.091	0.001	95.32	96.50	0.491
A70	70.0	0.00	0.427	0.004	0.000	95.88	96.32	0.028
A70	80.0	0.00	0.001	0.001	0.000	95.88	96.24	0.003
A71	1.5	7.20	0.082	0.281	0.099	100.44	100.44	0.000
A71	5.0	7.20	0.082	0.284	0.006	94.88	102.45	0.996
A71	10.0	0.83	0.083	0.290	0.005	94.88	102.45	0.089
A71	20.0	8.84	0.047	0.232	0.084	92.00	101.20	0.759
A71	30.0	1.13	0.144	0.195	0.001	98.51	100.50	0.776
A71	40.0	0.04	0.086	0.268	0.000	98.50	100.44	0.000
A71	50.0	2.38	0.103	0.378	0.001	95.32	98.19	0.000
A71	60.0	1.44	1.233	0.461	0.000	93.90	97.03	0.820
A71	70.0	0.00	0.449	0.004	0.000	95.88	96.34	0.043
A71	80.0	1.70	1.839	0.164	0.000	91.99	95.69	0.574
A72	1.5	3.32	0.041	0.160	0.001	101.70	101.70	0.000
A72	5.0	1.87	0.041	0.162	0.003	101.70	103.78	0.000
A72	10.0	7.51	0.074	0.228	0.005	94.88	102.69	0.109
A72	20.0	0.06	0.048	0.169	0.001	101.70	101.98	0.000
A72	30.0	0.88	0.472	0.155	0.001	98.51	100.02	0.391
A72	40.0	0.843	0.447	0.043	0.019	98.71	98.71	0.000
A72	50.0	0.34	0.583	0.171	0.000	96.97	98.06	0.116
A72	60.0	1.56	0.047	0.074	0.000	95.32	97.01	0.000
A72	70.0	0.77	0.031	0.029	0.000	95.32	96.15	0.082
A72	80.0	0.023	0.011	0.011	0.000	95.54	95.60	0.114
A73	1.5	7.00	0.059	0.139	0.040	102.12	102.12	0.000
A73	5.0	6.94	0.059	0.140	0.037	94.88	102.05	-0.474
A73	10.0	2.18	0.304	0.094	0.015	101.11	101.11	0.007
A73	20.0	1.46	0.294	0.092	0.008	98.51	100.36	0.007
A73	30.0	3.39	0.074	0.184	0.013	95.32	98.98	0.000
A73	40.0	0.05	0.005	0.127	0.006	98.10	98.10	0.000
A73	50.0	0.00	0.046	0.129	0.003	98.10	98.28	0.000
A73	60.0	1.56	0.264	0.041	0.000	97.75	95.88	0.524
A74	1.5	9.42	0.380	0.211	0.002	92.10	102.12	-1.364
A74	5.0	2.11	0.004	0.012	0.001	96.23	98.35	0.167
A74	10.0	1.94	0.005	0.012	0.001	98.18	98.18	0.000
A74	20.0	6.83	0.879	0.589	0.000	88.34	96.64	-0.316
A74	30.0	0.943	0.000	0.577	0.000	88.34	95.06	0.912
A74	40.0	0.28	0.210	0.108	0.001	93.10	93.70	1.123
A74	50.0	0.02	0.210	0.106	0.001	93.10	93.44	0.285
A74	60.0	1.72	0.000	0.527	0.001	90.54	92.93	0.374
A74	70.0	0.95	0.316	0.044	0.000	90.54	91.85	1.348
A74	80.0	0.54	0.220	0.019	0.000	90.54	91.32	0.665
A75	10.0	6.67	0.358	0.170	0.001	92.10	99.30	0.455
A75	20.0	0.88	0.095	0.080	0.000	96.23	97.13	0.658
A75	30.0	2.22	0.391	0.173	0.000	92.10	94.89	0.610
A75	40.0	0.00	0.155	0.104	0.001	93.10	93.36	0.155
A75	50.0	0.55	0.614	0.222	0.002	90.54	91.93	1.436
A75	60.0	0.22	0.000	0.095	0.001	90.54	91.21	0.852
A75	70.0	0.10	0.210	0.032	0.000	90.54	90.88	0.377
A76	1.5	0.00	0.004	0.004	0.000	90.25	90.25	0.000
A77	1.5	10.83	0.079	0.116	0.099	87.40	98.52	0.000
A77	5.0	2.54	0.004	0.007	0.000	96.23	98.79	-0.116
A77	10.0	2.97	0.000	0.007	0.005	96.23	99.22	-0.116
A77	20.0	9.55	0.076	0.121	0.043	87.40	97.19	0.000
A77	30.0	0.91	0.056	0.023	0.001	95.96	94.97	0.000
A77	40.0	0.79	0.051	0.022	0.000	94.97	95.82	-0.013
A77	50.0	4.48	0.283	0.042	0.002	89.03	93.84	0.000
A77	60.0	1.01	0.170	0.121	0.000	92.10	93.40	0.133
A77	70.0	0.79	0.148	0.121	0.000	92.10	93.16	0.148
A77	80.0	0.59	0.153	0.120	0.000	92.10	92.96	0.143
A77	90.0	0.41	0.181	0.115	0.000	92.10	92.81	0.125
A78	10.0	2.58	0.047	0.019	0.005	94.97	97.62	-0.078
A78	20.0	1.40	0.019	0.003	0.003	94.97	96.43	-0.078
A78	30.0	7.49	0.073	0.114	0.024	87.40	95.10	0.000
A78	40.0	1.68	0.242	0.120	0.001	94.14	92.10	0.099
A78	50.0	1.45	0.210					

Appendix 3.20 Detailed Prediction Result (Operation Phase, Shatin, without Proposed Noise Mitigation)

Shatin, Year 2034 (without proposed noise mitigation)

Annual NO2 Concentration (µg/m3)								
Receptor ID	Height (mAG)	Vehicular	Vent Bldg	ST Portal	T4	Background	Total	Difference (with Proposed Noise Mitigation - without Proposed Noise Mitigation)
A61	1.5	6.01	0.078	0.066	0.010	16.79	22.96	-0.032
A61	5.0	5.15	0.080	0.066	0.011	16.79	22.10	-0.032
A61	10.0	3.92	0.083	0.065	0.012	16.79	20.87	-0.032
A61	20.0	2.47	0.091	0.062	0.013	16.79	19.43	-0.032
A61	30.0	1.80	0.093	0.058	0.013	16.79	18.76	-0.032
A61	40.0	1.46	0.085	0.055	0.010	16.79	18.41	-0.032
A61	50.0	1.27	0.071	0.052	0.008	16.79	18.19	-0.032
A61	60.0	1.14	0.060	0.052	0.005	16.79	18.05	-0.032
A61	70.0	1.03	0.055	0.053	0.004	16.79	17.94	-0.032
A61	80.0	0.91	0.040	0.054	0.003	16.79	17.82	-0.032
A61	90.0	0.78	0.055	0.051	0.002	16.79	17.69	-0.032
A61	100.0	0.66	0.059	0.038	0.002	16.79	17.55	-0.032
A62	1.5	9.92	0.074	0.057	0.011	16.79	26.86	-0.035
A62	5.0	7.75	0.075	0.057	0.012	16.79	24.69	-0.035
A62	10.0	4.56	0.077	0.057	0.013	16.79	21.50	-0.035
A62	20.0	2.42	0.083	0.055	0.014	16.79	19.36	-0.035
A63	1.5	7.22	0.075	0.065	0.011	16.79	24.17	-0.039
A63	5.0	6.28	0.076	0.065	0.012	16.79	23.23	-0.039
A63	10.0	4.47	0.079	0.064	0.012	16.79	21.42	-0.039
A64	1.5	2.65	0.088	0.134	0.012	16.79	19.68	-0.044
A64	5.0	2.62	0.090	0.134	0.013	16.79	19.66	-0.046
A64	10.0	2.54	0.099	0.131	0.013	16.79	19.58	-0.046
A64	20.0	2.30	0.125	0.121	0.013	16.79	19.36	-0.046
A64	30.0	2.06	0.139	0.110	0.011	16.79	19.12	-0.046
A64	40.0	1.87	0.117	0.101	0.009	16.79	18.89	-0.046
A64	50.0	1.72	0.089	0.097	0.007	16.79	18.71	-0.046
A64	60.0	1.57	0.074	0.100	0.005	16.79	18.55	-0.044
A64	70.0	1.36	0.074	0.107	0.003	16.79	18.34	-0.039
A64	80.0	1.12	0.071	0.094	0.003	16.79	18.08	-0.031
A64	90.0	0.89	0.087	0.087	0.002	16.79	17.83	-0.021
A64	100.0	0.69	0.099	0.026	0.002	16.79	17.63	-0.011
A65	1.5	4.93	0.080	0.091	0.013	16.79	21.91	-0.081
A65	5.0	3.86	0.081	0.091	0.014	16.79	20.84	-0.081
A65	10.0	2.98	0.085	0.090	0.016	16.79	19.97	-0.081
A66	1.5	3.08	0.089	0.159	0.014	16.79	20.14	-0.077
A66	5.0	3.06	0.092	0.158	0.015	16.79	20.12	-0.077
A66	10.0	2.98	0.099	0.154	0.015	16.79	20.05	-0.077
A66	20.0	2.78	0.125	0.142	0.014	16.79	19.86	-0.077
A66	30.0	2.59	0.138	0.129	0.012	16.79	19.66	-0.077
A66	40.0	2.44	0.118	0.119	0.009	16.79	19.48	-0.077
A66	50.0	2.31	0.092	0.117	0.007	16.79	19.31	-0.077
A66	60.0	2.03	0.081	0.124	0.005	16.79	19.03	-0.070
A66	70.0	1.63	0.079	0.126	0.003	16.79	18.64	-0.054
A66	80.0	1.23	0.077	0.086	0.003	16.79	18.19	-0.033
A66	90.0	0.90	0.084	0.098	0.004	16.79	17.84	-0.014
A66	100.0	0.66	0.100	0.022	0.002	16.79	17.58	0.000
A67	1.5	3.28	0.089	0.133	0.015	16.79	20.31	-0.089
A67	5.0	3.23	0.091	0.132	0.015	16.79	20.26	-0.089
A67	10.0	3.09	0.098	0.130	0.015	16.79	20.12	-0.089
A67	20.0	2.79	0.118	0.118	0.014	16.79	19.84	-0.089
A67	30.0	2.57	0.128	0.112	0.012	16.79	19.62	-0.089
A68	1.5	5.12	0.130	0.199	0.014	16.79	22.26	0.063
A68	5.0	5.11	0.135	0.200	0.013	16.79	22.25	0.063
A68	10.0	5.07	0.149	0.200	0.013	16.79	22.22	0.064
A68	20.0	4.62	0.197	0.198	0.010	16.79	21.82	0.017
A68	30.0	3.22	0.227	0.197	0.008	16.79	20.45	0.162
A68	40.0	1.97	0.196	0.184	0.006	16.79	19.15	0.598
A68	50.0	1.29	0.160	0.125	0.005	16.79	18.37	0.325
A68	60.0	0.91	0.180	0.089	0.003	16.79	17.96	0.195
A68	70.0	0.67	0.164	0.043	0.003	16.79	17.48	0.134
A68	80.0	0.51	0.095	0.036	0.002	16.79	17.44	0.099
A69	10.0	5.51	0.145	0.158	0.013	16.79	22.62	0.529
A69	20.0	5.31	0.151	0.158	0.011	16.79	22.46	0.427
A70	1.5	6.01	0.098	0.097	0.017	16.79	23.02	-0.140
A70	5.0	4.64	0.100	0.098	0.017	16.79	21.65	-0.140
A70	10.0	3.80	0.105	0.097	0.016	16.79	20.45	-0.140
A70	20.0	3.24	0.119	0.096	0.013	16.79	20.26	-0.104
A70	30.0	2.69	0.126	0.095	0.010	16.79	19.71	0.083
A70	40.0	2.08	0.120	0.095	0.007	16.79	19.10	0.203
A70	50.0	1.52	0.109	0.091	0.005	16.79	18.52	0.286
A70	60.0	1.10	0.088	0.070	0.004	16.79	18.05	0.203
A70	70.0	0.80	0.092	0.044	0.003	16.79	17.51	0.166
A70	80.0	0.59	0.089	0.025	0.003	16.79	17.51	0.124
A71	1.5	5.27	0.101	0.101	0.018	16.79	22.29	-0.089
A71	5.0	5.19	0.113	0.101	0.017	16.79	22.22	-0.089
A71	10.0	5.00	0.119	0.101	0.016	16.79	22.03	-0.089
A71	20.0	4.57	0.136	0.100	0.013	16.79	21.61	-0.035
A71	30.0	3.73	0.144	0.099	0.010	16.79	20.78	0.293
A71	40.0	3.17	0.137	0.098	0.008	16.79	20.56	0.464
A71	50.0	2.63	0.124	0.095	0.005	16.79	19.64	0.403
A71	60.0	1.11	0.102	0.075	0.004	16.79	18.09	0.277
A71	70.0	0.80	0.109	0.049	0.003	16.79	17.75	0.185
A71	80.0	0.59	0.109	0.028	0.003	16.79	17.53	0.128
A72	1.5	7.04	0.103	0.078	0.019	16.79	24.04	-0.103
A72	5.0	6.09	0.104	0.078	0.019	16.79	23.08	-0.103
A72	10.0	5.19	0.108	0.078	0.017	16.79	22.19	-0.097
A72	20.0	4.33	0.118	0.078	0.014	16.79	21.04	0.176
A72	30.0	3.04	0.123	0.078	0.011	16.79	20.35	0.419
A72	40.0	2.15	0.120	0.077	0.008	16.79	19.55	0.424
A72	50.0	1.31	0.112	0.074	0.006	16.79	18.30	0.310
A72	60.0	0.93	0.091	0.060	0.004	16.79	17.88	0.213
A72	70.0	0.68	0.092	0.041	0.003	16.79	17.61	0.149
A72	80.0	0.51	0.090	0.024	0.003	16.79	17.42	0.106
A73	1.5	4.40	0.078	0.049	0.017	16.79	21.34	-0.140
A73	5.0	4.15	0.078	0.049	0.017	16.79	21.09	-0.140
A73	10.0	3.70	0.079	0.049	0.019	16.79	20.64	-0.140
A73	20.0	3.12	0.082	0.048	0.022	16.79	20.07	-0.140
A73	30.0	2.73	0.081	0.046	0.021	16.79	19.68	-0.140
A73	40.0	2.46	0.078	0.044	0.017	16.79	19.39	-0.131
A73	50.0	2.13	0.068	0.042	0.012	16.79	19.05	0.011
A73	60.0	1.73	0.060	0.042	0.008	16.79	18.64	0.181
A74	1.5	6.97	0.067	0.045	0.021	15.32	22.43	-0.228
A74	5.0	4.80	0.070	0.045	0.019	15.32	20.25	-0.220
A74	10.0	3.74	0.069	0.044	0.017	15.32	19.19	-0.125
A74	20.0	2.81	0.075	0.043	0.013	15.32	18.26	0.352
A74	30.0	1.86	0.076	0.041	0.008	15.32	17.31	0.610
A74	40.0	1.20	0.073	0.041	0.005	15.32	16.64	0.530
A74	50.0	0.81	0.070	0.041	0.004	15.32	16.25	0.359
A74	60.0	0.58	0.058	0.035	0.003	15.32	16.00	0.230
A74	70.0	0.42	0.055	0.026	0.003	15.32	15.83	0.150
A74	80.0	0.32	0.057	0.017	0.003	15.32	15.72	0.102
A75	10.0	5.64	0.066	0.039	0.019	15.32	21.08	-0.325
A75	20.0	3.63	0.070	0.037	0.014	15.32	19.09	0.846
A75	30.0	2.71	0.071	0.038	0.009	15.32	17.17	0.906
A75	40.0	1.09	0.069	0.036	0.006	15.32	16.52	0.486
A75	50.0	0.75	0.067	0.034	0.004	15.32	16.18	0.286
A75	60.0	0.55	0.055	0.030	0.003	15.32	15.96	0.185
A75	70.0	0.41	0.051	0.023	0.003	15.32	15.81	0.126
A76	1.5	3.21	0.055	0.030	0.021	15.32	18.44	-0.031
A77	1.5	4.08	0.050	0.028	0.031	15.32	19.51	-0.061
A77	5.0	4.26	0.050	0.028	0.031	15.32	19.70	-0.061
A77	10.0	4.01	0.050	0.028	0.033	15.32	19.85	-0.061
A77	20.0	2.40	0.051	0.027	0.029	15.32	17.83	-0.061
A77	30.0	1.86	0.050	0.025	0.020	15.32	17.28	-0.051
A77	40.0	1.52	0.047	0.023	0.013	15.32	16.93	0.005
A77	50.0	1.22	0.042	0.022	0.008	15.32	16.61	0.060
A77	60.0	0.94	0.034	0.021	0.005	15.32	16.33	0.086
A77	70.0	0.71	0.027	0.021	0.004	15.32	16.09	0.088
A77	80.0	0.53	0.025	0.022	0.004	15.32	15.92	0.080
A77	90.0	0.40	0.023	0.023	0.004	15.32	15.78	0.069
A78	10.0	3.79	0.048	0.026	0.036	15.32	19.22	-0.057
A78	20.0	2.30	0.048	0.025	0.031	15.32	17.73	-0.057
A78	30.0	1.81	0.048	0.023	0.022	15.32	17.23	-0.053
A78	40.0	1.48	0.044	0.021	0.014	15.32	16.89	-0.040
A78	50.0	1.19	0.040	0.020	0.008	15.32	16.59	0