

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation, Year 2041)

**Predicted 10th Highest Cumulative Daily RSP Concentration (µg/m<sup>3</sup>)**

Receptor ID	Height (mAG)	Project Contribution	Vehicular Contribution	Background Contribution	Cumulative Concentration
YAE01	1.5	0.01	0.00	69.08	69.09
YAE01	5	0.01	0.00	69.08	69.09
YAE02	1.5	0.01	0.00	69.14	69.15
YAE02	5	0.01	0.00	69.14	69.15
YAE02	10	0.01	0.00	69.14	69.15
YAE03	1.5	0.01	0.00	69.14	69.15
YAE03	5	0.01	0.00	69.14	69.15
YAE03	10	0.01	0.00	69.14	69.15
YAE04	1.5	0.01	0.00	69.14	69.15
YAE04	5	0.01	0.00	69.14	69.15
YAE04	10	0.01	0.00	69.14	69.15
YAE05	1.5	0.01	0.00	71.33	71.35
YAE05	5	0.01	0.00	71.33	71.34
YAE05	10	0.01	0.00	71.33	71.34
YAP01	1.5	0.14	0.01	69.14	69.30
YAP01	5	0.16	0.01	69.14	69.31
YAP01	10	0.22	0.01	69.14	69.37
YAP01	15	0.32	0.01	69.14	69.46
YAP01	20	0.46	0.00	69.14	69.60
YAP01	25	0.61	0.00	69.14	69.75
YAP01	30	0.71	0.00	69.14	69.86
YAP01	35	0.71	0.00	69.14	69.86
YAP01	40	0.62	0.00	69.14	69.76
YAP01	45	0.49	0.00	69.14	69.63
YAP01	50	0.37	0.00	69.14	69.51
YAP02	1.5	0.04	0.05	69.14	69.23
YAP02	5	0.05	0.03	69.14	69.22
YAP02	10	0.06	0.01	69.14	69.22
YAP02	15	0.09	0.01	69.14	69.24
YAP02	20	0.14	0.00	69.14	69.29
YAP02	25	0.20	0.00	69.14	69.35
YAP02	30	0.24	0.00	69.14	69.39
YAP02	35	0.23	0.00	69.14	69.37
YAP02	40	0.17	0.00	69.14	69.31
YAP02	45	0.11	0.00	69.14	69.25
YAP02	50	0.07	0.00	69.14	69.21
YAP02	55	0.05	0.00	69.14	69.19
YAP02	60	0.04	0.00	69.14	69.18
YAP02	65	0.03	0.00	69.14	69.17
YAP02	70	0.02	0.00	69.14	69.16
YAP03	1.5	0.02	0.03	69.14	69.19
YAP03	5	0.02	0.02	69.14	69.18
YAP03	10	0.02	0.01	69.14	69.17
YAP03	15	0.03	0.01	69.14	69.18
YAP03	20	0.04	0.00	69.14	69.19
YAP03	25	0.06	0.00	69.14	69.20
YAP03	30	0.06	0.00	69.14	69.21
YAP03	35	0.05	0.00	69.14	69.20
YAP03	40	0.04	0.00	69.14	69.18
YAP03	45	0.02	0.00	69.14	69.17
YAP03	50	0.02	0.00	69.14	69.16
YAP03	55	0.01	0.00	69.14	69.15
YAP03	60	0.01	0.00	69.14	69.15
YAP03	65	0.01	0.00	69.14	69.15
YAP03	70	0.01	0.00	69.14	69.15
YAP03	75	0.01	0.00	69.14	69.15
YAP04	1.5	0.01	0.04	69.14	69.19
YAP04	5	0.01	0.02	69.14	69.18
YAP04	10	0.01	0.01	69.14	69.16
YAP04	15	0.01	0.01	69.14	69.16
YAP04	20	0.02	0.00	69.14	69.16
YAP04	25	0.02	0.00	69.14	69.16
YAP04	30	0.02	0.00	69.14	69.16
YAP04	35	0.02	0.00	69.14	69.16
YAP04	40	0.01	0.00	69.14	69.15
YAP04	45	0.01	0.00	69.14	69.15
YAP04	50	0.01	0.00	69.14	69.15
YAP04	55	0.01	0.00	69.14	69.15
YAP04	60	0.01	0.00	69.14	69.15
YAP04	65	0.01	0.00	69.14	69.15
YAP04	70	0.01	0.00	69.14	69.15
YAP04	75	0.01	0.00	69.14	69.15
YAP05	1.5	0.01	0.03	69.14	69.18
YAP05	5	0.01	0.02	69.14	69.17
YAP05	10	0.01	0.01	69.14	69.17
YAP05	15	0.01	0.01	69.14	69.16
YAP05	20	0.01	0.00	69.14	69.16

**Predicted 10th Highest Cumulative Daily RSP Concentration (µg/m<sup>3</sup>)**

Receptor ID	Height (mAG)	Project Contribution	Vehicular Contribution	Background Contribution	Cumulative Concentration
YAP05	25	0.02	0.00	69.14	69.16
YAP05	30	0.01	0.00	69.14	69.16
YAP05	35	0.01	0.00	69.14	69.15
YAP05	40	0.01	0.00	69.14	69.15
YAP05	45	0.01	0.00	69.14	69.15
YAP05	50	0.01	0.00	69.14	69.15
YAP05	55	0.00	0.00	69.14	69.15
YAP05	60	0.00	0.00	69.14	69.15
YAP05	65	0.00	0.00	69.14	69.15
YAP05	70	0.00	0.00	69.14	69.14
YAP05	75	0.00	0.00	69.14	69.14
YAP05	80	0.00	0.00	69.14	69.14
YAP05	85	0.00	0.00	69.14	69.14
YAP05	90	0.00	0.00	69.14	69.14
YAP06	1.5	0.01	0.02	69.14	69.16
YAP06	5	0.01	0.01	69.14	69.16
YAP06	10	0.01	0.01	69.14	69.15
YAP06	15	0.01	0.00	69.14	69.15
YAP06	20	0.01	0.00	69.14	69.15
YAP06	25	0.01	0.00	69.14	69.15
YAP06	30	0.01	0.00	69.14	69.15
YAP06	35	0.01	0.00	69.14	69.15
YAP06	40	0.00	0.00	69.14	69.15
YAP06	45	0.00	0.00	69.14	69.15
YAP06	50	0.00	0.00	69.14	69.15
YAP06	55	0.00	0.00	69.14	69.15
YAP06	60	0.00	0.00	69.14	69.15
YAP06	65	0.00	0.00	69.14	69.14
YAP07	1.5	0.01	0.02	69.14	69.17
YAP07	5	0.01	0.02	69.14	69.16
YAP07	10	0.01	0.01	69.14	69.16
YAP07	15	0.01	0.00	69.14	69.15
YAP07	20	0.01	0.00	69.14	69.15
YAP07	25	0.01	0.00	69.14	69.15
YAP07	30	0.01	0.00	69.14	69.15
YAP07	35	0.01	0.00	69.14	69.15
YAP07	40	0.01	0.00	69.14	69.15
YAP08	1.5	0.01	0.02	69.14	69.17
YAP08	5	0.01	0.01	69.14	69.16
YAP08	10	0.01	0.01	69.14	69.16
YAP08	15	0.01	0.00	69.14	69.15
YAP08	20	0.01	0.00	69.14	69.15
YAP08	25	0.01	0.00	69.14	69.15
YAP08	30	0.01	0.00	69.14	69.15
YAP08	35	0.01	0.00	69.14	69.15
YAP08	40	0.01	0.00	69.14	69.15
YAP09	1.5	0.01	0.00	69.14	69.15
YAP09	5	0.01	0.00	69.14	69.15
YAP09	10	0.01	0.00	69.14	69.15
YAP09	15	0.01	0.00	69.14	69.15
YAP09	20	0.01	0.00	69.14	69.15
YAP09	25	0.01	0.00	69.14	69.15
YAP09	30	0.01	0.00	69.14	69.15
YAP09	35	0.01	0.00	69.14	69.15
YAP09	40	0.01	0.00	69.14	69.15
YAP09	45	0.01	0.00	69.14	69.15
YAP10	1.5	0.01	0.00	69.14	69.16
YAP10	5	0.01	0.00	69.14	69.15
YAP10	10	0.01	0.00	69.14	69.15
YAP10	15	0.01	0.00	69.14	69.15
YAP10	20	0.01	0.00	69.14	69.15
YAP10	25	0.01	0.00	69.14	69.15
YAP10	30	0.01	0.00	69.14	69.15
YAP10	35	0.01	0.00	69.14	69.15
YAP10	40	0.01	0.00	69.14	69.15
YAP11	1.5	0.01	0.00	69.14	69.16
YAP11	5	0.01	0.00	69.14	69.16
YAP11	10	0.01	0.00	69.14	69.16
YAP11	15	0.01	0.00	69.14	69.16
YAP11	20	0.01	0.00	69.14	69.16

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation, Year 2041)

**Predicted Cumulative Annual RSP Concentration (µg/m<sup>3</sup>)**

Receptor ID	Height (mAG)	Project Contribution	Vehicular Contribution	Background Contribution	Cumulative Concentration
YAE01	1.5	0.01	<0.01	28.07	28.08
YAE01	5	0.01	<0.01	28.07	28.08
YAE02	1.5	0.02	<0.01	27.24	27.26
YAE02	5	0.02	<0.01	27.24	27.26
YAE02	10	0.02	<0.01	27.24	27.26
YAE03	1.5	0.02	<0.01	27.24	27.26
YAE03	5	0.02	<0.01	27.24	27.26
YAE03	10	0.02	<0.01	27.24	27.26
YAE04	1.5	0.02	<0.01	27.24	27.26
YAE04	5	0.02	<0.01	27.24	27.26
YAE04	10	0.02	<0.01	27.24	27.26
YAE05	1.5	0.02	<0.01	28.78	28.80
YAE05	5	0.02	<0.01	28.78	28.80
YAE05	10	0.01	<0.01	28.78	28.80
YAP01	1.5	0.10	<0.01	27.24	27.35
YAP01	5	0.10	<0.01	27.24	27.35
YAP01	10	0.11	<0.01	27.24	27.36
YAP01	15	0.14	<0.01	27.24	27.39
YAP01	20	0.18	<0.01	27.24	27.43
YAP01	25	0.22	<0.01	27.24	27.46
YAP01	30	0.23	<0.01	27.24	27.47
YAP01	35	0.20	<0.01	27.24	27.45
YAP01	40	0.15	<0.01	27.24	27.40
YAP01	45	0.10	<0.01	27.24	27.34
YAP01	50	0.06	<0.01	27.24	27.31
YAP02	1.5	0.06	0.03	27.24	27.33
YAP02	5	0.06	0.02	27.24	27.32
YAP02	10	0.07	<0.01	27.24	27.32
YAP02	15	0.09	<0.01	27.24	27.34
YAP02	20	0.12	<0.01	27.24	27.36
YAP02	25	0.14	<0.01	27.24	27.39
YAP02	30	0.15	<0.01	27.24	27.39
YAP02	35	0.14	<0.01	27.24	27.38
YAP02	40	0.10	<0.01	27.24	27.35
YAP02	45	0.07	<0.01	27.24	27.31
YAP02	50	0.05	<0.01	27.24	27.29
YAP02	55	0.03	<0.01	27.24	27.27
YAP02	60	0.02	<0.01	27.24	27.27
YAP02	65	0.02	<0.01	27.24	27.26
YAP02	70	0.02	<0.01	27.24	27.26
YAP03	1.5	0.04	0.02	27.24	27.31
YAP03	5	0.04	0.02	27.24	27.30
YAP03	10	0.05	<0.01	27.24	27.30
YAP03	15	0.07	<0.01	27.24	27.31
YAP03	20	0.09	<0.01	27.24	27.33
YAP03	25	0.11	<0.01	27.24	27.35
YAP03	30	0.12	<0.01	27.24	27.36
YAP03	35	0.10	<0.01	27.24	27.35
YAP03	40	0.08	<0.01	27.24	27.32
YAP03	45	0.06	<0.01	27.24	27.30
YAP03	50	0.04	<0.01	27.24	27.28
YAP03	55	0.03	<0.01	27.24	27.27
YAP03	60	0.02	<0.01	27.24	27.26
YAP03	65	0.02	<0.01	27.24	27.26
YAP03	70	0.01	<0.01	27.24	27.26
YAP03	75	0.01	<0.01	27.24	27.25
YAP04	1.5	0.04	0.02	27.24	27.30
YAP04	5	0.04	0.02	27.24	27.30
YAP04	10	0.04	<0.01	27.24	27.29
YAP04	15	0.05	<0.01	27.24	27.30
YAP04	20	0.07	<0.01	27.24	27.32
YAP04	25	0.09	<0.01	27.24	27.33
YAP04	30	0.10	<0.01	27.24	27.34
YAP04	35	0.09	<0.01	27.24	27.33
YAP04	40	0.07	<0.01	27.24	27.31
YAP04	45	0.05	<0.01	27.24	27.29
YAP04	50	0.04	<0.01	27.24	27.28
YAP04	55	0.03	<0.01	27.24	27.27
YAP04	60	0.02	<0.01	27.24	27.26
YAP04	65	0.02	<0.01	27.24	27.26
YAP04	70	0.01	<0.01	27.24	27.26
YAP04	75	0.01	<0.01	27.24	27.25
YAP05	1.5	0.03	0.01	27.24	27.29
YAP05	5	0.03	0.01	27.24	27.29
YAP05	10	0.04	<0.01	27.24	27.29
YAP05	15	0.04	<0.01	27.24	27.29
YAP05	20	0.05	<0.01	27.24	27.30

**Predicted Cumulative Annual RSP Concentration (µg/m<sup>3</sup>)**

Receptor ID	Height (mAG)	Project Contribution	Vehicular Contribution	Background Contribution	Cumulative Concentration
YAP05	25	0.06	<0.01	27.24	27.30
YAP05	30	0.06	<0.01	27.24	27.31
YAP05	35	0.06	<0.01	27.24	27.30
YAP05	40	0.05	<0.01	27.24	27.29
YAP05	45	0.04	<0.01	27.24	27.28
YAP05	50	0.03	<0.01	27.24	27.27
YAP05	55	0.02	<0.01	27.24	27.26
YAP05	60	0.02	<0.01	27.24	27.26
YAP05	65	0.01	<0.01	27.24	27.25
YAP05	70	<0.01	<0.01	27.24	27.25
YAP05	75	<0.01	<0.01	27.24	27.25
YAP05	80	<0.01	<0.01	27.24	27.25
YAP05	85	<0.01	<0.01	27.24	27.25
YAP05	90	<0.01	<0.01	27.24	27.25
YAP06	1.5	0.02	<0.01	27.24	27.27
YAP06	5	0.02	<0.01	27.24	27.27
YAP06	10	0.02	<0.01	27.24	27.27
YAP06	15	0.03	<0.01	27.24	27.27
YAP06	20	0.03	<0.01	27.24	27.28
YAP06	25	0.04	<0.01	27.24	27.28
YAP06	30	0.04	<0.01	27.24	27.28
YAP06	35	0.04	<0.01	27.24	27.28
YAP06	40	0.03	<0.01	27.24	27.28
YAP06	45	0.03	<0.01	27.24	27.27
YAP06	50	0.02	<0.01	27.24	27.26
YAP06	55	0.02	<0.01	27.24	27.26
YAP06	60	0.01	<0.01	27.24	27.26
YAP06	65	0.01	<0.01	27.24	27.25
YAP07	1.5	0.02	0.01	27.24	27.28
YAP07	5	0.02	<0.01	27.24	27.27
YAP07	10	0.02	<0.01	27.24	27.27
YAP07	15	0.03	<0.01	27.24	27.28
YAP07	20	0.04	<0.01	27.24	27.28
YAP07	25	0.04	<0.01	27.24	27.29
YAP07	30	0.05	<0.01	27.24	27.29
YAP07	35	0.05	<0.01	27.24	27.29
YAP07	40	0.04	<0.01	27.24	27.28
YAP08	1.5	0.02	0.01	27.24	27.28
YAP08	5	0.02	0.01	27.24	27.28
YAP08	10	0.03	<0.01	27.24	27.27
YAP08	15	0.03	<0.01	27.24	27.28
YAP08	20	0.04	<0.01	27.24	27.29
YAP08	25	0.05	<0.01	27.24	27.30
YAP08	30	0.06	<0.01	27.24	27.30
YAP08	35	0.05	<0.01	27.24	27.30
YAP08	40	0.05	<0.01	27.24	27.29
YAP09	1.5	0.02	<0.01	27.24	27.26
YAP09	5	0.02	<0.01	27.24	27.26
YAP09	10	0.02	<0.01	27.24	27.26
YAP09	15	0.02	<0.01	27.24	27.27
YAP09	20	0.03	<0.01	27.24	27.27
YAP09	25	0.04	<0.01	27.24	27.28
YAP09	30	0.04	<0.01	27.24	27.28
YAP09	35	0.04	<0.01	27.24	27.28
YAP09	40	0.03	<0.01	27.24	27.28
YAP09	45	0.03	<0.01	27.24	27.27
YAP10	1.5	0.02	<0.01	27.24	27.27
YAP10	5	0.02	<0.01	27.24	27.27
YAP10	10	0.02	<0.01	27.24	27.27
YAP10	15	0.03	<0.01	27.24	27.27
YAP10	20	0.04	<0.01	27.24	27.28
YAP10	25	0.04	<0.01	27.24	27.29
YAP10	30	0.05	<0.01	27.24	27.29
YAP10	35	0.05	<0.01	27.24	27.29
YAP10	40	0.04	<0.01	27.24	27.28
YAP11	1.5	0.02	<0.01	27.24	27.27
YAP11	5	0.02	<0.01	27.24	27.27
YAP11	10	0.02	<0.01	27.24	27.27
YAP11	15	0.03	<0.01	27.24	27.27
YAP11	20	0.04	<0.01	27.24	27.28

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation, Year 2041)

Predicted 19th Highest Cumulative Daily FSP Concentration (µg/m<sup>3</sup>)

Receptor ID	Height (mAG)	Project Contribution	Vehicular Contribution	Background Contribution	Cumulative Concentration
YAE01	1.5	<0.01	<0.01	38.65	38.65
YAE01	5	<0.01	<0.01	38.65	38.65
YAE02	1.5	0.01	<0.01	38.19	38.20
YAE02	5	<0.01	<0.01	38.19	38.20
YAE02	10	<0.01	<0.01	38.19	38.20
YAE03	1.5	0.01	<0.01	38.19	38.20
YAE03	5	<0.01	<0.01	38.19	38.20
YAE03	10	<0.01	<0.01	38.19	38.20
YAE04	1.5	<0.01	<0.01	38.19	38.20
YAE04	5	<0.01	<0.01	38.19	38.20
YAE04	10	<0.01	<0.01	38.19	38.20
YAE05	1.5	0.02	<0.01	42.40	42.42
YAE05	5	0.02	<0.01	42.40	42.42
YAE05	10	0.01	<0.01	42.40	42.42
YAP01	1.5	0.04	0.01	38.19	38.24
YAP01	5	0.03	<0.01	38.19	38.24
YAP01	10	0.04	<0.01	38.19	38.24
YAP01	15	0.04	<0.01	38.19	38.24
YAP01	20	0.05	<0.01	38.19	38.25
YAP01	25	0.06	<0.01	38.19	38.25
YAP01	30	0.06	<0.01	38.19	38.25
YAP01	35	0.05	<0.01	38.19	38.24
YAP01	40	0.03	<0.01	38.19	38.22
YAP01	45	0.02	<0.01	38.19	38.21
YAP01	50	<0.01	<0.01	38.19	38.20
YAP02	1.5	0.03	0.03	38.19	38.25
YAP02	5	0.03	0.02	38.19	38.24
YAP02	10	0.04	0.01	38.19	38.24
YAP02	15	0.05	<0.01	38.19	38.25
YAP02	20	0.07	<0.01	38.19	38.27
YAP02	25	0.10	<0.01	38.19	38.29
YAP02	30	0.12	<0.01	38.19	38.31
YAP02	35	0.13	<0.01	38.19	38.32
YAP02	40	0.12	<0.01	38.19	38.31
YAP02	45	0.09	<0.01	38.19	38.28
YAP02	50	0.05	<0.01	38.19	38.25
YAP02	55	0.03	<0.01	38.19	38.22
YAP02	60	0.01	<0.01	38.19	38.20
YAP02	65	<0.01	<0.01	38.19	38.20
YAP02	70	<0.01	<0.01	38.19	38.19
YAP03	1.5	0.03	0.03	38.19	38.24
YAP03	5	0.03	0.02	38.19	38.24
YAP03	10	0.04	<0.01	38.19	38.24
YAP03	15	0.06	<0.01	38.19	38.25
YAP03	20	0.09	<0.01	38.19	38.28
YAP03	25	0.12	<0.01	38.19	38.32
YAP03	30	0.15	<0.01	38.19	38.34
YAP03	35	0.16	<0.01	38.19	38.35
YAP03	40	0.15	<0.01	38.19	38.34
YAP03	45	0.11	<0.01	38.19	38.30
YAP03	50	0.07	<0.01	38.19	38.26
YAP03	55	0.03	<0.01	38.19	38.23
YAP03	60	0.01	<0.01	38.19	38.21
YAP03	65	<0.01	<0.01	38.19	38.20
YAP03	70	<0.01	<0.01	38.19	38.19
YAP03	75	<0.01	<0.01	38.19	38.19
YAP04	1.5	0.02	0.03	38.19	38.24
YAP04	5	0.02	0.02	38.19	38.23
YAP04	10	0.03	<0.01	38.19	38.23
YAP04	15	0.04	<0.01	38.19	38.23
YAP04	20	0.06	<0.01	38.19	38.25
YAP04	25	0.08	<0.01	38.19	38.27
YAP04	30	0.09	<0.01	38.19	38.29
YAP04	35	0.10	<0.01	38.19	38.29
YAP04	40	0.08	<0.01	38.19	38.28
YAP04	45	0.06	<0.01	38.19	38.25
YAP04	50	0.04	<0.01	38.19	38.23
YAP04	55	0.02	<0.01	38.19	38.21
YAP04	60	<0.01	<0.01	38.19	38.20
YAP04	65	<0.01	<0.01	38.19	38.19
YAP04	70	<0.01	<0.01	38.19	38.19
YAP04	75	<0.01	<0.01	38.19	38.19
YAP05	1.5	0.03	0.02	38.19	38.23
YAP05	5	0.03	0.01	38.19	38.23
YAP05	10	0.03	<0.01	38.19	38.23
YAP05	15	0.04	<0.01	38.19	38.24
YAP05	20	0.05	<0.01	38.19	38.25

Predicted 19th Highest Cumulative Daily FSP Concentration (µg/m<sup>3</sup>)

Receptor ID	Height (mAG)	Project Contribution	Vehicular Contribution	Background Contribution	Cumulative Concentration
YAP05	25	0.06	<0.01	38.19	38.26
YAP05	30	0.07	<0.01	38.19	38.27
YAP05	35	0.08	<0.01	38.19	38.27
YAP05	40	0.07	<0.01	38.19	38.26
YAP05	45	0.06	<0.01	38.19	38.25
YAP05	50	0.04	<0.01	38.19	38.23
YAP05	55	0.02	<0.01	38.19	38.21
YAP05	60	0.01	<0.01	38.19	38.20
YAP05	65	<0.01	<0.01	38.19	38.20
YAP05	70	<0.01	<0.01	38.19	38.19
YAP05	75	<0.01	<0.01	38.19	38.19
YAP05	80	<0.01	<0.01	38.19	38.19
YAP05	85	<0.01	<0.01	38.19	38.19
YAP05	90	<0.01	<0.01	38.19	38.19
YAP06	1.5	<0.01	0.01	38.19	38.21
YAP06	5	<0.01	<0.01	38.19	38.20
YAP06	10	<0.01	<0.01	38.19	38.20
YAP06	15	<0.01	<0.01	38.19	38.20
YAP06	20	<0.01	<0.01	38.19	38.20
YAP06	25	<0.01	<0.01	38.19	38.19
YAP06	30	<0.01	<0.01	38.19	38.19
YAP06	35	<0.01	<0.01	38.19	38.19
YAP06	40	<0.01	<0.01	38.19	38.19
YAP06	45	<0.01	<0.01	38.19	38.19
YAP06	50	<0.01	<0.01	38.19	38.19
YAP06	55	<0.01	<0.01	38.19	38.19
YAP06	60	<0.01	<0.01	38.19	38.19
YAP06	65	<0.01	<0.01	38.19	38.19
YAP07	1.5	<0.01	0.01	38.19	38.21
YAP07	5	<0.01	<0.01	38.19	38.21
YAP07	10	<0.01	<0.01	38.19	38.20
YAP07	15	<0.01	<0.01	38.19	38.20
YAP07	20	<0.01	<0.01	38.19	38.20
YAP07	25	<0.01	<0.01	38.19	38.20
YAP07	30	<0.01	<0.01	38.19	38.20
YAP07	35	<0.01	<0.01	38.19	38.19
YAP07	40	<0.01	<0.01	38.19	38.19
YAP08	1.5	<0.01	0.02	38.19	38.22
YAP08	5	<0.01	0.01	38.19	38.21
YAP08	10	<0.01	<0.01	38.19	38.20
YAP08	15	<0.01	<0.01	38.19	38.20
YAP08	20	<0.01	<0.01	38.19	38.20
YAP08	25	<0.01	<0.01	38.19	38.20
YAP08	30	<0.01	<0.01	38.19	38.20
YAP08	35	<0.01	<0.01	38.19	38.20
YAP08	40	<0.01	<0.01	38.19	38.20
YAP09	1.5	<0.01	<0.01	38.19	38.20
YAP09	5	<0.01	<0.01	38.19	38.20
YAP09	10	<0.01	<0.01	38.19	38.20
YAP09	15	<0.01	<0.01	38.19	38.20
YAP09	20	<0.01	<0.01	38.19	38.19
YAP09	25	<0.01	<0.01	38.19	38.19
YAP09	30	<0.01	<0.01	38.19	38.19
YAP09	35	<0.01	<0.01	38.19	38.19
YAP09	40	<0.01	<0.01	38.19	38.19
YAP09	45	<0.01	<0.01	38.19	38.19
YAP10	1.5	<0.01	<0.01	38.19	38.20
YAP10	5	<0.01	<0.01	38.19	38.20
YAP10	10	<0.01	<0.01	38.19	38.20
YAP10	15	<0.01	<0.01	38.19	38.20
YAP10	20	<0.01	<0.01	38.19	38.20
YAP10	25	<0.01	<0.01	38.19	38.20
YAP10	30	<0.01	<0.01	38.19	38.20
YAP10	35	<0.01	<0.01	38.19	38.20
YAP10	40	<0.01	<0.01	38.19	38.20
YAP11	1.5	0.01	<0.01	38.19	38.20
YAP11	5	<0.01	<0.01	38.19	38.20
YAP11	10	<0.01	<0.01	38.19	38.20
YAP11	15	<0.01	<0.01	38.19	38.20
YAP11	20	<0.01	<0.01	38.19	38.20

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation, Year 2041)

Predicted Cumulative Annual FSP Concentration (µg/m<sup>3</sup>)

Receptor ID	Height (mAG)	Project Contribution	Vehicular Contribution	Background Contribution	Cumulative Concentration
YAE01	1.5	0.01	<0.01	15.96	15.97
YAE01	5	0.01	<0.01	15.96	15.97
YAE02	1.5	0.02	<0.01	15.54	15.56
YAE02	5	0.02	<0.01	15.54	15.56
YAE02	10	0.02	<0.01	15.54	15.56
YAE03	1.5	0.02	<0.01	15.54	15.56
YAE03	5	0.02	<0.01	15.54	15.56
YAE03	10	0.02	<0.01	15.54	15.56
YAE04	1.5	0.02	<0.01	15.54	15.56
YAE04	5	0.02	<0.01	15.54	15.56
YAE04	10	0.02	<0.01	15.54	15.56
YAE05	1.5	0.02	<0.01	16.82	16.84
YAE05	5	0.02	<0.01	16.82	16.84
YAE05	10	0.01	<0.01	16.82	16.83
YAP01	1.5	0.10	<0.01	15.54	15.65
YAP01	5	0.10	<0.01	15.54	15.65
YAP01	10	0.11	<0.01	15.54	15.66
YAP01	15	0.14	<0.01	15.54	15.69
YAP01	20	0.18	<0.01	15.54	15.73
YAP01	25	0.22	<0.01	15.54	15.76
YAP01	30	0.23	<0.01	15.54	15.77
YAP01	35	0.20	<0.01	15.54	15.75
YAP01	40	0.15	<0.01	15.54	15.70
YAP01	45	0.10	<0.01	15.54	15.65
YAP01	50	0.06	<0.01	15.54	15.61
YAP02	1.5	0.06	0.03	15.54	15.63
YAP02	5	0.06	0.02	15.54	15.62
YAP02	10	0.07	<0.01	15.54	15.62
YAP02	15	0.09	<0.01	15.54	15.64
YAP02	20	0.12	<0.01	15.54	15.66
YAP02	25	0.14	<0.01	15.54	15.69
YAP02	30	0.15	<0.01	15.54	15.70
YAP02	35	0.14	<0.01	15.54	15.68
YAP02	40	0.10	<0.01	15.54	15.65
YAP02	45	0.07	<0.01	15.54	15.61
YAP02	50	0.05	<0.01	15.54	15.59
YAP02	55	0.03	<0.01	15.54	15.58
YAP02	60	0.02	<0.01	15.54	15.57
YAP02	65	0.02	<0.01	15.54	15.56
YAP02	70	0.02	<0.01	15.54	15.56
YAP03	1.5	0.04	0.02	15.54	15.61
YAP03	5	0.04	0.01	15.54	15.60
YAP03	10	0.05	<0.01	15.54	15.60
YAP03	15	0.07	<0.01	15.54	15.61
YAP03	20	0.09	<0.01	15.54	15.63
YAP03	25	0.11	<0.01	15.54	15.65
YAP03	30	0.12	<0.01	15.54	15.66
YAP03	35	0.10	<0.01	15.54	15.65
YAP03	40	0.08	<0.01	15.54	15.63
YAP03	45	0.06	<0.01	15.54	15.60
YAP03	50	0.04	<0.01	15.54	15.58
YAP03	55	0.03	<0.01	15.54	15.57
YAP03	60	0.02	<0.01	15.54	15.57
YAP03	65	0.02	<0.01	15.54	15.56
YAP03	70	0.01	<0.01	15.54	15.56
YAP03	75	0.01	<0.01	15.54	15.56
YAP04	1.5	0.04	0.02	15.54	15.60
YAP04	5	0.04	0.02	15.54	15.60
YAP04	10	0.04	<0.01	15.54	15.59
YAP04	15	0.05	<0.01	15.54	15.60
YAP04	20	0.07	<0.01	15.54	15.62
YAP04	25	0.09	<0.01	15.54	15.63
YAP04	30	0.10	<0.01	15.54	15.64
YAP04	35	0.09	<0.01	15.54	15.63
YAP04	40	0.07	<0.01	15.54	15.61
YAP04	45	0.05	<0.01	15.54	15.59
YAP04	50	0.04	<0.01	15.54	15.58
YAP04	55	0.03	<0.01	15.54	15.57
YAP04	60	0.02	<0.01	15.54	15.56
YAP04	65	0.02	<0.01	15.54	15.56
YAP04	70	0.01	<0.01	15.54	15.56
YAP04	75	0.01	<0.01	15.54	15.55
YAP05	1.5	0.03	0.01	15.54	15.59
YAP05	5	0.03	0.01	15.54	15.59
YAP05	10	0.04	<0.01	15.54	15.59
YAP05	15	0.04	<0.01	15.54	15.59
YAP05	20	0.05	<0.01	15.54	15.60
YAP05	25	0.06	<0.01	15.54	15.61

Predicted Cumulative Annual FSP Concentration (µg/m<sup>3</sup>)

Receptor ID	Height (mAG)	Project Contribution	Vehicular Contribution	Background Contribution	Cumulative Concentration
YAP05	30	0.06	<0.01	15.54	15.61
YAP05	35	0.06	<0.01	15.54	15.61
YAP05	40	0.05	<0.01	15.54	15.59
YAP05	45	0.04	<0.01	15.54	15.58
YAP05	50	0.03	<0.01	15.54	15.57
YAP05	55	0.02	<0.01	15.54	15.56
YAP05	60	0.02	<0.01	15.54	15.56
YAP05	65	0.01	<0.01	15.54	15.56
YAP05	70	<0.01	<0.01	15.54	15.55
YAP05	75	<0.01	<0.01	15.54	15.55
YAP05	80	<0.01	<0.01	15.54	15.55
YAP05	85	<0.01	<0.01	15.54	15.55
YAP05	90	<0.01	<0.01	15.54	15.55
YAP06	1.5	0.02	<0.01	15.54	15.57
YAP06	5	0.02	<0.01	15.54	15.57
YAP06	10	0.02	<0.01	15.54	15.57
YAP06	15	0.03	<0.01	15.54	15.57
YAP06	20	0.03	<0.01	15.54	15.58
YAP06	25	0.04	<0.01	15.54	15.58
YAP06	30	0.04	<0.01	15.54	15.58
YAP06	35	0.04	<0.01	15.54	15.58
YAP06	40	0.03	<0.01	15.54	15.58
YAP06	45	0.03	<0.01	15.54	15.57
YAP06	50	0.02	<0.01	15.54	15.57
YAP06	55	0.02	<0.01	15.54	15.56
YAP06	60	0.01	<0.01	15.54	15.56
YAP06	65	0.01	<0.01	15.54	15.56
YAP07	1.5	0.02	0.01	15.54	15.58
YAP07	5	0.02	<0.01	15.54	15.58
YAP07	10	0.02	<0.01	15.54	15.57
YAP07	15	0.03	<0.01	15.54	15.58
YAP07	20	0.04	<0.01	15.54	15.58
YAP07	25	0.04	<0.01	15.54	15.59
YAP07	30	0.05	<0.01	15.54	15.59
YAP07	35	0.05	<0.01	15.54	15.59
YAP07	40	0.04	<0.01	15.54	15.58
YAP08	1.5	0.02	0.01	15.54	15.58
YAP08	5	0.02	<0.01	15.54	15.58
YAP08	10	0.03	<0.01	15.54	15.58
YAP08	15	0.03	<0.01	15.54	15.58
YAP08	20	0.04	<0.01	15.54	15.59
YAP08	25	0.05	<0.01	15.54	15.60
YAP08	30	0.06	<0.01	15.54	15.60
YAP08	35	0.05	<0.01	15.54	15.60
YAP08	40	0.05	<0.01	15.54	15.59
YAP09	1.5	0.02	<0.01	15.54	15.57
YAP09	5	0.02	<0.01	15.54	15.57
YAP09	10	0.02	<0.01	15.54	15.57
YAP09	15	0.02	<0.01	15.54	15.57
YAP09	20	0.03	<0.01	15.54	15.58
YAP09	25	0.04	<0.01	15.54	15.58
YAP09	30	0.04	<0.01	15.54	15.58
YAP09	35	0.04	<0.01	15.54	15.58
YAP09	40	0.03	<0.01	15.54	15.58
YAP09	45	0.03	<0.01	15.54	15.57
YAP10	1.5	0.02	<0.01	15.54	15.57
YAP10	5	0.02	<0.01	15.54	15.57
YAP10	10	0.02	<0.01	15.54	15.57
YAP10	15	0.03	<0.01	15.54	15.57
YAP10	20	0.04	<0.01	15.54	15.58
YAP10	25	0.04	<0.01	15.54	15.59
YAP10	30	0.05	<0.01	15.54	15.59
YAP10	35	0.05	<0.01	15.54	15.59
YAP10	40	0.04	<0.01	15.54	15.59
YAP11	1.5	0.02	<0.01	15.54	15.57
YAP11	5	0.02	<0.01	15.54	15.57
YAP11	10	0.02	<0.01	15.54	15.57
YAP11	15	0.03	<0.01	15.54	15.57
YAP11	20	0.04	<0.01	15.54	15.58

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation, Year 2041)

**Predicted 19th Highest Cumulative Hourly NO<sub>x</sub> Concentration (µg/m<sup>3</sup>)**

Receptor ID	Height (mAG)	Project Contribution	Vehicular Contribution	Background Contribution	Cumulative Concentration
YAE01	1.5	<0.01	0.06	99.62	99.68
YAE01	5	<0.01	0.05	99.62	99.68
YAE02	1.5	0.28	<0.01	95.78	96.07
YAE02	5	0.06	<0.01	95.98	96.03
YAE02	10	0.07	<0.01	95.98	96.04
YAE03	1.5	0.28	<0.01	95.78	96.06
YAE03	5	0.06	<0.01	95.98	96.04
YAE03	10	0.07	<0.01	95.98	96.04
YAE04	1.5	0.07	<0.01	95.98	96.05
YAE04	5	0.07	<0.01	95.98	96.04
YAE04	10	0.07	<0.01	95.98	96.04
YAE05	1.5	0.09	<0.01	101.18	101.28
YAE05	5	0.07	<0.01	101.18	101.25
YAE05	10	0.06	<0.01	101.18	101.24
YAP01	1.5	0.47	<0.01	96.98	97.46
YAP01	5	0.48	<0.01	96.98	97.47
YAP01	10	0.54	<0.01	96.98	97.52
YAP01	15	0.12	0.06	98.43	98.62
YAP01	20	0.07	0.08	99.03	99.18
YAP01	25	0.09	0.24	103.24	103.57
YAP01	30	47.44	<0.01	59.77	107.20
YAP01	35	62.52	<0.01	45.79	108.31
YAP01	40	54.01	<0.01	46.48	100.49
YAP01	45	0.07	<0.01	99.03	99.10
YAP01	50	1.13	<0.01	96.98	98.11
YAP02	1.5	0.08	3.75	93.95	97.78
YAP02	5	0.07	1.43	95.98	97.47
YAP02	10	1.38	0.01	96.98	98.38
YAP02	15	0.12	0.03	98.43	98.59
YAP02	20	31.71	<0.01	67.40	99.12
YAP02	25	0.08	<0.01	101.11	101.20
YAP02	30	50.66	<0.01	52.00	102.66
YAP02	35	4.82	<0.01	96.98	101.81
YAP02	40	0.09	<0.01	99.03	99.12
YAP02	45	0.04	<0.01	98.43	98.48
YAP02	50	0.03	0.02	98.37	98.41
YAP02	55	0.03	<0.01	95.98	96.01
YAP02	60	0.02	<0.01	95.98	96.00
YAP02	65	<0.01	<0.01	95.98	95.99
YAP02	70	<0.01	<0.01	95.98	95.98
YAP03	1.5	0.08	1.90	95.98	97.95
YAP03	5	0.07	1.71	95.98	97.76
YAP03	10	0.07	1.24	95.98	97.28
YAP03	15	1.60	0.10	96.72	98.43
YAP03	20	0.11	0.13	98.37	98.61
YAP03	25	0.09	0.22	101.11	101.42
YAP03	30	42.90	<0.01	59.95	102.85
YAP03	35	59.68	<0.01	41.43	101.11
YAP03	40	1.34	<0.01	96.72	98.07
YAP03	45	0.82	<0.01	96.72	97.54
YAP03	50	0.41	<0.01	96.72	97.14
YAP03	55	0.17	<0.01	96.72	96.90
YAP03	60	0.06	<0.01	96.72	96.78
YAP03	65	<0.01	<0.01	95.98	95.99
YAP03	70	<0.01	<0.01	95.98	95.98
YAP03	75	<0.01	<0.01	95.98	95.98
YAP04	1.5	0.62	0.15	96.98	97.75
YAP04	5	0.65	0.09	96.98	97.72
YAP04	10	0.07	1.10	95.98	97.14
YAP04	15	0.07	0.58	95.98	96.62
YAP04	20	1.33	<0.01	96.98	98.32
YAP04	25	0.10	0.08	98.37	98.54
YAP04	30	0.10	<0.01	99.03	99.14
YAP04	35	0.10	<0.01	99.03	99.13
YAP04	40	21.90	<0.01	76.40	98.30
YAP04	45	0.08	<0.01	96.72	96.81
YAP04	50	0.04	<0.01	96.72	96.77
YAP04	55	0.02	<0.01	96.72	96.74
YAP04	60	<0.01	<0.01	96.72	96.73
YAP04	65	<0.01	<0.01	95.98	95.99
YAP04	70	<0.01	<0.01	95.98	95.98
YAP04	75	<0.01	<0.01	95.98	95.98
YAP05	1.5	0.11	1.00	95.98	97.08
YAP05	5	0.08	0.87	95.98	96.93
YAP05	10	0.07	0.55	95.98	96.59
YAP05	15	1.08	0.23	95.00	96.32
YAP05	20	0.30	0.27	96.72	97.29
YAP05	25	0.06	<0.01	98.37	98.44

**Predicted 19th Highest Cumulative Hourly NO<sub>x</sub> Concentration (µg/m<sup>3</sup>)**

Receptor ID	Height (mAG)	Project Contribution	Vehicular Contribution	Background Contribution	Cumulative Concentration
YAP05	30	0.05	<0.01	98.37	98.43
YAP05	35	0.05	<0.01	98.37	98.41
YAP05	40	0.13	<0.01	96.72	96.87
YAP05	45	0.09	<0.01	96.72	96.81
YAP05	50	0.05	<0.01	96.72	96.77
YAP05	55	0.02	<0.01	96.72	96.75
YAP05	60	0.01	<0.01	96.72	96.73
YAP05	65	0.01	<0.01	95.98	95.99
YAP05	70	<0.01	<0.01	95.98	95.98
YAP05	75	<0.01	<0.01	95.98	95.98
YAP05	80	<0.01	<0.01	95.98	95.98
YAP05	85	<0.01	<0.01	95.98	95.98
YAP05	90	<0.01	<0.01	95.98	95.98
YAP06	1.5	0.08	0.11	96.98	97.17
YAP06	5	0.07	0.10	96.98	97.15
YAP06	10	0.07	0.72	95.98	96.77
YAP06	15	0.06	0.28	95.98	96.32
YAP06	20	0.06	0.08	95.98	96.12
YAP06	25	0.07	0.02	95.98	96.06
YAP06	30	0.07	<0.01	95.98	96.05
YAP06	35	0.07	<0.01	95.98	96.04
YAP06	40	0.06	<0.01	95.98	96.04
YAP06	45	0.05	<0.01	95.98	96.03
YAP06	50	0.04	<0.01	95.98	96.02
YAP06	55	0.03	<0.01	95.98	96.00
YAP06	60	0.02	<0.01	95.98	95.99
YAP06	65	0.01	<0.01	95.98	95.99
YAP07	1.5	0.05	0.08	96.98	97.11
YAP07	5	0.04	0.07	96.98	97.10
YAP07	10	0.07	0.63	95.98	96.68
YAP07	15	0.07	0.17	95.98	96.22
YAP07	20	0.07	0.03	95.98	96.08
YAP07	25	0.06	<0.01	96.72	96.79
YAP07	30	0.07	<0.01	98.43	98.51
YAP07	35	0.09	<0.01	99.03	99.12
YAP07	40	0.05	<0.01	98.37	98.42
YAP08	1.5	0.26	1.24	95.78	97.28
YAP08	5	0.04	0.07	96.98	97.09
YAP08	10	0.07	0.63	95.98	96.67
YAP08	15	0.13	0.34	95.78	96.25
YAP08	20	0.05	0.01	96.72	96.79
YAP08	25	0.10	<0.01	98.43	98.54
YAP08	30	0.03	<0.01	100.38	100.41
YAP08	35	52.22	<0.01	47.75	99.97
YAP08	40	0.10	<0.01	99.03	99.13
YAP09	1.5	0.10	<0.01	95.98	96.07
YAP09	5	0.08	<0.01	95.98	96.06
YAP09	10	0.07	<0.01	95.98	96.04
YAP09	15	0.06	<0.01	95.98	96.04
YAP09	20	0.07	<0.01	95.98	96.04
YAP09	25	0.04	<0.01	96.98	97.02
YAP09	30	0.06	0.02	98.37	98.45
YAP09	35	0.05	<0.01	98.43	98.49
YAP09	40	0.04	<0.01	98.43	98.48
YAP09	45	0.04	<0.01	96.98	97.02
YAP10	1.5	0.07	<0.01	95.98	96.05
YAP10	5	0.07	<0.01	95.98	96.04
YAP10	10	0.07	<0.01	95.98	96.04
YAP10	15	0.07	<0.01	95.98	96.05
YAP10	20	0.08	<0.01	95.98	96.06
YAP10	25	28.64	0.02	69.60	98.25
YAP10	30	70.14	<0.01	29.68	99.83
YAP10	35	0.10	<0.01	101.11	101.20
YAP10	40	0.02	<0.01	100.38	100.41
YAP11	1.5	0.30	<0.01	95.78	96.08
YAP11	5	0.05	<0.01	95.98	96.03
YAP11	10	0.06	<0.01	95.98	96.04
YAP11	15	0.08	<0.01	95.98	96.05
YAP11	20	0.04	<0.01	96.98	97.02

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation, Year 2041)

**Predicted Cumulative Annual NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

Receptor ID	Height (mAG)	Project Contribution	Vehicular Contribution	Background Contribution	Cumulative Concentration
YAE01	1.5	0.16	0.02	20.11	20.29
YAE01	5	0.16	0.02	20.11	20.29
YAE02	1.5	0.27	0.04	18.67	18.98
YAE02	5	0.26	0.04	18.67	18.97
YAE02	10	0.27	0.04	18.67	18.98
YAE03	1.5	0.27	0.05	18.67	18.98
YAE03	5	0.25	0.04	18.67	18.97
YAE03	10	0.27	0.04	18.67	18.98
YAE04	1.5	0.27	0.06	18.67	18.99
YAE04	5	0.26	0.05	18.67	18.98
YAE04	10	0.28	0.05	18.67	18.99
YAE05	1.5	0.26	0.06	19.68	20.00
YAE05	5	0.24	0.06	19.68	19.97
YAE05	10	0.22	0.05	19.68	19.95
YAP01	1.5	1.54	0.38	18.67	20.59
YAP01	5	1.55	0.34	18.67	20.56
YAP01	10	1.77	0.26	18.67	20.71
YAP01	15	2.21	0.18	18.67	21.07
YAP01	20	2.79	0.12	18.67	21.59
YAP01	25	3.29	0.08	18.67	22.05
YAP01	30	3.44	0.06	18.67	22.17
YAP01	35	3.08	0.04	18.67	21.80
YAP01	40	2.35	0.03	18.67	21.05
YAP01	45	1.56	0.02	18.67	20.26
YAP01	50	1.00	0.01	18.67	19.68
YAP02	1.5	0.95	1.11	18.67	20.73
YAP02	5	0.94	0.64	18.67	20.26
YAP02	10	1.10	0.29	18.67	20.06
YAP02	15	1.40	0.17	18.67	20.24
YAP02	20	1.79	0.11	18.67	20.57
YAP02	25	2.14	0.07	18.67	20.88
YAP02	30	2.25	0.05	18.67	20.97
YAP02	35	2.03	0.03	18.67	20.73
YAP02	40	1.55	0.02	18.67	20.25
YAP02	45	1.05	0.02	18.67	19.73
YAP02	50	0.69	0.01	18.67	19.37
YAP02	55	0.48	<0.01	18.67	19.16
YAP02	60	0.36	<0.01	18.67	19.04
YAP02	65	0.28	<0.01	18.67	18.96
YAP02	70	0.23	<0.01	18.67	18.91
YAP03	1.5	0.69	0.82	18.67	20.18
YAP03	5	0.69	0.59	18.67	19.95
YAP03	10	0.80	0.30	18.67	19.77
YAP03	15	1.03	0.16	18.67	19.86
YAP03	20	1.34	0.10	18.67	20.11
YAP03	25	1.62	0.07	18.67	20.36
YAP03	30	1.72	0.04	18.67	20.44
YAP03	35	1.57	0.03	18.67	20.28
YAP03	40	1.23	0.02	18.67	19.92
YAP03	45	0.86	0.01	18.67	19.54
YAP03	50	0.59	<0.01	18.67	19.27
YAP03	55	0.43	<0.01	18.67	19.10
YAP03	60	0.32	<0.01	18.67	19.00
YAP03	65	0.25	<0.01	18.67	18.93
YAP03	70	0.21	<0.01	18.67	18.88
YAP03	75	0.18	<0.01	18.67	18.85
YAP04	1.5	0.56	0.92	18.67	20.14
YAP04	5	0.56	0.63	18.67	19.86
YAP04	10	0.65	0.28	18.67	19.60
YAP04	15	0.83	0.15	18.67	19.65
YAP04	20	1.10	0.09	18.67	19.86
YAP04	25	1.34	0.06	18.67	20.07
YAP04	30	1.43	0.04	18.67	20.15
YAP04	35	1.32	0.03	18.67	20.02
YAP04	40	1.05	0.02	18.67	19.74
YAP04	45	0.76	0.01	18.67	19.44
YAP04	50	0.54	<0.01	18.67	19.22
YAP04	55	0.40	<0.01	18.67	19.08
YAP04	60	0.31	<0.01	18.67	18.98
YAP04	65	0.24	<0.01	18.67	18.92
YAP04	70	0.20	<0.01	18.67	18.87
YAP04	75	0.17	<0.01	18.67	18.84
YAP05	1.5	0.53	0.45	18.67	19.66
YAP05	5	0.51	0.41	18.67	19.60
YAP05	10	0.55	0.31	18.67	19.53
YAP05	15	0.66	0.20	18.67	19.53
YAP05	20	0.80	0.13	18.67	19.60
YAP05	25	0.93	0.08	18.67	19.68

**Predicted Cumulative Annual NO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

Receptor ID	Height (mAG)	Project Contribution	Vehicular Contribution	Background Contribution	Cumulative Concentration
YAP05	30	0.98	0.05	18.67	19.70
YAP05	35	0.92	0.03	18.67	19.62
YAP05	40	0.77	0.02	18.67	19.46
YAP05	45	0.58	0.01	18.67	19.26
YAP05	50	0.42	<0.01	18.67	19.10
YAP05	55	0.31	<0.01	18.67	18.99
YAP05	60	0.24	<0.01	18.67	18.91
YAP05	65	0.19	<0.01	18.67	18.86
YAP05	70	0.15	<0.01	18.67	18.82
YAP05	75	0.13	<0.01	18.67	18.80
YAP05	80	0.11	<0.01	18.67	18.78
YAP05	85	0.10	<0.01	18.67	18.77
YAP05	90	0.09	<0.01	18.67	18.76
YAP06	1.5	0.33	0.38	18.67	19.38
YAP06	5	0.32	0.33	18.67	19.32
YAP06	10	0.34	0.22	18.67	19.24
YAP06	15	0.40	0.13	18.67	19.21
YAP06	20	0.49	0.08	18.67	19.24
YAP06	25	0.57	0.04	18.67	19.28
YAP06	30	0.60	0.03	18.67	19.30
YAP06	35	0.57	0.02	18.67	19.26
YAP06	40	0.49	0.01	18.67	19.17
YAP06	45	0.40	<0.01	18.67	19.08
YAP06	50	0.32	<0.01	18.67	19.00
YAP06	55	0.26	<0.01	18.67	18.94
YAP06	60	0.21	<0.01	18.67	18.89
YAP06	65	0.18	<0.01	18.67	18.85
YAP07	1.5	0.35	0.47	18.67	19.49
YAP07	5	0.34	0.39	18.67	19.40
YAP07	10	0.38	0.23	18.67	19.28
YAP07	15	0.46	0.13	18.67	19.26
YAP07	20	0.58	0.07	18.67	19.32
YAP07	25	0.68	0.04	18.67	19.40
YAP07	30	0.73	0.03	18.67	19.42
YAP07	35	0.69	0.02	18.67	19.38
YAP07	40	0.59	0.01	18.67	19.27
YAP08	1.5	0.38	0.56	18.67	19.61
YAP08	5	0.38	0.38	18.67	19.43
YAP08	10	0.42	0.19	18.67	19.29
YAP08	15	0.52	0.11	18.67	19.30
YAP08	20	0.68	0.07	18.67	19.41
YAP08	25	0.81	0.04	18.67	19.53
YAP08	30	0.87	0.03	18.67	19.57
YAP08	35	0.82	0.02	18.67	19.51
YAP08	40	0.69	0.01	18.67	19.38
YAP09	1.5	0.29	0.13	18.67	19.09
YAP09	5	0.29	0.12	18.67	19.07
YAP09	10	0.31	0.08	18.67	19.07
YAP09	15	0.37	0.06	18.67	19.10
YAP09	20	0.46	0.04	18.67	19.17
YAP09	25	0.54	0.03	18.67	19.24
YAP09	30	0.58	0.02	18.67	19.27
YAP09	35	0.55	0.01	18.67	19.24
YAP09	40	0.48	0.01	18.67	19.16
YAP09	45	0.40	<0.01	18.67	19.08
YAP10	1.5	0.32	0.12	18.67	19.11
YAP10	5	0.31	0.11	18.67	19.09
YAP10	10	0.35	0.08	18.67	19.10
YAP10	15	0.43	0.06	18.67	19.16
YAP10	20	0.54	0.04	18.67	19.26
YAP10	25	0.66	0.03	18.67	19.36
YAP10	30	0.71	0.02	18.67	19.41
YAP10	35	0.68	0.02	18.67	19.37
YAP10	40	0.59	0.01	18.67	19.27
YAP11	1.5	0.34	0.10	18.67	19.11
YAP11	5	0.33	0.09	18.67	19.09
YAP11	10	0.36	0.08	18.67	19.10
YAP11	15	0.44	0.06	18.67	19.17
YAP11	20	0.57	0.04	18.67	19.29

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation Phase)

**Predicted 4th Highest Cummulative 10-minute SO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

Receptor ID	Height (mAG)	Project Contribution	Background Contribution	Cummulative Concentration
YAE01	1.5	0.23	57.14	57.36
YAE01	5	0.21	57.12	57.33
YAE02	1.5	0.04	55.82	55.85
YAE02	5	0.04	55.81	55.85
YAE02	10	0.03	55.81	55.84
YAE03	1.5	0.04	55.81	55.85
YAE03	5	0.03	55.81	55.84
YAE03	10	0.03	55.81	55.84
YAE04	1.5	0.03	55.80	55.84
YAE04	5	0.03	55.80	55.83
YAE04	10	0.03	55.80	55.83
YAE05	1.5	0.02	54.38	54.40
YAE05	5	0.02	54.38	54.39
YAE05	10	0.01	54.38	54.39
YAP01	1.5	0.03	55.80	55.82
YAP01	5	0.02	55.80	55.82
YAP01	10	0.02	55.79	55.82
YAP01	15	0.02	55.79	55.81
YAP01	20	0.02	55.79	55.81
YAP01	25	0.02	55.79	55.81
YAP01	30	0.02	55.79	55.80
YAP01	35	0.02	55.78	55.80
YAP01	40	0.02	55.78	55.80
YAP01	45	0.02	55.78	55.80
YAP01	50	0.01	55.78	55.80
YAP02	1.5	0.03	55.80	55.83
YAP02	5	0.03	55.80	55.82
YAP02	10	0.02	55.79	55.82
YAP02	15	0.02	55.79	55.81
YAP02	20	0.02	55.79	55.81
YAP02	25	0.02	55.79	55.81
YAP02	30	0.02	55.79	55.81
YAP02	35	0.02	55.79	55.80
YAP02	40	0.02	55.78	55.80
YAP02	45	0.02	55.78	55.80
YAP02	50	0.02	55.78	55.80
YAP02	55	0.01	55.78	55.79
YAP02	60	0.01	55.78	55.79
YAP02	65	0.01	55.78	55.79
YAP02	70	0.01	55.78	55.79
YAP03	1.5	0.03	55.80	55.83
YAP03	5	0.03	55.80	55.82
YAP03	10	0.02	55.80	55.82
YAP03	15	0.02	55.79	55.82
YAP03	20	0.02	55.79	55.81
YAP03	25	0.02	55.79	55.81
YAP03	30	0.02	55.79	55.81
YAP03	35	0.02	55.79	55.81
YAP03	40	0.02	55.78	55.80
YAP03	45	0.02	55.78	55.80
YAP03	50	0.02	55.78	55.80
YAP03	55	0.01	55.78	55.80
YAP03	60	0.01	55.78	55.79
YAP03	65	0.01	55.78	55.79
YAP03	70	0.01	55.78	55.79
YAP03	75	0.01	55.78	55.79
YAP04	1.5	0.03	55.80	55.83
YAP04	5	0.03	55.80	55.83
YAP04	10	0.03	55.80	55.82
YAP04	15	0.02	55.79	55.82
YAP04	20	0.02	55.79	55.82
YAP04	25	0.02	55.79	55.81
YAP04	30	0.02	55.79	55.81
YAP04	35	0.02	55.79	55.81
YAP04	40	0.02	55.79	55.80
YAP04	45	0.02	55.78	55.80
YAP04	50	0.02	55.78	55.80
YAP04	55	0.01	55.78	55.80
YAP04	60	0.01	55.78	55.79
YAP04	65	0.01	55.78	55.79
YAP04	70	0.01	55.78	55.79
YAP04	75	0.01	55.78	55.79
YAP05	1.5	0.02	55.78	55.80
YAP05	5	0.02	55.78	55.80
YAP05	10	0.01	55.78	55.79
YAP05	15	0.01	55.78	55.79
YAP05	20	0.01	55.78	55.79

**Predicted 4th Highest Cummulative 10-minute SO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

Receptor ID	Height (mAG)	Project Contribution	Background Contribution	Cummulative Concentration
YAP05	25	0.01	55.78	55.79
YAP05	30	0.01	55.78	55.79
YAP05	35	0.01	55.78	55.79
YAP05	40	0.01	55.77	55.79
YAP05	45	0.01	55.77	55.78
YAP05	50	<0.01	55.77	55.78
YAP05	55	<0.01	55.77	55.78
YAP05	60	<0.01	55.77	55.78
YAP05	65	<0.01	55.77	55.78
YAP05	70	<0.01	55.77	55.78
YAP05	75	<0.01	55.77	55.78
YAP05	80	<0.01	55.77	55.78
YAP05	85	<0.01	55.77	55.78
YAP05	90	<0.01	55.77	55.78
YAP06	1.5	0.02	55.78	55.80
YAP06	5	0.02	55.78	55.80
YAP06	10	0.01	55.78	55.79
YAP06	15	0.01	55.78	55.79
YAP06	20	0.01	55.78	55.79
YAP06	25	0.01	55.78	55.79
YAP06	30	0.01	55.78	55.79
YAP06	35	0.01	55.78	55.79
YAP06	40	0.01	55.78	55.79
YAP06	45	0.01	55.77	55.78
YAP06	50	<0.01	55.77	55.78
YAP06	55	<0.01	55.77	55.78
YAP06	60	<0.01	55.77	55.78
YAP06	65	<0.01	55.77	55.78
YAP07	1.5	0.02	55.79	55.82
YAP07	5	0.02	55.79	55.81
YAP07	10	0.02	55.79	55.81
YAP07	15	0.02	55.79	55.81
YAP07	20	0.02	55.79	55.80
YAP07	25	0.02	55.78	55.80
YAP07	30	0.02	55.78	55.80
YAP07	35	0.02	55.78	55.80
YAP07	40	0.01	55.78	55.80
YAP08	1.5	0.03	55.80	55.84
YAP08	5	0.03	55.80	55.83
YAP08	10	0.03	55.80	55.83
YAP08	15	0.03	55.80	55.82
YAP08	20	0.02	55.79	55.82
YAP08	25	0.02	55.79	55.82
YAP08	30	0.02	55.79	55.81
YAP08	35	11.19	47.31	58.50
YAP08	40	11.14	47.27	58.41
YAP09	1.5	0.02	55.79	55.81
YAP09	5	0.02	55.79	55.80
YAP09	10	0.02	55.78	55.80
YAP09	15	0.02	55.78	55.80
YAP09	20	0.02	55.78	55.80
YAP09	25	0.01	55.78	55.79
YAP09	30	0.01	55.78	55.79
YAP09	35	0.01	55.78	55.79
YAP09	40	0.01	55.78	55.79
YAP09	45	0.01	55.78	55.79
YAP10	1.5	0.03	55.80	55.83
YAP10	5	0.03	55.80	55.83
YAP10	10	0.03	55.80	55.83
YAP10	15	0.03	55.80	55.82
YAP10	20	0.02	55.79	55.82
YAP10	25	0.02	55.79	55.81
YAP10	30	0.02	55.79	55.81
YAP10	35	0.02	55.79	55.81
YAP10	40	0.02	55.79	55.81
YAP11	1.5	0.04	55.82	55.86
YAP11	5	0.04	55.82	55.86
YAP11	10	0.04	55.81	55.85
YAP11	15	0.03	55.81	55.84
YAP11	20	0.03	55.81	55.84

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation Phase)

**Predicted 4th Highest Cumulative Daily SO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

Receptor ID	Height (mAG)	Project Contribution	Background Contribution	Cummulative Concentration
YAE01	1.5	0.34	11.37	11.71
YAE01	5	0.34	11.37	11.71
YAE02	1.5	0.14	11.66	11.80
YAE02	5	0.14	11.66	11.80
YAE02	10	0.14	11.66	11.79
YAE03	1.5	0.12	11.66	11.78
YAE03	5	0.12	11.66	11.77
YAE03	10	0.11	11.66	11.77
YAE04	1.5	0.08	11.66	11.74
YAE04	5	0.08	11.66	11.74
YAE04	10	0.08	11.66	11.73
YAE05	1.5	0.05	11.42	11.47
YAE05	5	0.04	11.42	11.46
YAE05	10	0.04	11.42	11.46
YAP01	1.5	0.27	11.66	11.92
YAP01	5	0.33	11.66	11.99
YAP01	10	0.55	11.66	12.21
YAP01	15	0.90	11.66	12.56
YAP01	20	1.40	11.66	13.06
YAP01	25	1.91	11.66	13.57
YAP01	30	2.20	11.66	13.86
YAP01	35	2.03	11.66	13.69
YAP01	40	1.47	11.66	13.13
YAP01	45	0.82	11.66	12.48
YAP01	50	0.36	11.66	12.02
YAP02	1.5	0.19	11.66	11.84
YAP02	5	0.23	11.66	11.89
YAP02	10	0.38	11.66	12.04
YAP02	15	0.61	11.66	12.27
YAP02	20	0.93	11.66	12.58
YAP02	25	1.23	11.66	12.89
YAP02	30	1.36	11.66	13.02
YAP02	35	1.20	11.66	12.86
YAP02	40	0.82	11.66	12.48
YAP02	45	0.43	11.66	12.09
YAP02	50	0.17	11.66	11.83
YAP02	55	0.06	11.66	11.72
YAP02	60	0.03	11.66	11.69
YAP02	65	0.02	11.66	11.68
YAP02	70	0.02	11.66	11.67
YAP03	1.5	0.08	11.66	11.74
YAP03	5	0.09	11.66	11.75
YAP03	10	0.14	11.66	11.80
YAP03	15	0.20	11.66	11.86
YAP03	20	0.27	11.66	11.92
YAP03	25	0.31	11.66	11.97
YAP03	30	0.31	11.66	11.96
YAP03	35	0.24	11.66	11.90
YAP03	40	0.15	11.66	11.81
YAP03	45	0.08	11.66	11.73
YAP03	50	0.04	11.66	11.70
YAP03	55	0.03	11.66	11.68
YAP03	60	0.02	11.66	11.68
YAP03	65	0.02	11.66	11.67
YAP03	70	0.02	11.66	11.67
YAP03	75	0.01	11.66	11.67
YAP04	1.5	0.04	11.66	11.70
YAP04	5	0.05	11.66	11.70
YAP04	10	0.06	11.66	11.71
YAP04	15	0.07	11.66	11.72
YAP04	20	0.08	11.66	11.73
YAP04	25	0.08	11.66	11.74
YAP04	30	0.92	10.81	11.74
YAP04	35	0.06	11.66	11.71
YAP04	40	0.04	11.66	11.70
YAP04	45	0.03	11.66	11.69
YAP04	50	0.03	11.66	11.68
YAP04	55	0.02	11.66	11.68
YAP04	60	0.02	11.66	11.68
YAP04	65	0.02	11.66	11.68
YAP04	70	0.02	11.66	11.67
YAP04	75	0.01	11.66	11.67
YAP05	1.5	0.06	11.66	11.72
YAP05	5	0.06	11.66	11.72
YAP05	10	0.06	11.66	11.72
YAP05	15	0.06	11.66	11.72
YAP05	20	0.07	11.66	11.72

**Predicted 4th Highest Cumulative Daily SO<sub>2</sub> Concentration (µg/m<sup>3</sup>)**

Receptor ID	Height (mAG)	Project Contribution	Background Contribution	Cummulative Concentration
YAP05	25	0.07	11.66	11.72
YAP05	30	0.06	11.66	11.72
YAP05	35	0.05	11.66	11.70
YAP05	40	0.03	11.66	11.69
YAP05	45	0.02	11.66	11.68
YAP05	50	0.02	11.66	11.67
YAP05	55	0.01	11.66	11.67
YAP05	60	0.01	11.66	11.67
YAP05	65	0.01	11.66	11.67
YAP05	70	0.01	11.66	11.67
YAP05	75	<0.01	11.66	11.67
YAP05	80	<0.01	11.66	11.67
YAP05	85	<0.01	11.66	11.67
YAP05	90	<0.01	11.66	11.66
YAP06	1.5	0.02	11.66	11.68
YAP06	5	0.02	11.66	11.67
YAP06	10	0.02	11.66	11.67
YAP06	15	0.02	11.66	11.67
YAP06	20	0.02	11.66	11.67
YAP06	25	0.02	11.66	11.67
YAP06	30	0.02	11.66	11.68
YAP06	35	0.02	11.66	11.67
YAP06	40	0.02	11.66	11.67
YAP06	45	0.02	11.66	11.67
YAP06	50	0.01	11.66	11.67
YAP06	55	0.01	11.66	11.67
YAP06	60	0.01	11.66	11.67
YAP06	65	0.01	11.66	11.67
YAP07	1.5	0.02	11.66	11.68
YAP07	5	0.02	11.66	11.68
YAP07	10	0.02	11.66	11.68
YAP07	15	0.02	11.66	11.68
YAP07	20	0.02	11.66	11.68
YAP07	25	0.02	11.66	11.68
YAP07	30	0.02	11.66	11.68
YAP07	35	0.02	11.66	11.68
YAP07	40	0.02	11.66	11.68
YAP08	1.5	0.03	11.66	11.69
YAP08	5	0.03	11.66	11.69
YAP08	10	0.03	11.66	11.68
YAP08	15	0.03	11.66	11.69
YAP08	20	0.03	11.66	11.69
YAP08	25	0.03	11.66	11.69
YAP08	30	0.03	11.66	11.69
YAP08	35	0.03	11.66	11.69
YAP08	40	0.03	11.66	11.69
YAP09	1.5	0.03	11.66	11.68
YAP09	5	0.03	11.66	11.68
YAP09	10	0.02	11.66	11.68
YAP09	15	0.02	11.66	11.68
YAP09	20	0.02	11.66	11.68
YAP09	25	0.03	11.66	11.68
YAP09	30	0.03	11.66	11.68
YAP09	35	0.03	11.66	11.68
YAP09	40	0.02	11.66	11.68
YAP09	45	0.02	11.66	11.68
YAP10	1.5	0.05	11.66	11.71
YAP10	5	0.05	11.66	11.71
YAP10	10	0.05	11.66	11.70
YAP10	15	0.05	11.66	11.70
YAP10	20	0.05	11.66	11.70
YAP10	25	0.05	11.66	11.70
YAP10	30	0.05	11.66	11.70
YAP10	35	0.93	10.81	11.74
YAP10	40	0.93	10.81	11.74
YAP11	1.5	0.09	11.66	11.74
YAP11	5	0.08	11.66	11.74
YAP11	10	0.08	11.66	11.74
YAP11	15	0.08	11.66	11.74
YAP11	20	0.08	11.66	11.74

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation)

Predicted Maximum Cumulative Hourly CO Concentration (µg/m³)

Receptor ID	Height (mAG)	Project Contribution	Background Contribution	Cumulative Concentration
YAE01	1.5	0.11	929.44	929.55
YAE01	5	0.10	929.44	929.54
YAE02	1.5	0.27	929.97	930.24
YAE02	5	0.23	929.97	930.19
YAE02	10	0.20	929.97	930.16
YAE03	1.5	0.26	929.97	930.23
YAE03	5	0.22	929.97	930.19
YAE03	10	0.19	929.97	930.16
YAE04	1.5	0.23	929.97	930.19
YAE04	5	0.19	929.97	930.16
YAE04	10	0.17	929.97	930.13
YAE05	1.5	0.10	928.29	928.38
YAE05	5	0.08	928.29	928.37
YAE05	10	0.07	928.29	928.36
YAP01	1.5	0.19	929.97	930.15
YAP01	5	0.16	929.97	930.13
YAP01	10	0.14	929.97	930.11
YAP01	15	0.13	929.97	930.09
YAP01	20	0.12	929.97	930.08
YAP01	25	0.11	929.97	930.07
YAP01	30	0.10	929.97	930.06
YAP01	35	0.09	929.97	930.06
YAP01	40	0.08	929.97	930.05
YAP01	45	0.08	929.97	930.04
YAP01	50	0.07	929.97	930.04
YAP02	1.5	0.19	929.97	930.16
YAP02	5	0.17	929.97	930.13
YAP02	10	0.14	929.97	930.11
YAP02	15	0.13	929.97	930.10
YAP02	20	0.12	929.97	930.08
YAP02	25	0.11	929.97	930.07
YAP02	30	0.10	929.97	930.07
YAP02	35	0.09	929.97	930.06
YAP02	40	0.09	929.97	930.05
YAP02	45	0.08	929.97	930.04
YAP02	50	0.07	929.97	930.04
YAP02	55	0.07	929.97	930.03
YAP02	60	0.06	929.97	930.03
YAP02	65	0.06	929.97	930.02
YAP02	70	0.05	929.97	930.02
YAP03	1.5	0.20	929.97	930.17
YAP03	5	0.17	929.97	930.14
YAP03	10	0.15	929.97	930.12
YAP03	15	0.14	929.97	930.10
YAP03	20	0.12	929.97	930.09
YAP03	25	0.11	929.97	930.08
YAP03	30	0.10	929.97	930.07
YAP03	35	0.10	929.97	930.06
YAP03	40	0.09	929.97	930.05
YAP03	45	0.08	929.97	930.05
YAP03	50	0.08	929.97	930.04
YAP03	55	0.07	929.97	930.03
YAP03	60	0.06	929.97	930.03
YAP03	65	0.06	929.97	930.02
YAP03	70	0.05	929.97	930.02
YAP03	75	0.05	929.97	930.01
YAP04	1.5	0.21	929.97	930.18
YAP04	5	0.18	929.97	930.15
YAP04	10	0.16	929.97	930.12
YAP04	15	0.14	929.97	930.11
YAP04	20	0.13	929.97	930.09
YAP04	25	0.12	929.97	930.08
YAP04	30	0.11	929.97	930.07
YAP04	35	0.10	929.97	930.06
YAP04	40	0.09	929.97	930.06
YAP04	45	0.08	929.97	930.05
YAP04	50	0.08	929.97	930.04
YAP04	55	0.07	929.97	930.04
YAP04	60	0.07	929.97	930.03
YAP04	65	0.06	929.97	930.03
YAP04	70	0.05	929.97	930.02
YAP04	75	0.05	929.97	930.02
YAP05	1.5	0.11	929.97	930.08
YAP05	5	0.10	929.97	930.06
YAP05	10	0.09	929.97	930.05
YAP05	15	0.08	929.97	930.04
YAP05	20	0.07	929.97	930.04

Predicted Maximum Cumulative Hourly CO Concentration (µg/m³)

Receptor ID	Height (mAG)	Project Contribution	Background Contribution	Cumulative Concentration
YAP05	25	0.07	929.97	930.03
YAP05	30	0.06	929.97	930.03
YAP05	35	0.06	929.97	930.02
YAP05	40	0.06	929.97	930.02
YAP05	45	0.05	929.97	930.02
YAP05	50	0.05	929.97	930.01
YAP05	55	0.05	929.97	930.01
YAP05	60	0.04	929.97	930.01
YAP05	65	0.04	929.97	930.00
YAP05	70	0.04	929.97	930.00
YAP05	75	0.03	929.97	930.00
YAP05	80	0.03	929.97	930.00
YAP05	85	0.03	929.97	929.99
YAP05	90	0.03	929.97	929.99
YAP06	1.5	0.11	929.97	930.08
YAP06	5	0.10	929.97	930.06
YAP06	10	0.09	929.97	930.05
YAP06	15	0.08	929.97	930.04
YAP06	20	0.07	929.97	930.04
YAP06	25	0.07	929.97	930.03
YAP06	30	0.06	929.97	930.03
YAP06	35	0.06	929.97	930.02
YAP06	40	0.06	929.97	930.02
YAP06	45	0.05	929.97	930.02
YAP06	50	0.05	929.97	930.01
YAP06	55	0.05	929.97	930.01
YAP06	60	0.04	929.97	930.01
YAP06	65	0.04	929.97	930.01
YAP07	1.5	0.17	929.97	930.13
YAP07	5	0.14	929.97	930.11
YAP07	10	0.12	929.97	930.09
YAP07	15	0.11	929.97	930.08
YAP07	20	0.10	929.97	930.07
YAP07	25	0.10	929.97	930.06
YAP07	30	0.09	929.97	930.05
YAP07	35	0.08	929.97	930.05
YAP07	40	0.08	929.97	930.04
YAP08	1.5	0.22	929.97	930.19
YAP08	5	0.19	929.97	930.16
YAP08	10	0.16	929.97	930.13
YAP08	15	0.15	929.97	930.11
YAP08	20	0.13	929.97	930.10
YAP08	25	0.12	929.97	930.09
YAP08	30	0.11	929.97	930.08
YAP08	35	0.10	929.97	930.07
YAP08	40	0.10	929.97	930.06
YAP09	1.5	0.13	929.97	930.10
YAP09	5	0.12	929.97	930.08
YAP09	10	0.10	929.97	930.07
YAP09	15	0.09	929.97	930.06
YAP09	20	0.08	929.97	930.05
YAP09	25	0.08	929.97	930.04
YAP09	30	0.07	929.97	930.04
YAP09	35	0.07	929.97	930.03
YAP09	40	0.06	929.97	930.03
YAP09	45	0.06	929.97	930.02
YAP10	1.5	0.22	929.97	930.19
YAP10	5	0.19	929.97	930.15
YAP10	10	0.16	929.97	930.13
YAP10	15	0.15	929.97	930.11
YAP10	20	0.13	929.97	930.10
YAP10	25	0.12	929.97	930.09
YAP10	30	0.11	929.97	930.08
YAP10	35	0.10	929.97	930.07
YAP10	40	0.09	929.97	930.06
YAP11	1.5	0.32	929.97	930.28
YAP11	5	0.27	929.97	930.23
YAP11	10	0.23	929.97	930.19
YAP11	15	0.20	929.97	930.17
YAP11	20	0.18	929.97	930.15

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation)

Predicted Maximum Cumulative 8-hour CO Concentration (µg/m³)

Receptor ID	Height (mAG)	Project Contribution	Background Contribution	Cumulative Concentration
YAE01	1.5	0.20	837.17	837.37
YAE01	5	0.19	837.16	837.34
YAE02	1.5	0.43	838.70	839.13
YAE02	5	0.38	838.64	839.03
YAE02	10	0.34	838.61	838.95
YAE03	1.5	0.42	838.70	839.12
YAE03	5	0.37	838.65	839.02
YAE03	10	0.33	838.61	838.95
YAE04	1.5	0.36	838.70	839.06
YAE04	5	0.32	838.66	838.97
YAE04	10	0.29	838.63	838.91
YAE05	1.5	0.15	835.12	835.27
YAE05	5	0.14	835.09	835.22
YAE05	10	0.12	835.06	835.19
YAP01	1.5	0.29	838.71	839.00
YAP01	5	0.26	838.66	838.93
YAP01	10	0.24	838.64	838.87
YAP01	15	0.22	838.62	838.84
YAP01	20	0.20	838.61	838.81
YAP01	25	0.19	838.60	838.79
YAP01	30	0.18	838.60	838.77
YAP01	35	0.17	838.59	838.76
YAP01	40	0.16	838.58	838.74
YAP01	45	0.15	838.58	838.73
YAP01	50	0.14	838.57	838.71
YAP02	1.5	0.30	838.71	839.01
YAP02	5	0.27	838.66	838.93
YAP02	10	0.24	838.63	838.88
YAP02	15	0.23	838.62	838.84
YAP02	20	0.21	838.61	838.82
YAP02	25	0.20	838.60	838.80
YAP02	30	0.18	838.59	838.78
YAP02	35	0.17	838.59	838.76
YAP02	40	0.16	838.58	838.74
YAP02	45	0.15	838.58	838.73
YAP02	50	0.14	838.57	838.72
YAP02	55	0.14	838.57	838.70
YAP02	60	0.13	838.56	838.69
YAP02	65	0.12	838.56	838.68
YAP02	70	0.11	838.56	838.68
YAP03	1.5	0.32	838.71	839.02
YAP03	5	0.28	838.66	838.95
YAP03	10	0.26	838.63	838.89
YAP03	15	0.24	838.62	838.85
YAP03	20	0.22	838.61	838.83
YAP03	25	0.21	838.60	838.80
YAP03	30	0.19	838.59	838.78
YAP03	35	0.18	838.58	838.77
YAP03	40	0.17	838.58	838.75
YAP03	45	0.16	838.57	838.73
YAP03	50	0.15	838.57	838.72
YAP03	55	0.14	838.56	838.71
YAP03	60	0.13	838.56	838.69
YAP03	65	0.12	838.56	838.69
YAP03	70	0.12	838.56	838.68
YAP03	75	0.11	838.56	838.67
YAP04	1.5	0.33	838.70	839.04
YAP04	5	0.30	838.66	838.96
YAP04	10	0.27	838.63	838.90
YAP04	15	0.24	838.61	838.86
YAP04	20	0.23	838.60	838.83
YAP04	25	0.21	838.60	838.81
YAP04	30	0.20	838.59	838.79
YAP04	35	0.19	838.58	838.77
YAP04	40	0.18	838.58	838.75
YAP04	45	0.17	838.57	838.74
YAP04	50	0.15	838.57	838.72
YAP04	55	0.15	838.56	838.71
YAP04	60	0.14	838.56	838.70
YAP04	65	0.13	838.56	838.69
YAP04	70	0.12	838.56	838.68
YAP04	75	0.11	838.56	838.67
YAP05	1.5	0.17	838.70	838.87
YAP05	5	0.15	838.67	838.82
YAP05	10	0.14	838.65	838.79
YAP05	15	0.13	838.64	838.77
YAP05	20	0.12	838.63	838.75

Predicted Maximum Cumulative 8-hour CO Concentration (µg/m³)

Receptor ID	Height (mAG)	Project Contribution	Background Contribution	Cumulative Concentration
YAP05	25	0.12	838.62	838.74
YAP05	30	0.11	838.62	838.73
YAP05	35	0.10	838.61	838.71
YAP05	40	0.10	838.60	838.70
YAP05	45	0.09	838.60	838.70
YAP05	50	0.09	838.60	838.69
YAP05	55	0.09	838.59	838.68
YAP05	60	0.08	838.59	838.67
YAP05	65	0.08	838.59	838.67
YAP05	70	0.07	838.59	838.66
YAP05	75	0.07	838.59	838.66
YAP05	80	0.07	838.59	838.65
YAP05	85	0.06	838.59	838.65
YAP05	90	0.06	838.59	838.65
YAP06	1.5	0.17	838.70	838.87
YAP06	5	0.15	838.67	838.83
YAP06	10	0.14	838.65	838.79
YAP06	15	0.13	838.64	838.77
YAP06	20	0.12	838.63	838.75
YAP06	25	0.12	838.62	838.74
YAP06	30	0.11	838.61	838.73
YAP06	35	0.11	838.61	838.72
YAP06	40	0.10	838.60	838.71
YAP06	45	0.10	838.60	838.70
YAP06	50	0.09	838.60	838.69
YAP06	55	0.09	838.59	838.68
YAP06	60	0.08	838.59	838.67
YAP06	65	0.08	838.59	838.67
YAP07	1.5	0.25	838.71	838.96
YAP07	5	0.23	838.67	838.90
YAP07	10	0.21	838.64	838.85
YAP07	15	0.19	838.63	838.82
YAP07	20	0.18	838.62	838.80
YAP07	25	0.17	838.61	838.78
YAP07	30	0.16	838.60	838.76
YAP07	35	0.15	838.59	838.75
YAP07	40	0.14	838.59	838.73
YAP08	1.5	0.35	838.70	839.06
YAP08	5	0.31	838.66	838.97
YAP08	10	0.28	838.63	838.91
YAP08	15	0.26	838.61	838.87
YAP08	20	0.24	838.60	838.84
YAP08	25	0.22	838.59	838.82
YAP08	30	0.21	838.59	838.80
YAP08	35	0.20	838.58	838.78
YAP08	40	0.18	838.57	838.76
YAP09	1.5	0.20	838.71	838.91
YAP09	5	0.18	838.67	838.85
YAP09	10	0.17	838.65	838.81
YAP09	15	0.15	838.63	838.79
YAP09	20	0.14	838.62	838.77
YAP09	25	0.14	838.62	838.75
YAP09	30	0.13	838.61	838.74
YAP09	35	0.12	838.60	838.73
YAP09	40	0.12	838.60	838.72
YAP09	45	0.11	838.59	838.71
YAP10	1.5	0.35	838.70	839.05
YAP10	5	0.31	838.66	838.97
YAP10	10	0.28	838.63	838.91
YAP10	15	0.26	838.61	838.87
YAP10	20	0.24	838.60	838.84
YAP10	25	0.22	838.59	838.82
YAP10	30	0.21	838.59	838.79
YAP10	35	0.20	838.58	838.77
YAP10	40	0.18	838.57	838.76
YAP11	1.5	0.51	838.69	839.20
YAP11	5	0.45	838.63	839.08
YAP11	10	0.40	838.60	839.00
YAP11	15	0.36	838.58	838.94
YAP11	20	0.33	838.57	838.91

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation)

**Predicted Maximum Hourly Methane Concentration (µg/m3)**

Receptor ID	Height (mAG)	Project Contribution
YAE01	1.5	7.21
YAE01	5	7.61
YAE02	1.5	8.55
YAE02	5	8.47
YAE02	10	8.46
YAE03	1.5	7.47
YAE03	5	7.41
YAE03	10	8.00
YAE04	1.5	6.35
YAE04	5	6.79
YAE04	10	8.60
YAE05	1.5	9.03
YAE05	5	8.65
YAE05	10	8.89
YAP01	1.5	7.78
YAP01	5	7.71
YAP01	10	9.07
YAP01	15	14.48
YAP01	20	24.47
YAP01	25	37.66
YAP01	30	48.27
YAP01	35	45.06
YAP01	40	39.70
YAP01	45	37.56
YAP01	50	30.43
YAP02	1.5	7.59
YAP02	5	7.60
YAP02	10	9.00
YAP02	15	14.58
YAP02	20	25.50
YAP02	25	39.36
YAP02	30	48.09
YAP02	35	44.40
YAP02	40	40.97
YAP02	45	35.63
YAP02	50	30.58
YAP02	55	24.52
YAP02	60	18.70
YAP02	65	13.11
YAP02	70	8.52
YAP03	1.5	7.31
YAP03	5	7.28
YAP03	10	8.96
YAP03	15	15.01
YAP03	20	25.51
YAP03	25	41.35
YAP03	30	50.77
YAP03	35	45.39
YAP03	40	41.32
YAP03	45	39.11
YAP03	50	32.06
YAP03	55	25.07
YAP03	60	19.26
YAP03	65	13.54
YAP03	70	8.71
YAP03	75	5.75
YAP04	1.5	7.89
YAP04	5	7.81
YAP04	10	9.00
YAP04	15	14.84
YAP04	20	25.61
YAP04	25	41.74
YAP04	30	50.68
YAP04	35	46.29
YAP04	40	42.78
YAP04	45	38.61
YAP04	50	31.86
YAP04	55	25.85
YAP04	60	21.52
YAP04	65	16.73
YAP04	70	12.13
YAP04	75	8.21
YAP05	1.5	8.97
YAP05	5	8.70
YAP05	10	9.32
YAP05	15	12.53
YAP05	20	18.78

**Predicted Maximum Hourly Methane Concentration (µg/m3)**

Receptor ID	Height (mAG)	Project Contribution
YAP05	25	27.68
YAP05	30	33.08
YAP05	35	30.48
YAP05	40	27.97
YAP05	45	26.86
YAP05	50	22.79
YAP05	55	18.16
YAP05	60	14.58
YAP05	65	11.47
YAP05	70	9.05
YAP05	75	6.78
YAP05	80	4.83
YAP05	85	3.56
YAP05	90	3.50
YAP06	1.5	8.76
YAP06	5	8.58
YAP06	10	9.36
YAP06	15	13.91
YAP06	20	21.51
YAP06	25	33.07
YAP06	30	39.88
YAP06	35	33.78
YAP06	40	28.11
YAP06	45	26.87
YAP06	50	25.42
YAP06	55	22.14
YAP06	60	17.77
YAP06	65	14.83
YAP07	1.5	7.64
YAP07	5	7.85
YAP07	10	9.11
YAP07	15	14.06
YAP07	20	24.59
YAP07	25	42.92
YAP07	30	49.48
YAP07	35	43.07
YAP07	40	36.70
YAP08	1.5	7.33
YAP08	5	7.27
YAP08	10	8.69
YAP08	15	15.13
YAP08	20	28.60
YAP08	25	54.45
YAP08	30	63.97
YAP08	35	54.18
YAP08	40	44.94
YAP09	1.5	8.39
YAP09	5	8.25
YAP09	10	9.26
YAP09	15	13.33
YAP09	20	21.83
YAP09	25	34.32
YAP09	30	44.55
YAP09	35	41.10
YAP09	40	33.70
YAP09	45	28.81
YAP10	1.5	6.52
YAP10	5	6.96
YAP10	10	8.75
YAP10	15	13.77
YAP10	20	27.48
YAP10	25	44.24
YAP10	30	56.05
YAP10	35	52.80
YAP10	40	44.40
YAP11	1.5	8.39
YAP11	5	8.34
YAP11	10	8.33
YAP11	15	15.59
YAP11	20	30.86

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation)

Predicted Maximum Hourly HCL Concentration (µg/m³)

Receptor ID	Height (mAG)	Project Contribution
YAE01	1.5	0.48
YAE01	5	0.51
YAE02	1.5	0.57
YAE02	5	0.56
YAE02	10	0.56
YAE03	1.5	0.50
YAE03	5	0.49
YAE03	10	0.53
YAE04	1.5	0.42
YAE04	5	0.45
YAE04	10	0.57
YAE05	1.5	0.60
YAE05	5	0.58
YAE05	10	0.59
YAP01	1.5	0.52
YAP01	5	0.51
YAP01	10	0.60
YAP01	15	0.97
YAP01	20	1.63
YAP01	25	2.51
YAP01	30	3.22
YAP01	35	3.00
YAP01	40	2.65
YAP01	45	2.50
YAP01	50	2.03
YAP02	1.5	0.51
YAP02	5	0.51
YAP02	10	0.60
YAP02	15	0.97
YAP02	20	1.70
YAP02	25	2.62
YAP02	30	3.21
YAP02	35	2.96
YAP02	40	2.73
YAP02	45	2.38
YAP02	50	2.04
YAP02	55	1.63
YAP02	60	1.25
YAP02	65	0.87
YAP02	70	0.57
YAP03	1.5	0.49
YAP03	5	0.49
YAP03	10	0.60
YAP03	15	1.00
YAP03	20	1.70
YAP03	25	2.76
YAP03	30	3.38
YAP03	35	3.03
YAP03	40	2.75
YAP03	45	2.61
YAP03	50	2.14
YAP03	55	1.67
YAP03	60	1.28
YAP03	65	0.90
YAP03	70	0.58
YAP03	75	0.38
YAP04	1.5	0.53
YAP04	5	0.52
YAP04	10	0.60
YAP04	15	0.99
YAP04	20	1.71
YAP04	25	2.78
YAP04	30	3.38
YAP04	35	3.09
YAP04	40	2.85
YAP04	45	2.57
YAP04	50	2.12
YAP04	55	1.72
YAP04	60	1.43
YAP04	65	1.12
YAP04	70	0.81
YAP04	75	0.55
YAP05	1.5	0.60
YAP05	5	0.58
YAP05	10	0.62
YAP05	15	0.84
YAP05	20	1.25
YAP05	25	1.85

Predicted Maximum Hourly HCL Concentration (µg/m³)

Receptor ID	Height (mAG)	Project Contribution
YAP05	30	2.21
YAP05	35	2.03
YAP05	40	1.86
YAP05	45	1.79
YAP05	50	1.52
YAP05	55	1.21
YAP05	60	0.97
YAP05	65	0.76
YAP05	70	0.60
YAP05	75	0.45
YAP05	80	0.32
YAP05	85	0.24
YAP05	90	0.23
YAP06	1.5	0.58
YAP06	5	0.57
YAP06	10	0.62
YAP06	15	0.93
YAP06	20	1.43
YAP06	25	2.20
YAP06	30	2.66
YAP06	35	2.25
YAP06	40	1.87
YAP06	45	1.79
YAP06	50	1.69
YAP06	55	1.48
YAP06	60	1.18
YAP06	65	0.99
YAP07	1.5	0.51
YAP07	5	0.52
YAP07	10	0.61
YAP07	15	0.94
YAP07	20	1.64
YAP07	25	2.86
YAP07	30	3.30
YAP07	35	2.87
YAP07	40	2.45
YAP08	1.5	0.49
YAP08	5	0.48
YAP08	10	0.58
YAP08	15	1.01
YAP08	20	1.91
YAP08	25	3.63
YAP08	30	4.26
YAP08	35	3.61
YAP08	40	3.00
YAP09	1.5	0.56
YAP09	5	0.55
YAP09	10	0.62
YAP09	15	0.89
YAP09	20	1.46
YAP09	25	2.29
YAP09	30	2.97
YAP09	35	2.74
YAP09	40	2.25
YAP09	45	1.92
YAP10	1.5	0.43
YAP10	5	0.46
YAP10	10	0.58
YAP10	15	0.92
YAP10	20	1.83
YAP10	25	2.95
YAP10	30	3.74
YAP10	35	3.52
YAP10	40	2.96
YAP11	1.5	0.56
YAP11	5	0.56
YAP11	10	0.56
YAP11	15	1.04
YAP11	20	2.06

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation)

Predicted Annual HCL Concentration (µg/m³)

Receptor ID	Height (mAG)	Project Contribution
YAE01	1.5	<0.01
YAE01	5	<0.01
YAE02	1.5	0.01
YAE02	5	0.01
YAE02	10	0.01
YAE03	1.5	0.01
YAE03	5	0.01
YAE03	10	0.01
YAE04	1.5	0.01
YAE04	5	0.01
YAE04	10	0.01
YAE05	1.5	0.01
YAE05	5	0.01
YAE05	10	<0.01
YAP01	1.5	0.07
YAP01	5	0.07
YAP01	10	0.08
YAP01	15	0.10
YAP01	20	0.12
YAP01	25	0.14
YAP01	30	0.15
YAP01	35	0.13
YAP01	40	0.10
YAP01	45	0.07
YAP01	50	0.04
YAP02	1.5	0.04
YAP02	5	0.04
YAP02	10	0.05
YAP02	15	0.06
YAP02	20	0.08
YAP02	25	0.09
YAP02	30	0.10
YAP02	35	0.09
YAP02	40	0.07
YAP02	45	0.05
YAP02	50	0.03
YAP02	55	0.02
YAP02	60	0.02
YAP02	65	0.01
YAP02	70	0.01
YAP03	1.5	0.03
YAP03	5	0.03
YAP03	10	0.03
YAP03	15	0.04
YAP03	20	0.06
YAP03	25	0.07
YAP03	30	0.08
YAP03	35	0.07
YAP03	40	0.05
YAP03	45	0.04
YAP03	50	0.03
YAP03	55	0.02
YAP03	60	0.01
YAP03	65	0.01
YAP03	70	<0.01
YAP03	75	<0.01
YAP04	1.5	0.02
YAP04	5	0.02
YAP04	10	0.03
YAP04	15	0.04
YAP04	20	0.05
YAP04	25	0.06
YAP04	30	0.06
YAP04	35	0.06
YAP04	40	0.05
YAP04	45	0.03
YAP04	50	0.02
YAP04	55	0.02
YAP04	60	0.01
YAP04	65	0.01
YAP04	70	<0.01
YAP04	75	<0.01
YAP05	1.5	0.02
YAP05	5	0.02
YAP05	10	0.02
YAP05	15	0.03
YAP05	20	0.03

Predicted Annual HCL Concentration (µg/m³)

Receptor ID	Height (mAG)	Project Contribution
YAP05	25	0.04
YAP05	30	0.04
YAP05	35	0.04
YAP05	40	0.03
YAP05	45	0.02
YAP05	50	0.02
YAP05	55	0.01
YAP05	60	0.01
YAP05	65	<0.01
YAP05	70	<0.01
YAP05	75	<0.01
YAP05	80	<0.01
YAP05	85	<0.01
YAP05	90	<0.01
YAP06	1.5	0.01
YAP06	5	0.01
YAP06	10	0.01
YAP06	15	0.02
YAP06	20	0.02
YAP06	25	0.02
YAP06	30	0.03
YAP06	35	0.02
YAP06	40	0.02
YAP06	45	0.02
YAP06	50	0.01
YAP06	55	0.01
YAP06	60	<0.01
YAP06	65	<0.01
YAP07	1.5	0.01
YAP07	5	0.01
YAP07	10	0.02
YAP07	15	0.02
YAP07	20	0.02
YAP07	25	0.03
YAP07	30	0.03
YAP07	35	0.03
YAP07	40	0.03
YAP08	1.5	0.02
YAP08	5	0.02
YAP08	10	0.02
YAP08	15	0.02
YAP08	20	0.03
YAP08	25	0.04
YAP08	30	0.04
YAP08	35	0.04
YAP08	40	0.03
YAP09	1.5	0.01
YAP09	5	0.01
YAP09	10	0.01
YAP09	15	0.02
YAP09	20	0.02
YAP09	25	0.02
YAP09	30	0.03
YAP09	35	0.03
YAP09	40	0.02
YAP09	45	0.02
YAP10	1.5	0.01
YAP10	5	0.01
YAP10	10	0.01
YAP10	15	0.02
YAP10	20	0.02
YAP10	25	0.03
YAP10	30	0.03
YAP10	35	0.03
YAP10	40	0.03
YAP11	1.5	0.01
YAP11	5	0.01
YAP11	10	0.02
YAP11	15	0.02
YAP11	20	0.03

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation)

Predicted Maximum Hourly HF Concentration ( $\mu\text{g}/\text{m}^3$ )

Receptor ID	Height (mAG)	Project Contribution
YAE01	1.5	0.05
YAE01	5	0.05
YAE02	1.5	0.06
YAE02	5	0.06
YAE02	10	0.06
YAE03	1.5	0.05
YAE03	5	0.05
YAE03	10	0.05
YAE04	1.5	0.04
YAE04	5	0.05
YAE04	10	0.06
YAE05	1.5	0.06
YAE05	5	0.06
YAE05	10	0.06
YAP01	1.5	0.05
YAP01	5	0.05
YAP01	10	0.06
YAP01	15	0.10
YAP01	20	0.16
YAP01	25	0.25
YAP01	30	0.32
YAP01	35	0.30
YAP01	40	0.26
YAP01	45	0.25
YAP01	50	0.20
YAP02	1.5	0.05
YAP02	5	0.05
YAP02	10	0.06
YAP02	15	0.10
YAP02	20	0.17
YAP02	25	0.26
YAP02	30	0.32
YAP02	35	0.30
YAP02	40	0.27
YAP02	45	0.24
YAP02	50	0.20
YAP02	55	0.16
YAP02	60	0.12
YAP02	65	0.09
YAP02	70	0.06
YAP03	1.5	0.05
YAP03	5	0.05
YAP03	10	0.06
YAP03	15	0.10
YAP03	20	0.17
YAP03	25	0.28
YAP03	30	0.34
YAP03	35	0.30
YAP03	40	0.28
YAP03	45	0.26
YAP03	50	0.21
YAP03	55	0.17
YAP03	60	0.13
YAP03	65	0.09
YAP03	70	0.06
YAP03	75	0.04
YAP04	1.5	0.05
YAP04	5	0.05
YAP04	10	0.06
YAP04	15	0.10
YAP04	20	0.17
YAP04	25	0.28
YAP04	30	0.34
YAP04	35	0.31
YAP04	40	0.29
YAP04	45	0.26
YAP04	50	0.21
YAP04	55	0.17
YAP04	60	0.14
YAP04	65	0.11
YAP04	70	0.08
YAP04	75	0.05
YAP05	1.5	0.06
YAP05	5	0.06
YAP05	10	0.06
YAP05	15	0.08
YAP05	20	0.13
YAP05	25	0.18
YAP05	30	0.22

Predicted Maximum Hourly HF Concentration ( $\mu\text{g}/\text{m}^3$ )

Receptor ID	Height (mAG)	Project Contribution
YAP05	35	0.20
YAP05	40	0.19
YAP05	45	0.18
YAP05	50	0.15
YAP05	55	0.12
YAP05	60	0.10
YAP05	65	0.08
YAP05	70	0.06
YAP05	75	0.05
YAP05	80	0.03
YAP05	85	0.02
YAP05	90	0.02
YAP06	1.5	0.06
YAP06	5	0.06
YAP06	10	0.06
YAP06	15	0.09
YAP06	20	0.14
YAP06	25	0.22
YAP06	30	0.27
YAP06	35	0.23
YAP06	40	0.19
YAP06	45	0.18
YAP06	50	0.17
YAP06	55	0.15
YAP06	60	0.12
YAP06	65	0.10
YAP07	1.5	0.05
YAP07	5	0.05
YAP07	10	0.06
YAP07	15	0.09
YAP07	20	0.16
YAP07	25	0.29
YAP07	30	0.33
YAP07	35	0.29
YAP07	40	0.24
YAP08	1.5	0.05
YAP08	5	0.05
YAP08	10	0.06
YAP08	15	0.10
YAP08	20	0.19
YAP08	25	0.36
YAP08	30	0.43
YAP08	35	0.36
YAP08	40	0.30
YAP09	1.5	0.06
YAP09	5	0.06
YAP09	10	0.06
YAP09	15	0.09
YAP09	20	0.15
YAP09	25	0.23
YAP09	30	0.30
YAP09	35	0.27
YAP09	40	0.22
YAP09	45	0.19
YAP10	1.5	0.04
YAP10	5	0.05
YAP10	10	0.06
YAP10	15	0.09
YAP10	20	0.18
YAP10	25	0.29
YAP10	30	0.37
YAP10	35	0.35
YAP10	40	0.30
YAP11	1.5	0.06
YAP11	5	0.06
YAP11	10	0.06
YAP11	15	0.10
YAP11	20	0.21

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation)

Predicted Annual HF Concentration (µg/m³)

Receptor ID	Height (mAG)	Project Contribution
YAE01	1.5	<0.01
YAE01	5	<0.01
YAE02	1.5	<0.01
YAE02	5	<0.01
YAE02	10	<0.01
YAE03	1.5	<0.01
YAE03	5	<0.01
YAE03	10	<0.01
YAE04	1.5	<0.01
YAE04	5	<0.01
YAE04	10	<0.01
YAE05	1.5	<0.01
YAE05	5	<0.01
YAE05	10	<0.01
YAP01	1.5	<0.01
YAP01	5	<0.01
YAP01	10	<0.01
YAP01	15	<0.01
YAP01	20	0.01
YAP01	25	0.01
YAP01	30	0.02
YAP01	35	0.01
YAP01	40	0.01
YAP01	45	<0.01
YAP01	50	<0.01
YAP02	1.5	<0.01
YAP02	5	<0.01
YAP02	10	<0.01
YAP02	15	<0.01
YAP02	20	<0.01
YAP02	25	<0.01
YAP02	30	0.01
YAP02	35	<0.01
YAP02	40	<0.01
YAP02	45	<0.01
YAP02	50	<0.01
YAP02	55	<0.01
YAP02	60	<0.01
YAP02	65	<0.01
YAP02	70	<0.01
YAP03	1.5	<0.01
YAP03	5	<0.01
YAP03	10	<0.01
YAP03	15	<0.01
YAP03	20	<0.01
YAP03	25	<0.01
YAP03	30	<0.01
YAP03	35	<0.01
YAP03	40	<0.01
YAP03	45	<0.01
YAP03	50	<0.01
YAP03	55	<0.01
YAP03	60	<0.01
YAP03	65	<0.01
YAP03	70	<0.01
YAP03	75	<0.01
YAP04	1.5	<0.01
YAP04	5	<0.01
YAP04	10	<0.01
YAP04	15	<0.01
YAP04	20	<0.01
YAP04	25	<0.01
YAP04	30	<0.01
YAP04	35	<0.01
YAP04	40	<0.01
YAP04	45	<0.01
YAP04	50	<0.01
YAP04	55	<0.01
YAP04	60	<0.01
YAP04	65	<0.01
YAP04	70	<0.01
YAP04	75	<0.01
YAP05	1.5	<0.01
YAP05	5	<0.01
YAP05	10	<0.01
YAP05	15	<0.01
YAP05	20	<0.01

Predicted Annual HF Concentration (µg/m³)

Receptor ID	Height (mAG)	Project Contribution
YAP05	25	<0.01
YAP05	30	<0.01
YAP05	35	<0.01
YAP05	40	<0.01
YAP05	45	<0.01
YAP05	50	<0.01
YAP05	55	<0.01
YAP05	60	<0.01
YAP05	65	<0.01
YAP05	70	<0.01
YAP05	75	<0.01
YAP05	80	<0.01
YAP05	85	<0.01
YAP05	90	<0.01
YAP06	1.5	<0.01
YAP06	5	<0.01
YAP06	10	<0.01
YAP06	15	<0.01
YAP06	20	<0.01
YAP06	25	<0.01
YAP06	30	<0.01
YAP06	35	<0.01
YAP06	40	<0.01
YAP06	45	<0.01
YAP06	50	<0.01
YAP06	55	<0.01
YAP06	60	<0.01
YAP06	65	<0.01
YAP07	1.5	<0.01
YAP07	5	<0.01
YAP07	10	<0.01
YAP07	15	<0.01
YAP07	20	<0.01
YAP07	25	<0.01
YAP07	30	<0.01
YAP07	35	<0.01
YAP07	40	<0.01
YAP08	1.5	<0.01
YAP08	5	<0.01
YAP08	10	<0.01
YAP08	15	<0.01
YAP08	20	<0.01
YAP08	25	<0.01
YAP08	30	<0.01
YAP08	35	<0.01
YAP08	40	<0.01
YAP09	1.5	<0.01
YAP09	5	<0.01
YAP09	10	<0.01
YAP09	15	<0.01
YAP09	20	<0.01
YAP09	25	<0.01
YAP09	30	<0.01
YAP09	35	<0.01
YAP09	40	<0.01
YAP09	45	<0.01
YAP10	1.5	<0.01
YAP10	5	<0.01
YAP10	10	<0.01
YAP10	15	<0.01
YAP10	20	<0.01
YAP10	25	<0.01
YAP10	30	<0.01
YAP10	35	<0.01
YAP10	40	<0.01
YAP11	1.5	<0.01
YAP11	5	<0.01
YAP11	10	<0.01
YAP11	15	<0.01
YAP11	20	<0.01

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation)

**Predicted Maximum 30-minute Formaldehyde Concentration (µg/m3)**

Receptor ID	Height (mAG)	Project Contribution
YAE01	1.5	0.95
YAE01	5	1.00
YAE02	1.5	1.12
YAE02	5	1.12
YAE02	10	1.11
YAE03	1.5	0.98
YAE03	5	0.97
YAE03	10	1.05
YAE04	1.5	0.84
YAE04	5	0.89
YAE04	10	1.13
YAE05	1.5	1.19
YAE05	5	1.14
YAE05	10	1.17
YAP01	1.5	1.02
YAP01	5	1.01
YAP01	10	1.19
YAP01	15	1.91
YAP01	20	3.22
YAP01	25	4.96
YAP01	30	6.35
YAP01	35	5.93
YAP01	40	5.22
YAP01	45	4.94
YAP01	50	4.01
YAP02	1.5	1.00
YAP02	5	1.00
YAP02	10	1.18
YAP02	15	1.92
YAP02	20	3.36
YAP02	25	5.18
YAP02	30	6.33
YAP02	35	5.84
YAP02	40	5.39
YAP02	45	4.69
YAP02	50	4.02
YAP02	55	3.23
YAP02	60	2.46
YAP02	65	1.73
YAP02	70	1.12
YAP03	1.5	0.96
YAP03	5	0.96
YAP03	10	1.18
YAP03	15	1.98
YAP03	20	3.36
YAP03	25	5.44
YAP03	30	6.68
YAP03	35	5.97
YAP03	40	5.44
YAP03	45	5.15
YAP03	50	4.22
YAP03	55	3.30
YAP03	60	2.53
YAP03	65	1.78
YAP03	70	1.15
YAP03	75	0.76
YAP04	1.5	1.04
YAP04	5	1.03
YAP04	10	1.18
YAP04	15	1.95
YAP04	20	3.37
YAP04	25	5.49
YAP04	30	6.67
YAP04	35	6.09
YAP04	40	5.63
YAP04	45	5.08
YAP04	50	4.19
YAP04	55	3.40
YAP04	60	2.83
YAP04	65	2.20
YAP04	70	1.60
YAP04	75	1.08
YAP05	1.5	1.18
YAP05	5	1.14
YAP05	10	1.23
YAP05	15	1.65
YAP05	20	2.47

**Predicted Maximum 30-minute Formaldehyde Concentration (µg/m3)**

Receptor ID	Height (mAG)	Project Contribution
YAP05	25	3.64
YAP05	30	4.35
YAP05	35	4.01
YAP05	40	3.68
YAP05	45	3.53
YAP05	50	3.00
YAP05	55	2.39
YAP05	60	1.92
YAP05	65	1.51
YAP05	70	1.19
YAP05	75	0.89
YAP05	80	0.64
YAP05	85	0.47
YAP05	90	0.46
YAP06	1.5	1.15
YAP06	5	1.13
YAP06	10	1.23
YAP06	15	1.83
YAP06	20	2.83
YAP06	25	4.35
YAP06	30	5.25
YAP06	35	4.44
YAP06	40	3.70
YAP06	45	3.54
YAP06	50	3.35
YAP06	55	2.91
YAP06	60	2.34
YAP06	65	1.95
YAP07	1.5	1.01
YAP07	5	1.03
YAP07	10	1.20
YAP07	15	1.85
YAP07	20	3.24
YAP07	25	5.65
YAP07	30	6.51
YAP07	35	5.67
YAP07	40	4.83
YAP08	1.5	0.96
YAP08	5	0.96
YAP08	10	1.14
YAP08	15	1.99
YAP08	20	3.76
YAP08	25	7.17
YAP08	30	8.42
YAP08	35	7.13
YAP08	40	5.91
YAP09	1.5	1.10
YAP09	5	1.09
YAP09	10	1.22
YAP09	15	1.75
YAP09	20	2.87
YAP09	25	4.52
YAP09	30	5.86
YAP09	35	5.41
YAP09	40	4.44
YAP09	45	3.79
YAP10	1.5	0.86
YAP10	5	0.92
YAP10	10	1.15
YAP10	15	1.81
YAP10	20	3.62
YAP10	25	5.82
YAP10	30	7.38
YAP10	35	6.95
YAP10	40	5.84
YAP11	1.5	1.10
YAP11	5	1.10
YAP11	10	1.10
YAP11	15	2.05
YAP11	20	4.06

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation)

Predicted Annual Formaldehyde Concentration (µg/m3)

Receptor ID	Height (mAG)	Project Contribution
YAE01	1.5	0.01
YAE01	5	0.01
YAE02	1.5	0.02
YAE02	5	0.02
YAE02	10	0.02
YAE03	1.5	0.02
YAE03	5	0.02
YAE03	10	0.02
YAE04	1.5	0.02
YAE04	5	0.02
YAE04	10	0.02
YAE05	1.5	0.02
YAE05	5	0.01
YAE05	10	0.01
YAP01	1.5	0.09
YAP01	5	0.09
YAP01	10	0.11
YAP01	15	0.13
YAP01	20	0.17
YAP01	25	0.20
YAP01	30	0.21
YAP01	35	0.19
YAP01	40	0.14
YAP01	45	0.09
YAP01	50	0.06
YAP02	1.5	0.06
YAP02	5	0.06
YAP02	10	0.07
YAP02	15	0.08
YAP02	20	0.11
YAP02	25	0.13
YAP02	30	0.14
YAP02	35	0.13
YAP02	40	0.10
YAP02	45	0.06
YAP02	50	0.04
YAP02	55	0.03
YAP02	60	0.02
YAP02	65	0.02
YAP02	70	0.01
YAP03	1.5	0.04
YAP03	5	0.04
YAP03	10	0.05
YAP03	15	0.06
YAP03	20	0.08
YAP03	25	0.10
YAP03	30	0.11
YAP03	35	0.10
YAP03	40	0.08
YAP03	45	0.05
YAP03	50	0.04
YAP03	55	0.03
YAP03	60	0.02
YAP03	65	0.02
YAP03	70	0.01
YAP03	75	0.01
YAP04	1.5	0.03
YAP04	5	0.03
YAP04	10	0.04
YAP04	15	0.05
YAP04	20	0.07
YAP04	25	0.08
YAP04	30	0.09
YAP04	35	0.08
YAP04	40	0.07
YAP04	45	0.05
YAP04	50	0.03
YAP04	55	0.02
YAP04	60	0.02
YAP04	65	0.01
YAP04	70	0.01
YAP04	75	0.01
YAP05	1.5	0.03
YAP05	5	0.03
YAP05	10	0.03
YAP05	15	0.04
YAP05	20	0.05

Predicted Annual Formaldehyde Concentration (µg/m3)

Receptor ID	Height (mAG)	Project Contribution
YAP05	25	0.06
YAP05	30	0.06
YAP05	35	0.06
YAP05	40	0.05
YAP05	45	0.03
YAP05	50	0.03
YAP05	55	0.02
YAP05	60	0.01
YAP05	65	0.01
YAP05	70	0.01
YAP05	75	0.01
YAP05	80	0.01
YAP05	85	0.01
YAP05	90	0.01
YAP06	1.5	0.02
YAP06	5	0.02
YAP06	10	0.02
YAP06	15	0.02
YAP06	20	0.03
YAP06	25	0.03
YAP06	30	0.04
YAP06	35	0.03
YAP06	40	0.03
YAP06	45	0.02
YAP06	50	0.02
YAP06	55	0.02
YAP06	60	0.01
YAP06	65	0.01
YAP07	1.5	0.02
YAP07	5	0.02
YAP07	10	0.02
YAP07	15	0.03
YAP07	20	0.03
YAP07	25	0.04
YAP07	30	0.04
YAP07	35	0.04
YAP07	40	0.04
YAP08	1.5	0.02
YAP08	5	0.02
YAP08	10	0.03
YAP08	15	0.03
YAP08	20	0.04
YAP08	25	0.05
YAP08	30	0.05
YAP08	35	0.05
YAP08	40	0.04
YAP09	1.5	0.02
YAP09	5	0.02
YAP09	10	0.02
YAP09	15	0.02
YAP09	20	0.03
YAP09	25	0.03
YAP09	30	0.04
YAP09	35	0.04
YAP09	40	0.03
YAP09	45	0.02
YAP10	1.5	0.02
YAP10	5	0.02
YAP10	10	0.02
YAP10	15	0.03
YAP10	20	0.03
YAP10	25	0.04
YAP10	30	0.05
YAP10	35	0.04
YAP10	40	0.04
YAP11	1.5	0.02
YAP11	5	0.02
YAP11	10	0.02
YAP11	15	0.03
YAP11	20	0.04

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation)

Cumulative Maximum Predicted 5-second Average Odour Concentration, OU/m<sup>3</sup>

Receptor ID	Height (mAG)	Project Contribution	Chicken Farm Contribution	Cumulative Odour Concentration
YAE01	1.5	0.02	6.68	6.70
YAE01	5	0.13	5.74	5.87
YAE02	1.5	<0.01	6.34	6.34
YAE02	5	<0.01	5.81	5.81
YAE02	10	<0.01	5.55	5.55
YAE03	1.5	<0.01	4.26	4.26
YAE03	5	<0.01	4.01	4.01
YAE03	10	<0.01	4.44	4.45
YAE04	1.5	<0.01	3.06	3.06
YAE04	5	<0.01	2.94	2.95
YAE04	10	<0.01	3.46	3.46
YAE05	1.5	0.48	0.10	0.58
YAE05	5	0.47	0.10	0.57
YAE05	10	<0.01	0.92	0.92
YAP01	1.5	0.57	0.13	0.69
YAP01	5	0.02	0.66	0.67
YAP01	10	0.02	0.89	0.91
YAP01	15	0.04	0.89	0.94
YAP01	20	0.01	0.97	0.98
YAP01	25	<0.01	0.87	0.87
YAP01	30	<0.01	0.63	0.63
YAP01	35	<0.01	0.36	0.36
YAP01	40	<0.01	0.19	0.19
YAP01	45	<0.01	0.15	0.15
YAP01	50	0.02	0.12	0.14
YAP02	1.5	<0.01	1.03	1.03
YAP02	5	<0.01	1.02	1.02
YAP02	10	<0.01	1.52	1.53
YAP02	15	<0.01	1.55	1.55
YAP02	20	<0.01	1.45	1.45
YAP02	25	<0.01	1.13	1.13
YAP02	30	<0.01	0.73	0.73
YAP02	35	<0.01	0.39	0.40
YAP02	40	<0.01	0.28	0.28
YAP02	45	<0.01	0.26	0.26
YAP02	50	<0.01	0.25	0.25
YAP02	55	<0.01	0.25	0.25
YAP02	60	<0.01	0.24	0.25
YAP02	65	<0.01	0.24	0.24
YAP02	70	<0.01	0.23	0.23
YAP03	1.5	<0.01	1.09	1.09
YAP03	5	<0.01	1.08	1.08
YAP03	10	<0.01	1.58	1.58
YAP03	15	<0.01	1.65	1.65
YAP03	20	<0.01	1.51	1.52
YAP03	25	<0.01	1.14	1.14
YAP03	30	<0.01	0.70	0.70
YAP03	35	<0.01	0.46	0.46
YAP03	40	<0.01	0.42	0.42
YAP03	45	<0.01	0.39	0.39
YAP03	50	<0.01	0.36	0.36
YAP03	55	<0.01	0.33	0.33
YAP03	60	<0.01	0.30	0.30
YAP03	65	<0.01	0.26	0.26
YAP03	70	<0.01	0.23	0.23
YAP03	75	<0.01	0.21	0.21
YAP04	1.5	<0.01	1.23	1.23
YAP04	5	<0.01	1.21	1.21
YAP04	10	<0.01	1.75	1.75
YAP04	15	<0.01	1.77	1.77
YAP04	20	<0.01	1.60	1.60
YAP04	25	<0.01	1.17	1.17
YAP04	30	<0.01	0.70	0.70
YAP04	35	<0.01	0.46	0.46
YAP04	40	<0.01	0.43	0.43
YAP04	45	<0.01	0.40	0.40
YAP04	50	<0.01	0.36	0.36
YAP04	55	<0.01	0.33	0.33
YAP04	60	<0.01	0.29	0.29
YAP04	65	<0.01	0.25	0.25
YAP04	70	<0.01	0.22	0.22
YAP04	75	<0.01	0.21	0.21
YAP05	1.5	<0.01	0.90	0.90
YAP05	5	<0.01	0.89	0.89
YAP05	10	<0.01	1.34	1.34
YAP05	15	<0.01	1.40	1.41
YAP05	20	<0.01	1.34	1.34

Cumulative Maximum Predicted 5-second Average Odour Concentration, OU/m<sup>3</sup>

Receptor ID	Height (mAG)	Project Contribution	Chicken Farm Contribution	Cumulative Odour Concentration
YAP05	25	<0.01	1.07	1.07
YAP05	30	<0.01	0.72	0.72
YAP05	35	<0.01	0.41	0.41
YAP05	40	<0.01	0.19	0.19
YAP05	45	<0.01	0.17	0.17
YAP05	50	<0.01	0.16	0.16
YAP05	55	<0.01	0.15	0.15
YAP05	60	<0.01	0.15	0.15
YAP05	65	<0.01	0.14	0.14
YAP05	70	<0.01	0.13	0.13
YAP05	75	<0.01	0.13	0.13
YAP05	80	<0.01	0.12	0.12
YAP05	85	<0.01	0.11	0.12
YAP05	90	<0.01	0.11	0.12
YAP06	1.5	<0.01	1.16	1.16
YAP06	5	<0.01	1.15	1.15
YAP06	10	<0.01	1.64	1.64
YAP06	15	<0.01	1.65	1.65
YAP06	20	<0.01	1.54	1.54
YAP06	25	<0.01	1.18	1.18
YAP06	30	<0.01	0.74	0.74
YAP06	35	<0.01	0.38	0.38
YAP06	40	<0.01	0.23	0.23
YAP06	45	<0.01	0.22	0.22
YAP06	50	<0.01	0.20	0.20
YAP06	55	<0.01	0.19	0.19
YAP06	60	<0.01	0.17	0.17
YAP06	65	<0.01	0.17	0.17
YAP07	1.5	<0.01	1.41	1.41
YAP07	5	<0.01	1.38	1.39
YAP07	10	<0.01	1.99	1.99
YAP07	15	<0.01	2.00	2.00
YAP07	20	<0.01	1.76	1.76
YAP07	25	<0.01	1.22	1.22
YAP07	30	<0.01	0.68	0.68
YAP07	35	<0.01	0.31	0.31
YAP07	40	<0.01	0.29	0.29
YAP08	1.5	<0.01	1.61	1.61
YAP08	5	<0.01	1.58	1.58
YAP08	10	<0.01	2.24	2.24
YAP08	15	<0.01	2.23	2.24
YAP08	20	<0.01	1.87	1.87
YAP08	25	<0.01	1.21	1.21
YAP08	30	<0.01	0.60	0.60
YAP08	35	<0.01	0.32	0.32
YAP08	40	<0.01	0.30	0.30
YAP09	1.5	<0.01	1.57	1.57
YAP09	5	<0.01	1.54	1.54
YAP09	10	<0.01	2.06	2.06
YAP09	15	<0.01	2.08	2.09
YAP09	20	<0.01	1.77	1.78
YAP09	25	<0.01	1.18	1.18
YAP09	30	<0.01	0.62	0.62
YAP09	35	<0.01	0.30	0.30
YAP09	40	<0.01	0.29	0.29
YAP09	45	<0.01	0.28	0.28
YAP10	1.5	<0.01	2.25	2.25
YAP10	5	<0.01	2.19	2.19
YAP10	10	<0.01	2.83	2.83
YAP10	15	<0.01	2.75	2.76
YAP10	20	<0.01	2.02	2.02
YAP10	25	<0.01	1.07	1.07
YAP10	30	<0.01	0.53	0.53
YAP10	35	<0.01	0.46	0.46
YAP10	40	<0.01	0.38	0.38
YAP11	1.5	<0.01	3.02	3.02
YAP11	5	<0.01	2.91	2.91
YAP11	10	<0.01	3.62	3.63
YAP11	15	<0.01	3.30	3.30
YAP11	20	<0.01	2.05	2.05

Note: Bolded value indicates exceedance of the criteria at 5 ou/m<sup>3</sup>

Appendix 3.9 Detailed Prediction Results (Operation Phase)

YLSEPP (Operation)

Predicted Maximum Project Alone 5-second Average Odour Concentration, OU/m<sup>3</sup>

Receptor ID	Height (mAG)	Maximum Project-Alone Contribution
YAE01	1.5	0.51
YAE01	5	0.49
YAE02	1.5	0.55
YAE02	5	0.54
YAE02	10	0.49
YAE03	1.5	0.63
YAE03	5	0.60
YAE03	10	0.55
YAE04	1.5	0.64
YAE04	5	0.61
YAE04	10	0.55
YAE05	1.5	0.48
YAE05	5	0.47
YAE05	10	0.42
YAP01	1.5	0.57
YAP01	5	0.55
YAP01	10	0.49
YAP01	15	0.40
YAP01	20	0.30
YAP01	25	0.21
YAP01	30	0.12
YAP01	35	0.08
YAP01	40	0.07
YAP01	45	0.07
YAP01	50	0.07
YAP02	1.5	0.66
YAP02	5	0.67
YAP02	10	0.64
YAP02	15	0.48
YAP02	20	0.31
YAP02	25	0.25
YAP02	30	0.16
YAP02	35	0.08
YAP02	40	0.06
YAP02	45	0.06
YAP02	50	0.05
YAP02	55	0.05
YAP02	60	0.04
YAP02	65	0.04
YAP02	70	0.04
YAP03	1.5	0.59
YAP03	5	0.63
YAP03	10	0.70
YAP03	15	0.57
YAP03	20	0.34
YAP03	25	0.25
YAP03	30	0.15
YAP03	35	0.08
YAP03	40	0.07
YAP03	45	0.07
YAP03	50	0.06
YAP03	55	0.05
YAP03	60	0.05
YAP03	65	0.04
YAP03	70	0.04
YAP03	75	0.03
YAP04	1.5	0.51
YAP04	5	0.57
YAP04	10	0.65
YAP04	15	0.58
YAP04	20	0.37
YAP04	25	0.26
YAP04	30	0.15
YAP04	35	0.08
YAP04	40	0.08
YAP04	45	0.07
YAP04	50	0.06
YAP04	55	0.05
YAP04	60	0.05
YAP04	65	0.04
YAP04	70	0.04
YAP04	75	0.04
YAP05	1.5	0.38
YAP05	5	0.38
YAP05	10	0.38
YAP05	15	0.34
YAP05	20	0.26

Predicted Maximum Project Alone 5-second Average Odour Concentration, OU/m<sup>3</sup>

Receptor ID	Height (mAG)	Maximum Project Alone Contribution
YAP05	25	0.19
YAP05	30	0.13
YAP05	35	0.08
YAP05	40	0.05
YAP05	45	0.05
YAP05	50	0.04
YAP05	55	0.04
YAP05	60	0.04
YAP05	65	0.04
YAP05	70	0.03
YAP05	75	0.03
YAP05	80	0.03
YAP05	85	0.02
YAP05	90	0.02
YAP06	1.5	0.37
YAP06	5	0.38
YAP06	10	0.36
YAP06	15	0.37
YAP06	20	0.31
YAP06	25	0.22
YAP06	30	0.16
YAP06	35	0.10
YAP06	40	0.06
YAP06	45	0.05
YAP06	50	0.05
YAP06	55	0.05
YAP06	60	0.04
YAP06	65	0.04
YAP07	1.5	0.48
YAP07	5	0.48
YAP07	10	0.45
YAP07	15	0.49
YAP07	20	0.39
YAP07	25	0.27
YAP07	30	0.17
YAP07	35	0.10
YAP07	40	0.09
YAP08	1.5	0.62
YAP08	5	0.59
YAP08	10	0.55
YAP08	15	0.69
YAP08	20	0.52
YAP08	25	0.31
YAP08	30	0.18
YAP08	35	0.11
YAP08	40	0.10
YAP09	1.5	0.71
YAP09	5	0.69
YAP09	10	0.60
YAP09	15	0.48
YAP09	20	0.35
YAP09	25	0.24
YAP09	30	0.16
YAP09	35	0.09
YAP09	40	0.07
YAP09	45	0.06
YAP10	1.5	0.81
YAP10	5	0.78
YAP10	10	0.67
YAP10	15	0.52
YAP10	20	0.38
YAP10	25	0.26
YAP10	30	0.16
YAP10	35	0.10
YAP10	40	0.10
YAP11	1.5	0.78
YAP11	5	0.75
YAP11	10	0.67
YAP11	15	0.54
YAP11	20	0.40