

***N.LST Filename : Predicted Hourly NO₂ Concentration Contribution from Road Segments

Background NO₂ = 51 µg/m³

SR#	Northing	Easting	Elevation mPD	T01N	T02N	O01N	O02N	O03N	O04N	Sum	Predicted	Predicted NO ₂	Predicted NO ₂	Exceedance?
											NO ₂ / ppm	/ µg/m ³	+Bkg / µg/m ³	
SR01	832815.6	838702.3	9.6	11.41	5.74	19.87	1.64	14.24	0.08	52.98	0.0530	99.7	150.7	
SR02	832958.8	838483	4.5	12.56	6.74	18.13	1.85	27.76	0.08	67.12	0.0671	126.3	177.3	
SR03	832992.9	838637.3	4	15.53	7.88	24.36	1.67	18.62	0.08	68.14	0.0681	128.2	179.2	
SR04	832668.1	838929.9	3.9	10.54	3.62	16.65	1.53	11.05	0.07	43.46	0.0435	81.8	132.8	
SR07	833384.6	838651.9	8.6	49.66	19.43	14.82	1.78	24.78	0	110.47	0.1105	207.8	258.8	
SR09	833621.5	838357.4	5.1	39.83	6.89	10.09	1.81	21.4	0	80.02	0.0800	150.5	201.5	
SR11	833906.7	837945.2	0.3	91.85	34.56	N/A	N/A	N/A	N/A	126.41	0.1264	237.8	288.8	
SR17B	833738.5	836634.2	7.2	50.82	39.98	2.83	3.29	4.9	0.17	101.99	0.1020	191.9	242.9	
SR20	833730.4	836186.5	4.4	31.32	8.88	4.11	5.31	3.75	0	53.37	0.0534	100.4	151.4	
SR22	833310.8	835997.1	2.4	42.79	35.05	7.65	14.33	10.54	0.23	110.59	0.1106	208.1	259.1	
SR23	833295.1	835868.1	2.9	74.79	36.82	N/A	N/A	N/A	N/A	111.61	0.1116	210.0	261.0	
SR25	833011.3	835521.2	6	26.16	9.59	5.6	25.35	15.99	0.27	82.96	0.0830	156.1	207.1	
SR28	833801.9	834667.1	5.4	75.39	25.29	N/A	N/A	N/A	N/A	100.68	0.1007	189.4	240.4	
SR29	833959.8	834768.6	7	23.69	8.25	9.06	9.44	10.03	1.66	62.13	0.0621	116.9	167.9	
SR31	834198.1	834445.9	6.8	19.51	14.97	16.36	38.89	7.24	4.52	101.49	0.1015	190.9	241.9	
SR33	834122.9	834154.8	3.7	61.69	3.81	5.74	17.65	3.91	6.25	99.05	0.0991	186.4	237.4	
SR34	833951.5	834078.6	20.3	32.8	2.89	4.25	7.15	3.04	4.17	54.3	0.0543	102.2	153.2	
SR35	834183.8	834144	8.9	50.22	2.97	4.91	8.81	3.81	23.05	93.77	0.0938	176.4	227.4	
SR36	834427.6	833704.3	7.4	93.52	2.05	6.23	14.25	2.49	1.33	119.87	0.1199	225.5	276.5	
SR39	835903.9	833771	8.8	39.57	4.61	11.52	11.35	1.26	3.67	71.98	0.0720	135.4	186.4	
SR43	835364.5	833624.3	8.3	23.61	4.44	12.56	11.82	1.45	3.36	57.24	0.0572	107.7	158.7	
SR45	835531.8	833671.8	7.1	35.73	3.19	21.7	18.84	1.37	8.46	89.29	0.0893	168.0	219.0	
SR47	836216.1	834105.4	3.9	37.47	16.43	35.03	8.62	1.27	0.34	99.16	0.0992	186.6	237.6	
SR54	836343.3	833756.9	0	24.97	13.04	21.9	7.13	1.16	1.43	69.63	0.0696	131.0	182.0	
SR55	834512	833565	18.8	42.14	1.72	6.32	20.76	2.21	0.87	74.02	0.0740	139.3	190.3	
SR56	834560.4	833481.7	6.7	41.13	1.87	6.35	17.08	2.11	0.74	69.28	0.0693	130.3	181.3	
SR57	835186.8	833452.6	8.5	25.12	7.33	8.72	12.79	1.43	1.66	57.05	0.0571	107.3	158.3	
SR61	835143.3	833463.2	0.2	18.79	5.15	8.7	14.72	1.85	1.57	50.78	0.0508	95.5	146.5	
SR62	834869.7	833294.3	3.8	72.58	5.39	6.62	12.8	2.68	0.47	100.54	0.1005	189.2	240.2	
SR64	835424.8	833403.6	5.8	63.03	10.76	8.09	8.74	1.33	2.07	94.02	0.0940	176.9	227.9	
SR66	835286.6	833553.1	1.1	23.57	6.52	10.54	16.21	1.44	2.41	60.69	0.0607	114.2	165.2	
SR68	836294	834236.9	0.1	20.98	7.41	40.08	7.4	1.29	1.11	78.27	0.0783	147.3	198.3	
SR69	836339.6	834281.7	0.5	18.83	6.27	28.49	6.88	1.29	0.98	62.74	0.0627	118.0	169.0	
SR70	836214.5	834287	4	18	7.8	36.66	8.09	1.33	1.23	73.11	0.0731	137.5	188.5	
SR71	836350.8	834501.4	0.7	11.77	4.1	27.63	6.2	1.36	0.75	51.81	0.0518	97.5	148.5	
SR72	836591.4	834529.8	1.5	11.59	3.74	14.89	4.88	1.3	0.21	36.61	0.0366	68.9	119.9	
SR73	836473.1	834039.9	8.9	35.91	13.44	35.15	6.26	1.2	0.81	92.77	0.0928	174.5	225.5	
SR74	836409.1	834014.7	8.9	43.98	20.06	49.61	6.75	1.2	0.95	122.55	0.1226	230.6	281.6	
SR75	832917.9	838842.6	9.9	17.75	11.25	27.34	1.71	18.64	0.08	76.77	0.0768	144.4	195.4	
SR77	833987.6	837405.8	5.4	46.54	12.32	2.64	2.24	24.02	0.12	87.88	0.0879	165.3	216.3	
SR78	834642.6	833475.9	14.8	30.19	2.03	6.68	14.8	2.1	1	56.8	0.0568	106.9	157.9	
SR100	836803.2	833546.4	10.2	19.88	24.9	14.37	4.97	1.04	0.66	65.82	0.0658	123.8	174.8	

***RD.LST Filename : Predicted Daytime Hourly RSP Concentration Contribution from Road Segments

Background RSP = 50 µg/m³

DAY

SR#	Northing	Easting	Elevation mPD	Sum								Predicted Daily		Exceedance?
				T01RD	T02RD	O01RD	O02RD	O03RD	O04RD	(DAY)	RSP µg/m ³	RSP + Bkg µg/m ³		
SR01	832815.6	838702.3	9.6	14.7	1	19.8	0.6	2.7	0	38.8	34.5	84.5		
SR02	832958.8	838483	4.5	15.2	1.1	12.4	0.7	7.3	0.08	36.8	32.8	82.8		
SR03	832992.9	838637.3	4	20.5	1.3	24.3	0.6	4.6	0	51.3	44.8	94.8		
SR04	832668.1	838929.9	3.9	13.3	0.6	13.9	0.5	2.6	0	30.9	28.7	78.7		
SR07	833384.6	838651.9	8.6	59.2	3.1	13.9	0.6	5.7	0	82.5	73.0	123.0		
SR09	833621.5	838357.4	5.1	47.7	1.1	6.8	0.7	5	0	61.3	52.5	102.5		
SR11	833906.7	837945.2	0.3	99	1.4	5.9	0.7	4.3	0.1	111.4	99.5	149.5		
SR17B	833738.5	836634.2	7.2	60.2	8.4	1.2	1.4	0.9	0.17	72.3	62.6	112.6		
SR20	833730.4	836186.5	4.4	37.3	2.1	0.8	2.4	0.7	0	43.3	42.8	92.8		
SR22	833310.8	835997.1	2.4	50.4	8.6	1.8	5.8	2.2	0	68.8	60.8	110.8		
SR23	833295.1	835868.1	2.9	83.7	9.7	2.2	13.2	2.6	0	111.4	97.8	147.8		
SR25	833011.3	835521.2	6	30.9	2.9	2.4	14.9	6.3	0.27	57.7	53.1	103.1		
SR28	833801.9	834667.1	5.4	104.7	2	5.5	3.3	0.6	1.19	117.3	92.1	142.1		
SR29	833959.8	834768.6	7	31.9	1.2	2.9	3.4	1.4	1.66	42.5	36.2	86.2		
SR31	834198.1	834445.9	6.8	25.1	5	6.2	13.3	1.1	0.5	51.2	46.2	96.2		
SR33	834122.9	834154.8	3.7	78.7	0.8	2.3	5.7	0.6	0.5	88.6	72.3	122.3		
SR34	833951.5	834078.6	20.3	41.1	0.5	1.4	2.4	0.5	0.3	46.2	39.1	89.1		
SR35	834183.8	834144	8.9	63.8	0.7	1.9	3.1	0.6	1.8	71.9	59.3	109.3		
SR36	834427.6	833704.3	7.4	117.7	0.5	2	1.8	0.4	0.1	122.5	96.8	146.8		
SR39	835903.9	833771	8.8	47.8	1.8	4.1	2.1	0.3	0.3	56.4	49.0	99.0		
SR43	835364.5	833624.3	8.3	26.2	1	3.9	2.4	0.3	3.36	37.2	33.6	83.6		
SR45	835531.8	833671.8	7.1	39.8	1.2	5.1	3	0.3	8.46	57.9	49.2	99.2		
SR47	836216.1	834105.4	3.9	39.1	7.3	14.6	1.5	0.3	0	62.8	58.3	108.3		
SR54	836343.3	833756.9	0	20.2	6.7	8.4	1.4	0.2	0.1	37.0	36.2	86.2		
SR55	834512	833565	18.8	53.1	0.6	2	2	0.4	0.1	58.2	48.9	98.9		
SR56	834560.4	833481.7	6.7	52.6	0.6	2	1.9	0.4	0.1	57.6	49.7	99.7		
SR57	835186.8	833452.6	8.5	28.6	0.9	2.8	2.2	0.3	0.1	34.9	32.0	82.0		
SR61	835143.3	833463.2	0.2	24.1	0.8	2.8	2.6	0.3	0.1	30.7	26.5	76.5		
SR62	834869.7	833294.3	3.8	91.1	1.1	2.1	2	0.3	0	96.6	76.5	126.5		
SR64	835424.8	833403.6	5.8	81.5	1.1	2.5	1.7	0.3	0.2	87.3	70.1	120.1		
SR66	835286.6	833553.1	1.1	26.6	0.9	3.3	2.1	0.3	0.2	33.4	31.2	81.2		
SR68	836294	834236.9	0.1	24.8	3.7	19.5	1.3	0.3	0.1	49.7	43.9	93.9		
SR69	836339.6	834281.7	0.5	22.1	3.2	12.3	1.2	0.3	0.1	39.2	36.9	86.9		
SR70	836214.5	834287	4	21.2	3.6	17.3	1.3	0.3	0.1	43.8	40.7	90.7		
SR71	836350.8	834501.4	0.7	13.9	2.2	12.6	1.2	0.3	0.1	30.3	28.9	78.9		
SR72	836591.4	834529.8	1.5	13.2	2	5.8	1	0.3	0	22.3	23.0	73.0		
SR73	836473.1	834039.9	8.9	38.5	5.6	11.6	1.2	0.2	0.1	57.2	55.9	105.9		
SR74	836409.1	834014.7	8.9	46.7	6.9	16.1	1.3	0.2	0.1	71.3	68.5	118.5		
SR75	832917.9	838842.6	9.9	21.5	1.9	19	0.6	4.8	0	47.8	44.5	94.5		
SR77	833987.6	837405.8	5.4	55.2	2.7	1.9	0.8	5.1	0.12	65.8	61.1	111.1		
SR78	834642.6	833475.9	14.8	38.1	0.6	2.1	2.4	0.4	0.1	43.7	38.8	88.8		
SR100	836803.2	833546.4	10.2	18	15.3	7.5	1.1	0.2	0.1	42.2	42.8	92.8		

***RN.LST Filename : Predicted Night-time Hourly RSP Concentration Contribution from Road Segments

NIGHT

SR#	Northing	Easting	Elevation mPD	Sum							
				T01RN	T02RN	O01RN	O02RN	O03RN	O04RN	(NIGHT)	
SR01	832815.6	838702.3	9.6	11	2	12.7	1	2.7	0	29.4	
SR02	832958.8	838483	4.5	10.8	1.7	9.3	1.1	5.3	0	28.2	
SR03	832992.9	838637.3	4	12.5	2.1	17.6	1	4	0	37.2	
SR04	832668.1	838929.9	3.9	11.8	1.4	9.2	1	2.8	0	26.2	
SR07	833384.6	838651.9	8.6	39.1	4	12.7	1.1	4.9	0	61.8	
SR09	833621.5	838357.4	5.1	26.5	2.2	7.2	1	5.1	0	42.0	
SR11	833906.7	837945.2	0.3	73.9	1.7	5.3	1	3.6	0	85.5	
SR17B	833738.5	836634.2	7.2	41	5.4	1.9	1.4	1.5	0	51.2	
SR20	833730.4	836186.5	4.4	34.9	1.9	1.3	3	1.1	0	42.2	
SR22	833310.8	835997.1	2.4	37.1	5	2.5	4.6	2.1	0	51.3	
SR23	833295.1	835868.1	2.9	59.7	6.3	2.5	10.9	2.3	0.1	81.8	
SR25	833011.3	835521.2	6	26.2	2.7	1.5	11.5	5.7	0	47.6	
SR28	833801.9	834667.1	5.4	49.2	4.1	4.5	3.5	0.9	0.2	62.4	
SR29	833959.8	834768.6	7	19.4	2.2	1.9	3.1	2	0.3	28.9	
SR31	834198.1	834445.9	6.8	16.8	4.1	5.5	11.6	1.7	0.5	40.2	
SR33	834122.9	834154.8	3.7	41.7	1.3	2.3	6.1	1.1	0.6	53.1	
SR34	833951.5	834078.6	20.3	23.7	1.2	1.9	2.6	0.8	0.4	30.6	
SR35	834183.8	834144	8.9	34.6	1.3	2.1	3.1	1.1	2.2	44.4	
SR36	834427.6	833704.3	7.4	59.1	1.5	2.8	2	0.9	0.2	66.5	
SR39	835903.9	833771	8.8	29.2	3.6	3.8	2.5	0.6	0.5	40.2	
SR43	835364.5	833624.3	8.3	18.6	2.4	4.3	3	0.6	0.4	29.3	
SR45	835531.8	833671.8	7.1	26	2.6	5.9	2.9	0.6	0.9	38.9	
SR47	836216.1	834105.4	3.9	28.1	11.1	10.6	2.5	0.6	0.1	53.0	
SR54	836343.3	833756.9	0	13.8	11.4	6.8	2.4	0.6	0.3	35.3	
SR55	834512	833565	18.8	31	1.5	2.7	1.8	0.8	0.1	37.9	
SR56	834560.4	833481.7	6.7	33	1.6	2.9	2	0.8	0.1	40.4	
SR57	835186.8	833452.6	8.5	19.4	2.1	3.5	2.6	0.6	0.3	28.5	
SR61	835143.3	833463.2	0.2	12.3	2	3.5	2.9	0.6	0.3	21.6	
SR62	834869.7	833294.3	3.8	44.4	2.2	2.9	2.4	0.7	0.1	52.7	
SR64	835424.8	833403.6	5.8	41.1	2.3	3.1	2.4	0.5	0.3	49.7	
SR66	835286.6	833553.1	1.1	18.6	2.3	4	2.7	0.6	0.4	28.6	
SR68	836294	834236.9	0.1	18.5	6.7	9	2	0.6	0.2	37.0	
SR69	836339.6	834281.7	0.5	17	6.1	8.2	2	0.6	0.2	34.1	
SR70	836214.5	834287	4	16.4	6.5	11.2	2.1	0.7	0.2	37.1	
SR71	836350.8	834501.4	0.7	11.7	4.6	8.2	1.9	0.7	0.2	27.3	
SR72	836591.4	834529.8	1.5	11.5	4.2	5.8	1.7	0.6	0	23.8	
SR73	836473.1	834039.9	8.9	30.1	9.5	11.9	2.1	0.6	0.1	54.3	
SR74	836409.1	834014.7	8.9	34.5	11.1	16.7	2.2	0.6	0.1	65.2	
SR75	832917.9	838842.6	9.9	19.6	3.2	12.3	1.1	4.3	0	40.5	
SR77	833987.6	837405.8	5.4	44.8	2.6	2.8	1.1	4.2	0	55.5	
SR78	834642.6	833475.9	14.8	25	1.6	2.9	2.4	0.8	0.2	32.9	
SR100	836803.2	833546.4	10.2	15.6	18.8	6.5	2	0.5	0.1	43.5	

SR#	Northing	Easting	Elevation mPD	NO ₂ Background NO ₂ = 51 µg/m ³			RSP Background RSP = 50 µg/m ³				
				Sum	Predicted Hourly NO ₂ / ppm	Predicted Hourly NO ₂ / µg/m ³	Predicted Hourly NO ₂ +Bkg / µg/m ³	Sum (DAY)	SUM (NIGHT)	Predicted Daily RSP µg/m ³	Predicted Daily RSP + Background
SR01	832815.6	838702.3	9.6	52.98	0.0530	99.7	150.7	38.8	29.4	34.5	84.5
SR02	832958.8	838483	4.5	67.12	0.0671	126.3	177.3	36.8	28.2	32.8	82.8
SR03	832992.9	838637.3	4	68.14	0.0681	128.2	179.2	51.3	37.2	44.8	94.8
SR04	832668.1	838929.9	3.9	43.46	0.0435	81.8	132.8	30.9	26.2	28.7	78.7
SR07	833384.6	838651.9	8.6	110.47	0.1105	207.8	258.8	82.5	61.8	73.0	123.0
SR09	833621.5	838357.4	5.1	80.02	0.0800	150.5	201.5	61.3	42.0	52.5	102.5
SR11	833906.7	837945.2	0.3	126.41	0.1264	237.8	288.8	111.4	85.5	99.5	149.5
SR17B	833738.5	836634.2	7.2	101.99	0.1020	191.9	242.9	72.3	51.2	62.6	112.6
SR20	833730.4	836186.5	4.4	53.37	0.0534	100.4	151.4	43.3	42.2	42.8	92.8
SR22	833310.8	835997.1	2.4	110.59	0.1106	208.1	259.1	68.8	51.3	60.8	110.8
SR23	833295.1	835868.1	2.9	111.61	0.1116	210.0	261.0	111.4	81.8	97.8	147.8
SR25	833011.3	835521.2	6	82.96	0.0830	156.1	207.1	57.7	47.6	53.1	103.1
SR28	833801.9	834667.1	5.4	100.68	0.1007	189.4	240.4	117.3	62.4	92.1	142.1
SR29	833959.8	834768.6	7	62.13	0.0621	116.9	167.9	42.5	28.9	36.2	86.2
SR31	834198.1	834445.9	6.8	101.49	0.1015	190.9	241.9	51.2	40.2	46.2	96.2
SR33	834122.9	834154.8	3.7	99.05	0.0991	186.4	237.4	88.6	53.1	72.3	122.3
SR34	833951.5	834078.6	20.3	54.3	0.0543	102.2	153.2	46.2	30.6	39.1	89.1
SR35	834183.8	834144	8.9	93.77	0.0938	176.4	227.4	71.9	44.4	59.3	109.3
SR36	834427.6	833704.3	7.4	119.87	0.1199	225.5	276.5	122.5	66.5	96.8	146.8
SR39	835903.9	833771	8.8	71.98	0.0720	135.4	186.4	56.4	40.2	49.0	99.0
SR43	835364.5	833624.3	8.3	57.24	0.0572	107.7	158.7	37.2	29.3	33.6	83.6
SR45	835531.8	833671.8	7.1	89.29	0.0893	168.0	219.0	57.9	38.9	49.2	99.2
SR47	836216.1	834105.4	3.9	99.16	0.0992	186.6	237.6	62.8	53.0	58.3	108.3
SR54	836343.3	833756.9	0	69.63	0.0696	131.0	182.0	37.0	35.3	36.2	86.2
SR55	834512	833565	18.8	74.02	0.0740	139.3	190.3	58.2	37.9	48.9	98.9
SR56	834560.4	833481.7	6.7	69.28	0.0693	130.3	181.3	57.6	40.4	49.7	99.7
SR57	835186.8	833452.6	8.5	57.05	0.0571	107.3	158.3	34.9	28.5	32.0	82.0
SR61	835143.3	833463.2	0.2	50.78	0.0508	95.5	146.5	30.7	21.6	26.5	76.5
SR62	834869.7	833294.3	3.8	100.54	0.1005	189.2	240.2	96.6	52.7	76.5	126.5
SR64	835424.8	833403.6	5.8	94.02	0.0940	176.9	227.9	87.3	49.7	70.1	120.1
SR66	835286.6	833553.1	1.1	60.69	0.0607	114.2	165.2	33.4	28.6	31.2	81.2
SR68	836294	834236.9	0.1	78.27	0.0783	147.3	198.3	49.7	37.0	43.9	93.9
SR69	836339.6	834281.7	0.5	62.74	0.0627	118.0	169.0	39.2	34.1	36.9	86.9
SR70	836214.5	834287	4	73.11	0.0731	137.5	188.5	43.8	37.1	40.7	90.7
SR71	836350.8	834501.4	0.7	51.81	0.0518	97.5	148.5	30.3	27.3	28.9	78.9
SR72	836591.4	834529.8	1.5	36.61	0.0366	68.9	119.9	22.3	23.8	23.0	73.0
SR73	836473.1	834039.9	8.9	92.77	0.0928	174.5	225.5	57.2	54.3	55.9	105.9
SR74	836409.1	834014.7	8.9	122.55	0.1226	230.6	281.6	71.3	65.2	68.5	118.5
SR75	832917.9	838842.6	9.9	76.77	0.0768	144.4	195.4	47.8	40.5	44.5	94.5
SR77	833987.6	837405.8	5.4	87.88	0.0879	165.3	216.3	65.8	55.5	61.1	111.1
SR78	834642.6	833475.9	14.8	56.8	0.0568	106.9	157.9	43.7	32.9	38.8	88.8
SR100	836803.2	833546.4	10.2	65.82	0.0658	123.8	174.8	42.2	43.5	42.8	92.8