

Appendix A1

Record of NO_x and NO₂ Measurements

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/1/2006 0:00	44.6	1.8	3.0	3.0
10/1/2006 1:00	38.9	0.4	2.6	2.6
10/1/2006 2:00	36.8	outlier removed	2.5	2.5
10/1/2006 3:00	31.0	outlier removed	3.6	3.6
10/1/2006 4:00	21.9	outlier removed	2.6	2.6
10/1/2006 5:00	12.4	outlier removed	1.1	1.1
10/1/2006 6:00	11.4	outlier removed	0.9	0.9
10/1/2006 7:00	13.4	outlier removed	3.4	3.4
10/1/2006 8:00	17.6	outlier removed	3.6	3.6
10/1/2006 9:00	27.4	outlier removed	7.9	4.6
10/1/2006 10:00	44.0	2.3	20.1	8.0
10/1/2006 11:00	49.6	3.7	4.1	2.0
10/1/2006 12:00	30.9	2.4	7.0	3.8
10/1/2006 13:00	18.6	1.5	3.6	2.6
10/1/2006 14:00	12.3	outlier removed	2.2	1.8
10/1/2006 15:00	12.2	outlier removed	1.9	1.6
10/1/2006 16:00	12.4	0.7	4.2	3.1
10/1/2006 17:00	13.1	0.8	2.8	2.2
10/1/2006 18:00	16.8	2.8	7.5	5.1
10/1/2006 19:00	18.0	3.0	10.9	9.1
10/1/2006 20:00	14.8	2.4	31.9	17.4
10/1/2006 21:00	19.4	2.7	38.2	18.3
10/1/2006 22:00	42.7	4.6	72.3	17.5
10/1/2006 23:00	75.9	4.9	54.4	16.6
10/2/2006 0:00	88.1	3.7	46.0	13.9
10/2/2006 1:00	33.6	1.6	35.9	12.3
10/2/2006 2:00	28.4	0.1	45.7	12.6
10/2/2006 3:00	22.1	outlier removed	51.9	11.5
10/2/2006 4:00	22.7	outlier removed	43.2	11.2
10/2/2006 5:00	61.9	outlier removed	19.8	8.0
10/2/2006 6:00	65.9	0.2	19.2	8.0
10/2/2006 7:00	98.7	0.8	2.5	2.5
10/2/2006 8:00	73.0	outlier removed	7.0	4.9
10/2/2006 9:00	51.1	outlier removed	11.7	8.6
10/2/2006 10:00	59.1	3.3	10.5	8.6
10/2/2006 11:00	55.7	5.7	12.9	11.0
10/2/2006 12:00	46.7	7.1	15.1	11.8
10/2/2006 13:00	41.9	5.3	9.4	7.2
10/2/2006 14:00	33.4	4.5	7.5	5.6
10/2/2006 15:00	29.8	8.1	8.1	6.6
10/2/2006 16:00	32.9	9.6	5.6	4.8
10/2/2006 17:00	35.9	11.0	4.4	3.7
10/2/2006 18:00	24.9	3.6	3.6	3.0
10/2/2006 19:00	35.5	13.9	6.7	6.1
10/2/2006 20:00	13.5	5.2	57.6	17.6
10/2/2006 21:00	54.2	14.4	64.0	20.9

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Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/2/2006 22:00	37.3	13.8	60.4	18.8
10/2/2006 23:00	23.1	9.8	51.4	18.3
10/3/2006 0:00	27.4	10.8	46.7	16.1
10/3/2006 1:00	88.5	17.0	30.6	16.8
10/3/2006 2:00	85.8	14.5	12.9	11.4
10/3/2006 3:00	28.7	8.2	5.9	5.6
10/3/2006 4:00	30.9	9.0	5.7	5.4
10/3/2006 5:00	25.5	8.6	4.6	4.3
10/3/2006 6:00	25.1	6.8	5.5	4.6
10/3/2006 7:00	41.1	18.0	31.0	17.3
10/3/2006 8:00	46.5	14.7	14.0	11.3
10/3/2006 9:00	33.9	12.5	11.7	10.0
10/3/2006 10:00	67.0	13.3	8.4	7.5
10/3/2006 11:00	63.6	12.3	20.1	9.9
10/3/2006 12:00	103.3	28.9	59.6	21.7
10/3/2006 13:00	57.3	21.6	36.5	18.6
10/3/2006 14:00	38.4	15.6	27.0	16.6
10/3/2006 15:00	49.2	18.9	16.2	11.7
10/3/2006 16:00	35.9	13.0	6.8	5.7
10/3/2006 17:00	29.3	10.6	6.1	5.2
10/3/2006 18:00	25.6	9.8	4.2	3.9
10/3/2006 19:00	18.2	9.4	3.3	3.0
10/3/2006 20:00	10.7	4.6	3.2	3.1
10/3/2006 21:00	9.9	4.0	3.3	3.3
10/3/2006 22:00	11.2	5.2	3.3	3.3
10/3/2006 23:00	18.2	11.0	2.4	2.4
10/4/2006 0:00	22.8	15.0	1.7	1.7
10/4/2006 1:00	22.6	14.8	2.0	2.0
10/4/2006 2:00	17.2	9.4	3.7	3.7
10/4/2006 3:00	15.2	7.4	4.9	4.9
10/4/2006 4:00	16.7	7.7	5.7	5.7
10/4/2006 5:00	12.0	4.2	4.7	4.7
10/4/2006 6:00	19.6	10.7	5.5	4.9
10/4/2006 7:00	17.0	11.5	20.8	13.7
10/4/2006 8:00	24.4	10.5	31.1	18.1
10/4/2006 9:00	58.5	20.2	17.6	12.0
10/4/2006 10:00	37.7	13.2	6.7	6.3
10/4/2006 11:00	27.8	8.3	5.2	4.8
10/4/2006 12:00	27.4	8.7	4.3	4.2
10/4/2006 13:00	49.1	17.7	6.6	6.0
10/4/2006 14:00	54.9	22.6	12.3	9.8
10/4/2006 15:00	48.4	25.6	38.1	18.9
10/4/2006 16:00	12.2	4.8	25.2	10.1
10/4/2006 17:00	3.8	outlier removed	17.9	7.0
10/4/2006 18:00	2.3	outlier removed	19.3	7.6
10/4/2006 19:00	1.4	outlier removed	17.6	7.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/4/2006 20:00	0.1	outlier removed	16.3	6.1
10/4/2006 21:00	outlier removed	outlier removed	14.5	4.9
10/4/2006 22:00	0.3	outlier removed	13.8	4.3
10/4/2006 23:00	0.4	outlier removed	11.2	3.6
10/5/2006 0:00	2.2	outlier removed	8.0	3.1
10/5/2006 1:00	1.7	outlier removed	6.8	2.6
10/5/2006 2:00	outlier removed	outlier removed	3.6	0.2
10/5/2006 3:00	outlier removed	outlier removed	1.1	outlier removed
10/5/2006 4:00	outlier removed	outlier removed	1.6	outlier removed
10/5/2006 5:00	outlier removed	outlier removed	2.8	outlier removed
10/5/2006 6:00	outlier removed	outlier removed	3.8	0.2
10/5/2006 7:00	outlier removed	outlier removed	8.7	1.8
10/5/2006 8:00	2.8	0.3	22.6	5.6
10/5/2006 9:00	3.4	outlier removed	23.9	5.7
10/5/2006 10:00	3.2	outlier removed	20.6	3.8
10/5/2006 11:00	0.3	outlier removed	16.6	2.7
10/5/2006 12:00	outlier removed	outlier removed	23.0	4.9
10/5/2006 13:00	outlier removed	outlier removed	19.3	4.0
10/5/2006 14:00	0.2	outlier removed	18.3	4.5
10/5/2006 15:00	2.9	outlier removed	21.8	5.9
10/5/2006 16:00	0.6	outlier removed	22.0	6.2
10/5/2006 17:00	outlier removed	outlier removed	24.7	6.9
10/5/2006 18:00	0.3	outlier removed	25.2	7.3
10/5/2006 19:00	1.5	outlier removed	20.5	6.8
10/5/2006 20:00	3.1	0.6	19.6	6.4
10/5/2006 21:00	4.7	2.3	25.9	8.1
10/5/2006 22:00	4.4	1.8	20.6	7.4
10/5/2006 23:00	3.9	1.5	14.8	5.9
10/6/2006 0:00	5.4	2.9	11.4	4.7
10/6/2006 1:00	5.4	2.9	15.0	6.1
10/6/2006 2:00	7.3	4.6	5.6	2.5
10/6/2006 3:00	6.8	3.8	7.4	2.6
10/6/2006 4:00	10.7	4.7	4.7	2.4
10/6/2006 5:00	12.8	9.3	14.5	7.4
10/6/2006 6:00	8.5	5.6	11.7	5.4
10/6/2006 7:00	12.6	8.9	23.0	9.5
10/6/2006 8:00	22.0	12.5	36.7	12.3
10/6/2006 9:00	36.6	10.8	52.1	12.7
10/6/2006 10:00	13.0	0.7	22.2	3.8
10/6/2006 11:00	2.8	outlier removed	18.7	3.1
10/6/2006 12:00	outlier removed	outlier removed	18.4	4.1
10/6/2006 13:00	outlier removed	outlier removed	22.8	4.6
10/6/2006 14:00	outlier removed	outlier removed	17.7	4.0
10/6/2006 15:00	outlier removed	outlier removed	19.2	5.0
10/6/2006 16:00	outlier removed	outlier removed	22.1	6.2
10/6/2006 17:00	outlier removed	outlier removed	19.7	6.4

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/6/2006 18:00	1.7	outlier removed	22.0	7.9
10/6/2006 19:00	2.2	outlier removed	27.1	11.1
10/6/2006 20:00	8.6	5.1	39.9	16.7
10/6/2006 21:00	18.0	14.2	42.5	17.3
10/6/2006 22:00	16.3	12.8	32.6	13.9
10/6/2006 23:00	10.9	7.7	25.5	11.2
10/7/2006 0:00	11.3	5.6	25.2	10.3
10/7/2006 1:00	102.9	12.0	30.0	10.9
10/7/2006 2:00	17.1	6.0	35.9	10.8
10/7/2006 3:00	7.2	2.5	31.0	10.1
10/7/2006 4:00	51.6	6.5	30.1	8.3
10/7/2006 5:00	72.8	5.1	33.7	9.7
10/7/2006 6:00	60.1	6.5	29.0	12.1
10/7/2006 7:00	32.0	7.2	26.3	12.0
10/7/2006 8:00	38.4	5.2	41.3	12.3
10/7/2006 9:00	46.3	4.2	36.0	10.5
10/7/2006 10:00	25.3	3.2	22.8	7.1
10/7/2006 11:00	15.0	4.1	13.3	4.3
10/7/2006 12:00	2.5	outlier removed	10.8	4.2
10/7/2006 13:00	0.4	outlier removed	5.5	2.8
10/7/2006 14:00	0.2	outlier removed	4.6	2.5
10/7/2006 15:00	outlier removed	outlier removed	3.1	2.1
10/7/2006 16:00	0.2	outlier removed	2.3	1.7
10/7/2006 17:00	4.9	outlier removed	1.6	1.4
10/7/2006 18:00	2.4	outlier removed	9.6	6.0
10/7/2006 19:00	6.3	2.9	4.3	3.9
10/7/2006 20:00	16.8	13.0	2.9	2.9
10/7/2006 21:00	16.4	12.8	3.9	3.9
10/7/2006 22:00	15.8	8.3	33.9	15.2
10/7/2006 23:00	47.1	19.0	49.0	17.6
10/8/2006 0:00	33.2	14.3	52.2	16.0
10/8/2006 1:00	24.7	12.1	36.5	12.6
10/8/2006 2:00	19.2	7.2	35.5	10.8
10/8/2006 3:00	19.0	5.9	29.0	7.6
10/8/2006 4:00	32.8	5.6	20.4	5.9
10/8/2006 5:00	43.2	3.1	23.9	6.3
10/8/2006 6:00	26.6	1.9	29.5	6.6
10/8/2006 7:00	65.8	1.7	26.5	5.5
10/8/2006 8:00	79.2	1.3	23.7	5.7
10/8/2006 9:00	97.8	6.1	48.0	10.5
10/8/2006 10:00	82.0	16.6	41.4	15.1
10/8/2006 11:00	57.6	14.4	25.8	12.1
10/8/2006 12:00	27.5	7.9	11.1	7.1
10/8/2006 13:00	28.6	9.0	6.9	5.2
10/8/2006 14:00	19.2	5.7	13.7	9.6
10/8/2006 15:00	26.7	10.5	21.3	14.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/8/2006 16:00	50.2	21.3	26.8	16.7
10/8/2006 17:00	34.7	16.3	17.7	13.3
10/8/2006 18:00	29.4	16.2	10.6	9.5
10/8/2006 19:00	28.9	19.5	9.6	9.1
10/8/2006 20:00	32.3	22.5	8.2	8.2
10/8/2006 21:00	64.3	25.4	9.3	9.3
10/8/2006 22:00	31.7	17.7	7.4	7.4
10/8/2006 23:00	31.0	17.9	5.5	5.5
10/9/2006 0:00	40.8	18.8	4.5	4.5
10/9/2006 1:00	53.6	14.1	13.1	6.2
10/9/2006 2:00	71.7	8.2	47.1	12.1
10/9/2006 3:00	128.2	5.7	26.5	9.7
10/9/2006 4:00	131.4	3.6	7.7	4.8
10/9/2006 5:00	50.5	3.9	1.7	1.7
10/9/2006 6:00	101.0	2.4	2.4	2.4
10/9/2006 7:00	123.8	2.2	1.9	1.9
10/9/2006 8:00	146.2	5.4	17.0	4.1
10/9/2006 9:00	162.5	5.4	11.1	4.4
10/9/2006 10:00	58.8	12.0	32.9	12.2
10/9/2006 11:00	104.8	35.1	52.9	22.9
10/9/2006 12:00	42.9	23.5	32.5	20.0
10/9/2006 13:00	40.2	20.2	23.6	16.9
10/9/2006 14:00	24.1	11.1	20.6	14.4
10/9/2006 15:00	21.2	9.7	24.3	15.9
10/9/2006 16:00	23.5	12.6	29.7	18.3
10/9/2006 17:00	15.4	7.6	26.6	17.0
10/9/2006 18:00	4.9	outlier removed	14.9	8.9
10/9/2006 19:00	1.6	outlier removed	10.4	5.5
10/9/2006 20:00	3.2	outlier removed	15.7	7.6
10/9/2006 21:00	1.2	outlier removed	12.6	6.5
10/9/2006 22:00	0.7	outlier removed	8.9	4.2
10/9/2006 23:00	0.3	outlier removed	7.2	3.7
10/10/2006 0:00	4.5	1.7	9.1	5.1
10/10/2006 1:00	4.7	1.8	9.4	5.7
10/10/2006 2:00	3.9	0.8	10.0	5.7
10/10/2006 3:00	4.5	1.5	7.8	4.0
10/10/2006 4:00	8.9	5.3	9.9	4.6
10/10/2006 5:00	5.5	2.1	10.3	5.2
10/10/2006 6:00	5.4	2.4	10.0	4.7
10/10/2006 7:00	7.7	4.2	15.9	7.1
10/10/2006 8:00	13.4	8.5	26.1	10.9
10/10/2006 9:00	23.7	12.4	32.4	11.7
10/10/2006 10:00	21.9	8.0	28.9	10.0
10/10/2006 11:00	13.4	5.0	26.6	9.6
10/10/2006 12:00	11.4	3.1	28.9	10.1
10/10/2006 13:00	12.6	2.8	32.0	10.8

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Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/10/2006 14:00	10.9	3.3	32.2	10.7
10/10/2006 15:00	7.9	2.7	39.3	13.1
10/10/2006 16:00	7.4	4.0	50.2	17.1
10/10/2006 17:00	11.0	7.1	55.7	18.4
10/10/2006 18:00	17.2	12.1	56.5	20.5
10/10/2006 19:00	17.5	13.2	54.8	20.9
10/10/2006 20:00	23.5	19.5	66.7	22.7
10/10/2006 21:00	27.0	21.4	70.1	22.7
10/10/2006 22:00	21.5	14.8	47.0	17.9
10/10/2006 23:00	15.9	11.6	33.3	12.5
10/11/2006 0:00	12.4	8.3	24.1	11.4
10/11/2006 1:00	17.8	8.8	21.8	9.8
10/11/2006 2:00	11.5	6.4	20.6	10.4
10/11/2006 3:00	18.6	9.2	18.2	10.2
10/11/2006 4:00	10.2	4.2	22.0	11.4
10/11/2006 5:00	23.2	8.2	19.1	9.4
10/11/2006 6:00	36.8	14.9	5.8	4.8
10/11/2006 7:00	11.1	5.8	9.1	6.4
10/11/2006 8:00	31.8	13.1	4.8	4.8
10/11/2006 9:00	34.8	11.7	6.2	6.0
10/11/2006 10:00	49.4	18.0	6.5	6.3
10/11/2006 11:00	29.9	10.2	4.8	4.5
10/11/2006 12:00	17.8	5.1	3.0	2.8
10/11/2006 13:00	17.9	4.5	3.7	3.4
10/11/2006 14:00	15.1	3.9	3.8	3.4
10/11/2006 15:00	21.5	8.5	4.2	4.1
10/11/2006 16:00	23.5	10.5	6.8	6.2
10/11/2006 17:00	17.3	5.2	5.7	5.5
10/11/2006 18:00	19.0	6.3	4.7	4.6
10/11/2006 19:00	20.6	7.1	4.4	4.4
10/11/2006 20:00	20.5	4.5	3.8	3.8
10/11/2006 21:00	24.2	6.3	3.8	3.8
10/11/2006 22:00	19.6	4.6	1.8	1.8
10/11/2006 23:00	19.3	3.8	0.8	0.8
10/12/2006 0:00	18.8	4.7	0.5	0.5
10/12/2006 1:00	13.1	2.1	outlier removed	outlier removed
10/12/2006 2:00	11.1	0.4	outlier removed	outlier removed
10/12/2006 3:00	6.7	outlier removed	outlier removed	outlier removed
10/12/2006 4:00	14.6	1.6	outlier removed	outlier removed
10/12/2006 5:00	16.5	4.5	3.4	3.4
10/12/2006 6:00	24.5	6.8	0.2	0.2
10/12/2006 7:00	22.8	4.0	outlier removed	outlier removed
10/12/2006 8:00	23.0	3.5	outlier removed	outlier removed
10/12/2006 9:00	26.4	3.4	1.1	1.1
10/12/2006 10:00	23.3	0.5	outlier removed	outlier removed
10/12/2006 11:00	21.6	0.0	outlier removed	outlier removed

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Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/12/2006 12:00	15.3	outlier removed	outlier removed	outlier removed
10/12/2006 13:00	14.2	outlier removed	outlier removed	outlier removed
10/12/2006 14:00	12.9	outlier removed	outlier removed	outlier removed
10/12/2006 15:00	15.9	outlier removed	outlier removed	outlier removed
10/12/2006 16:00	14.8	outlier removed	outlier removed	outlier removed
10/12/2006 17:00	12.1	outlier removed	outlier removed	outlier removed
10/12/2006 18:00	21.9	2.3	outlier removed	outlier removed
10/12/2006 19:00	27.0	4.6	0.2	0.2
10/12/2006 20:00	38.1	8.7	1.0	1.0
10/12/2006 21:00	25.8	5.8	1.9	1.9
10/12/2006 22:00	22.0	3.5	1.1	1.1
10/12/2006 23:00	16.9	2.0	outlier removed	outlier removed
10/13/2006 0:00	11.8	0.3	outlier removed	outlier removed
10/13/2006 1:00	7.0	outlier removed	outlier removed	outlier removed
10/13/2006 2:00	7.5	outlier removed	3.0	3.0
10/13/2006 3:00	5.8	outlier removed	2.5	2.5
10/13/2006 4:00	5.6	outlier removed	3.5	3.5
10/13/2006 5:00	8.6	outlier removed	3.2	3.2
10/13/2006 6:00	8.1	outlier removed	3.5	3.5
10/13/2006 7:00	9.4	outlier removed	0.4	0.4
10/13/2006 8:00	10.0	outlier removed	outlier removed	outlier removed
10/13/2006 9:00	12.4	outlier removed	0.9	0.9
10/13/2006 10:00	10.9	outlier removed	0.8	0.8
10/13/2006 11:00	10.2	outlier removed	outlier removed	outlier removed
10/13/2006 12:00	11.6	outlier removed	outlier removed	outlier removed
10/13/2006 13:00	10.6	outlier removed	outlier removed	outlier removed
10/13/2006 14:00	10.5	outlier removed	outlier removed	outlier removed
10/13/2006 15:00	13.4	outlier removed	outlier removed	outlier removed
10/13/2006 16:00	14.9	0.2	outlier removed	outlier removed
10/13/2006 17:00	17.6	1.2	outlier removed	outlier removed
10/13/2006 18:00	29.9	7.0	0.8	0.8
10/13/2006 19:00	18.8	4.0	0.1	0.1
10/13/2006 20:00	22.2	6.0	outlier removed	outlier removed
10/13/2006 21:00	22.0	5.8	0.03	0.0
10/13/2006 22:00	13.6	2.0	outlier removed	outlier removed
10/13/2006 23:00	9.0	0.4	outlier removed	outlier removed
10/14/2006 0:00	8.4	outlier removed	outlier removed	outlier removed
10/14/2006 1:00	4.9	outlier removed	outlier removed	outlier removed
10/14/2006 2:00	3.6	outlier removed	outlier removed	outlier removed
10/14/2006 3:00	5.1	outlier removed	outlier removed	outlier removed
10/14/2006 4:00	5.0	outlier removed	outlier removed	outlier removed
10/14/2006 5:00	5.9	1.0	0.2	0.2
10/14/2006 6:00	5.7	0.6	1.4	1.4
10/14/2006 7:00	10.4	2.7	1.3	1.3
10/14/2006 8:00	7.8	0.5	outlier removed	outlier removed
10/14/2006 9:00	16.0	3.7	outlier removed	outlier removed

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/14/2006 10:00	23.1	6.3	4.1	2.8
10/14/2006 11:00	18.1	2.5	3.5	1.8
10/14/2006 12:00	11.8	0.3	0.7	0.1
10/14/2006 13:00	11.0	outlier removed	outlier removed	outlier removed
10/14/2006 14:00	10.4	outlier removed	0.3	0.2
10/14/2006 15:00	9.1	outlier removed	1.2	0.8
10/14/2006 16:00	9.6	outlier removed	1.7	1.2
10/14/2006 17:00	7.7	outlier removed	1.3	1.0
10/14/2006 18:00	7.1	outlier removed	1.4	1.2
10/14/2006 19:00	9.3	0.4	1.0	1.0
10/14/2006 20:00	15.8	4.9	0.8	0.8
10/14/2006 21:00	14.3	5.1	6.6	6.5
10/14/2006 22:00	26.3	13.2	6.3	6.3
10/14/2006 23:00	22.6	8.8	1.8	1.8
10/15/2006 0:00	30.9	13.4	2.6	2.6
10/15/2006 1:00	25.8	12.5	5.0	5.0
10/15/2006 2:00	15.8	8.0	4.2	4.2
10/15/2006 3:00	13.3	7.2	6.6	6.6
10/15/2006 4:00	16.1	7.5	6.6	6.6
10/15/2006 5:00	23.4	9.4	3.3	3.3
10/15/2006 6:00	17.9	7.3	8.5	6.3
10/15/2006 7:00	37.4	7.6	9.1	6.4
10/15/2006 8:00	29.3	6.8	3.4	3.4
10/15/2006 9:00	36.0	6.2	1.9	1.9
10/15/2006 10:00	12.0	0.4	1.5	1.5
10/15/2006 11:00	8.5	outlier removed	outlier removed	outlier removed
10/15/2006 12:00	7.8	outlier removed	outlier removed	outlier removed
10/15/2006 13:00	7.2	outlier removed	0.6	0.6
10/15/2006 14:00	7.4	outlier removed	0.9	0.8
10/15/2006 15:00	9.1	outlier removed	1.6	1.3
10/15/2006 16:00	10.0	0.3	2.3	1.9
10/15/2006 17:00	14.0	2.3	3.3	2.7
10/15/2006 18:00	20.7	6.0	4.5	3.9
10/15/2006 19:00	31.8	15.5	4.6	4.5
10/15/2006 20:00	45.2	22.5	3.3	3.3
10/15/2006 21:00	35.8	16.1	3.3	3.3
10/15/2006 22:00	31.4	13.8	2.6	2.6
10/15/2006 23:00	19.9	6.9	2.2	2.2
10/16/2006 0:00	34.1	14.0	1.3	1.3
10/16/2006 1:00	57.5	18.3	4.1	4.1
10/16/2006 2:00	62.5	15.9	7.1	6.6
10/16/2006 3:00	53.2	13.5	6.5	5.9
10/16/2006 4:00	53.6	12.1	4.8	4.4
10/16/2006 5:00	28.2	7.8	29.1	10.6
10/16/2006 6:00	27.6	7.6	32.2	11.6
10/16/2006 7:00	37.1	11.4	3.5	3.5

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/16/2006 8:00	30.5	11.7	5.1	5.1
10/16/2006 9:00	42.7	14.0	10.2	7.7
10/16/2006 10:00	30.0	12.2	11.2	5.5
10/16/2006 11:00	33.4	11.4	4.7	4.6
10/16/2006 12:00	35.4	12.9	5.6	5.1
10/16/2006 13:00	42.9	16.5	8.0	6.8
10/16/2006 14:00	41.9	18.6	9.6	8.3
10/16/2006 15:00	17.2	9.4	9.2	8.0
10/16/2006 16:00	15.8	9.8	8.8	7.9
10/16/2006 17:00	14.6	9.7	8.2	7.5
10/16/2006 18:00	22.3	15.6	11.2	10.3
10/16/2006 19:00	32.0	20.7	11.9	11.3
10/16/2006 20:00	39.2	19.0	10.6	10.6
10/16/2006 21:00	30.3	19.5	9.4	9.4
10/16/2006 22:00	21.4	15.8	8.9	8.9
10/16/2006 23:00	18.5	13.9	8.7	8.7
10/17/2006 0:00	14.4	10.6	6.3	6.3
10/17/2006 1:00	9.9	6.9	4.6	4.6
10/17/2006 2:00	7.0	4.5	3.6	3.6
10/17/2006 3:00	5.8	3.7	3.7	3.7
10/17/2006 4:00	7.7	5.3	5.7	5.7
10/17/2006 5:00	5.8	3.6	2.7	2.7
10/17/2006 6:00	4.9	2.7	1.6	1.6
10/17/2006 7:00	3.7	1.1	0.5	0.5
10/17/2006 8:00	4.7	1.5	outlier removed	outlier removed
10/17/2006 9:00	4.8	2.2	0.01	0.0
10/17/2006 10:00	5.5	2.0	outlier removed	outlier removed
10/17/2006 11:00	17.7	8.0	outlier removed	outlier removed
10/17/2006 12:00	25.7	10.4	0.6	0.6
10/17/2006 13:00	22.2	7.7	1.5	1.5
10/17/2006 14:00	20.9	6.9	2.0	2.0
10/17/2006 15:00	23.7	6.4	3.7	3.6
10/17/2006 16:00	24.5	4.7	4.2	3.7
10/17/2006 17:00	23.3	4.9	4.5	4.1
10/17/2006 18:00	23.1	5.9	6.1	5.8
10/17/2006 19:00	24.1	7.3	5.9	5.9
10/17/2006 20:00	27.8	8.2	4.8	4.8
10/17/2006 21:00	21.0	5.5	3.6	3.6
10/17/2006 22:00	25.8	6.6	3.4	3.4
10/17/2006 23:00	28.4	7.8	3.2	3.2
10/18/2006 0:00	29.1	8.7	3.9	3.9
10/18/2006 1:00	28.5	7.9	4.6	4.6
10/18/2006 2:00	22.5	7.7	5.5	5.5
10/18/2006 3:00	21.4	6.8	3.8	3.8
10/18/2006 4:00	23.4	7.6	4.5	4.5
10/18/2006 5:00	24.5	8.5	4.0	4.0

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/18/2006 6:00	21.9	7.3	3.4	3.4
10/18/2006 7:00	38.5	10.4	3.4	3.4
10/18/2006 8:00	45.8	11.1	4.9	4.9
10/18/2006 9:00	43.0	11.2	6.8	6.8
10/18/2006 10:00	50.2	13.1	8.4	7.8
10/18/2006 11:00	42.3	10.5	10.0	7.6
10/18/2006 12:00	45.5	10.2	12.5	8.7
10/18/2006 13:00	37.5	8.1	14.5	8.8
10/18/2006 14:00	38.3	7.5	12.1	7.1
10/18/2006 15:00	40.4	9.7	11.4	6.9
10/18/2006 16:00	41.2	11.9	9.8	7.6
10/18/2006 17:00	34.6	10.1	8.0	6.9
10/18/2006 18:00	39.3	13.0	6.1	5.7
10/18/2006 19:00	43.5	15.8	4.7	4.7
10/18/2006 20:00	35.2	13.5	4.8	4.8
10/18/2006 21:00	31.3	12.3	3.9	3.9
10/18/2006 22:00	27.1	9.0	3.5	3.5
10/18/2006 23:00	25.8	9.3	3.7	3.7
10/19/2006 0:00	21.4	7.3	3.2	3.2
10/19/2006 1:00	13.2	3.7	3.2	3.2
10/19/2006 2:00	11.9	3.4	4.1	4.1
10/19/2006 3:00	13.6	4.5	4.8	4.8
10/19/2006 4:00	13.4	4.9	6.1	6.1
10/19/2006 5:00	16.8	6.3	6.3	6.3
10/19/2006 6:00	18.3	6.9	10.0	7.8
10/19/2006 7:00	31.3	8.7	14.7	9.9
10/19/2006 8:00	29.2	7.6	15.6	8.3
10/19/2006 9:00	33.8	6.5	19.1	7.4
10/19/2006 10:00	40.1	7.2	18.8	7.4
10/19/2006 11:00	50.3	12.1	11.1	7.3
10/19/2006 12:00	35.3	8.7	19.4	8.9
10/19/2006 13:00	33.5	8.0	22.5	9.4
10/19/2006 14:00	35.9	10.0	16.1	9.3
10/19/2006 15:00	31.3	8.6	19.7	9.8
10/19/2006 16:00	45.9	13.2	23.7	11.5
10/19/2006 17:00	44.4	13.8	20.7	11.2
10/19/2006 18:00	37.7	12.3	25.3	10.2
10/19/2006 19:00	37.5	12.0	22.1	9.2
10/19/2006 20:00	50.8	14.6	21.9	11.3
10/19/2006 21:00	35.2	14.0	32.5	13.7
10/19/2006 22:00	26.4	12.5	34.2	13.1
10/19/2006 23:00	14.8	7.9	30.3	11.7
10/20/2006 0:00	46.4	15.6	25.6	12.3
10/20/2006 1:00	43.9	15.8	29.4	12.7
10/20/2006 2:00	33.2	13.8	18.9	9.6
10/20/2006 3:00	17.6	11.3	21.8	9.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/20/2006 4:00	24.9	10.8	22.3	10.1
10/20/2006 5:00	53.2	12.3	25.3	10.1
10/20/2006 6:00	39.2	11.0	25.9	9.8
10/20/2006 7:00	35.1	11.7	30.2	10.6
10/20/2006 8:00	80.0	13.4	30.4	11.0
10/20/2006 9:00	58.9	11.4	33.4	11.1
10/20/2006 10:00	62.0	10.9	27.2	9.6
10/20/2006 11:00	49.7	11.5	25.2	10.7
10/20/2006 12:00	45.9	8.2	14.6	6.8
10/20/2006 13:00	32.3	7.2	14.0	6.5
10/20/2006 14:00	34.3	9.3	14.3	7.9
10/20/2006 15:00	37.1	9.0	6.5	4.6
10/20/2006 16:00	28.1	5.6	1.9	1.5
10/20/2006 17:00	24.9	5.8	2.5	2.5
10/20/2006 18:00	31.0	8.9	2.6	2.6
10/20/2006 19:00	43.8	13.9	1.8	1.8
10/20/2006 20:00	33.2	15.2	3.5	3.5
10/20/2006 21:00	68.7	14.9	4.6	4.6
10/20/2006 22:00	75.0	16.1	4.6	4.6
10/20/2006 23:00	71.3	20.4	12.1	12.1
10/21/2006 0:00	42.0	17.5	7.9	7.9
10/21/2006 1:00	34.3	16.7	10.0	9.7
10/21/2006 2:00	38.9	16.1	10.7	10.7
10/21/2006 3:00	32.5	12.9	5.4	5.4
10/21/2006 4:00	24.5	10.0	3.0	3.0
10/21/2006 5:00	15.7	7.0	2.1	2.1
10/21/2006 6:00	15.1	6.1	1.7	1.7
10/21/2006 7:00	14.4	5.9	2.0	2.0
10/21/2006 8:00	18.8	6.7	2.9	2.9
10/21/2006 9:00	25.7	7.5	2.7	2.7
10/21/2006 10:00	30.1	9.3	5.1	5.1
10/21/2006 11:00	25.5	6.6	3.5	3.5
10/21/2006 12:00	22.1	5.2	3.7	3.5
10/21/2006 13:00	23.4	5.4	4.2	3.5
10/21/2006 14:00	23.6	7.1	5.8	4.7
10/21/2006 15:00	19.9	6.2	5.5	4.9
10/21/2006 16:00	18.7	5.3	4.0	3.5
10/21/2006 17:00	12.8	3.2	4.8	4.2
10/21/2006 18:00	14.9	6.3	4.7	4.4
10/21/2006 19:00	16.9	10.0	3.8	3.7
10/21/2006 20:00	22.8	15.8	3.0	3.0
10/21/2006 21:00	29.5	19.4	2.6	2.6
10/21/2006 22:00	25.9	15.0	1.7	1.7
10/21/2006 23:00	13.3	7.0	3.5	3.5
10/22/2006 0:00	13.6	7.2	3.4	3.4
10/22/2006 1:00	4.9	2.8	19.3	11.4

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/22/2006 2:00	12.3	6.7	7.9	6.7
10/22/2006 3:00	9.7	5.1	9.9	8.1
10/22/2006 4:00	8.6	5.4	10.9	7.6
10/22/2006 5:00	9.0	6.0	10.5	7.2
10/22/2006 6:00	8.5	5.9	7.9	5.8
10/22/2006 7:00	11.8	5.9	6.4	5.6
10/22/2006 8:00	15.2	7.2	2.2	2.2
10/22/2006 9:00	20.2	6.4	2.4	2.4
10/22/2006 10:00	15.8	4.4	3.2	3.2
10/22/2006 11:00	18.3	6.0	2.6	2.6
10/22/2006 12:00	16.7	3.8	1.8	1.8
10/22/2006 13:00	14.3	3.8	1.6	1.6
10/22/2006 14:00	16.0	3.6	1.3	1.3
10/22/2006 15:00	14.6	3.0	0.3	0.3
10/22/2006 16:00	9.7	outlier removed	outlier removed	outlier removed
10/22/2006 17:00	9.0	outlier removed	0.01	0.0
10/22/2006 18:00	15.8	4.7	1.5	1.5
10/22/2006 19:00	18.4	7.7	9.6	9.6
10/22/2006 20:00	12.4	3.6	5.6	5.6
10/22/2006 21:00	12.5	3.3	6.3	6.2
10/22/2006 22:00	17.9	7.5	5.9	5.9
10/22/2006 23:00	17.5	7.2	6.4	6.4
10/23/2006 0:00	17.8	7.5	8.4	8.4
10/23/2006 1:00	12.2	3.9	0.9	0.9
10/23/2006 2:00	9.4	1.9	0.6	0.6
10/23/2006 3:00	7.9	1.4	0.1	0.1
10/23/2006 4:00	6.3	0.2	outlier removed	outlier removed
10/23/2006 5:00	7.6	0.8	outlier removed	outlier removed
10/23/2006 6:00	12.3	2.3	0.2	0.2
10/23/2006 7:00	21.5	5.8	1.7	1.7
10/23/2006 8:00	27.0	8.2	3.1	3.1
10/23/2006 9:00	32.1	8.3	3.4	3.4
10/23/2006 10:00	31.9	7.1	2.9	2.9
10/23/2006 11:00	27.6	5.8	2.9	2.9
10/23/2006 12:00	27.6	4.5	1.9	1.9
10/23/2006 13:00	24.9	3.8	1.5	1.5
10/23/2006 14:00	30.8	4.4	1.2	1.2
10/23/2006 15:00	25.2	3.5	1.6	1.6
10/23/2006 16:00	26.8	4.2	1.8	1.8
10/23/2006 17:00	30.0	5.3	1.7	1.7
10/23/2006 18:00	29.6	4.5	1.5	1.5
10/23/2006 19:00	27.9	5.7	3.3	3.3
10/23/2006 20:00	28.1	7.3	4.0	4.0
10/23/2006 21:00	27.8	6.8	4.2	4.2
10/23/2006 22:00	30.7	7.4	4.0	4.0
10/23/2006 23:00	25.2	6.7	4.5	4.5

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/24/2006 0:00	21.5	4.7	3.2	3.2
10/24/2006 1:00	21.1	5.1	2.3	2.3
10/24/2006 2:00	19.4	6.1	3.7	3.7
10/24/2006 3:00	18.3	5.1	3.2	3.2
10/24/2006 4:00	20.0	5.9	3.0	3.0
10/24/2006 5:00	28.3	8.2	2.8	2.8
10/24/2006 6:00	33.4	8.3	3.7	3.7
10/24/2006 7:00	36.8	6.5	6.2	6.2
10/24/2006 8:00	35.4	8.0	13.1	9.3
10/24/2006 9:00	34.7	6.8	16.2	8.9
10/24/2006 10:00	33.7	5.8	15.4	7.3
10/24/2006 11:00	25.8	3.4	15.2	6.0
10/24/2006 12:00	24.4	3.3	10.7	4.6
10/24/2006 13:00	26.8	4.0	10.7	5.2
10/24/2006 14:00	26.4	4.1	8.9	4.3
10/24/2006 15:00	32.3	6.6	11.6	6.0
10/24/2006 16:00	29.0	7.0	13.1	6.6
10/24/2006 17:00	35.3	9.8	21.0	10.0
10/24/2006 18:00	35.5	10.9	21.8	10.8
10/24/2006 19:00	51.1	16.1	31.5	14.6
10/24/2006 20:00	59.8	20.7	44.1	18.5
10/24/2006 21:00	30.9	14.3	24.3	12.1
10/24/2006 22:00	47.7	16.7	20.9	12.4
10/24/2006 23:00	40.8	13.5	22.4	13.8
10/25/2006 0:00	41.8	15.4	25.0	14.5
10/25/2006 1:00	35.1	14.3	21.7	13.1
10/25/2006 2:00	26.3	10.5	17.8	12.0
10/25/2006 3:00	28.7	11.0	18.0	11.4
10/25/2006 4:00	31.5	11.1	17.8	11.5
10/25/2006 5:00	30.9	11.5	16.2	11.2
10/25/2006 6:00	36.0	10.9	7.5	7.5
10/25/2006 7:00	57.9	13.1	10.7	10.7
10/25/2006 8:00	61.7	14.8	16.0	13.7
10/25/2006 9:00	88.0	14.4	32.0	15.0
10/25/2006 10:00	57.6	11.3	23.9	11.2
10/25/2006 11:00	40.8	10.0	20.5	8.8
10/25/2006 12:00	34.9	6.9	12.9	6.8
10/25/2006 13:00	30.2	4.9	20.0	8.0
10/25/2006 14:00	40.1	10.1	16.0	8.9
10/25/2006 15:00	40.4	10.6	21.2	10.0
10/25/2006 16:00	30.4	7.8	14.3	6.8
10/25/2006 17:00	37.5	10.5	24.8	10.9
10/25/2006 18:00	33.1	12.1	30.1	12.7
10/25/2006 19:00	25.5	12.7	53.3	18.5
10/25/2006 20:00	17.6	12.1	67.4	20.0
10/25/2006 21:00	22.6	15.2	36.4	15.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/25/2006 22:00	47.2	15.8	40.5	15.1
10/25/2006 23:00	45.4	13.6	7.9	7.9
10/26/2006 0:00	53.1	13.8	7.4	7.4
10/26/2006 1:00	34.7	11.6	55.9	15.1
10/26/2006 2:00	19.0	10.7	92.6	19.5
10/26/2006 3:00	28.2	10.8	100.2	18.8
10/26/2006 4:00	58.9	8.5	68.4	15.0
10/26/2006 5:00	121.1	6.0	97.4	17.3
10/26/2006 6:00	122.2	3.4	128.5	19.6
10/26/2006 7:00	84.3	2.6	132.9	17.8
10/26/2006 8:00	outlier removed	outlier removed	139.7	18.8
10/26/2006 9:00	93.0	3.9	outlier removed	outlier removed
10/26/2006 10:00	89.8	7.7	138.8	25.4
10/26/2006 11:00	71.1	12.8	21.2	6.5
10/26/2006 12:00	14.4	0.8	5.1	2.6
10/26/2006 13:00	12.7	1.3	6.7	3.9
10/26/2006 14:00	15.1	2.3	3.3	2.8
10/26/2006 15:00	22.6	5.1	2.8	2.4
10/26/2006 16:00	29.1	6.9	2.7	2.4
10/26/2006 17:00	24.4	7.2	1.7	1.7
10/26/2006 18:00	3.9	0.9	3.6	3.3
10/26/2006 19:00	6.1	3.5	5.7	5.7
10/26/2006 20:00	3.9	1.5	32.5	14.7
10/26/2006 21:00	1.7		24.4	13.4
10/26/2006 22:00	2.9	0.5	35.5	14.3
10/26/2006 23:00	outlier removed	outlier removed	36.2	15.2
10/27/2006 0:00	12.8	10.3	45.0	20.4
10/27/2006 1:00	12.3	10.0	32.7	16.8
10/27/2006 2:00	outlier removed	outlier removed	21.4	9.8
10/27/2006 3:00	outlier removed	outlier removed	25.3	12.9
10/27/2006 4:00	outlier removed	outlier removed	27.2	12.8
10/27/2006 5:00	outlier removed	outlier removed	20.2	9.6
10/27/2006 6:00	outlier removed	outlier removed	20.1	9.3
10/27/2006 7:00	6.0	3.7	25.2	10.5
10/27/2006 8:00	9.7	4.2	36.0	14.4
10/27/2006 9:00	28.1	27.5	42.4	15.8
10/27/2006 10:00	15.2	15.2	29.5	10.7
10/27/2006 11:00	12.0	11.4	45.7	12.0
10/27/2006 12:00	14.6	17.0	53.1	16.6
10/27/2006 13:00	15.8	24.9	48.0	16.1
10/27/2006 14:00	22.0	14.8	48.0	13.1
10/27/2006 15:00	19.1	20.8	41.9	12.0
10/27/2006 16:00	23.1	23.7	47.7	15.6
10/27/2006 17:00	24.1	24.8	37.3	13.7
10/27/2006 18:00	20.1	20.1	34.5	12.1
10/27/2006 19:00	22.9	22.9	36.2	14.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/27/2006 20:00	19.9	19.9	27.9	10.6
10/27/2006 21:00	22.0	19.8	29.9	10.5
10/27/2006 22:00	31.4	17.5	30.0	14.7
10/27/2006 23:00	50.2	14.1	37.0	19.6
10/28/2006 0:00	42.5	11.9	37.5	20.0
10/28/2006 1:00	33.2	14.1	29.3	17.4
10/28/2006 2:00	32.4	19.9	20.7	13.4
10/28/2006 3:00	33.3	19.3	19.0	12.8
10/28/2006 4:00	38.2	13.3	19.1	12.3
10/28/2006 5:00	31.2	12.4	14.2	10.7
10/28/2006 6:00	22.8	9.6	12.8	9.0
10/28/2006 7:00	27.8	13.2	11.9	10.0
10/28/2006 8:00	46.3	28.8	12.5	11.7
10/28/2006 9:00	43.5	28.6	8.3	8.3
10/28/2006 10:00	35.8	23.7	7.7	7.4
10/28/2006 11:00	41.6	31.5	7.2	6.0
10/28/2006 12:00	30.7	24.1	5.8	4.8
10/28/2006 13:00	32.4	23.8	4.2	3.7
10/28/2006 14:00	20.8	6.9	3.3	2.9
10/28/2006 15:00	36.6	11.1	3.8	3.2
10/28/2006 16:00	43.8	16.7	9.5	6.9
10/28/2006 17:00	30.9	12.4	7.6	6.2
10/28/2006 18:00	36.0	9.6	3.3	3.0
10/28/2006 19:00	40.6	18.9	2.9	2.9
10/28/2006 20:00	16.8	14.4	3.4	3.4
10/28/2006 21:00	30.4	11.7	6.6	6.5
10/28/2006 22:00	34.3	8.9	3.1	3.1
10/28/2006 23:00	34.0	10.9	5.4	5.4
10/29/2006 0:00	25.5	10.3	4.7	4.7
10/29/2006 1:00	23.2	5.7	4.8	4.8
10/29/2006 2:00	21.6	6.2	3.6	3.6
10/29/2006 3:00	16.7	9.5	2.4	2.4
10/29/2006 4:00	13.1	10.3	2.4	2.4
10/29/2006 5:00	8.2	11.4	1.8	1.8
10/29/2006 6:00	8.0	8.7	1.6	1.6
10/29/2006 7:00	13.4	5.9	2.7	2.7
10/29/2006 8:00	13.7	9.5	2.4	2.4
10/29/2006 9:00	22.4	10.3	4.0	3.8
10/29/2006 10:00	24.3	11.7	3.4	2.5
10/29/2006 11:00	22.5	15.1	2.9	1.9
10/29/2006 12:00	28.3	11.8	2.1	1.2
10/29/2006 13:00	25.2	10.5	4.5	2.7
10/29/2006 14:00	21.9	10.3	1.6	0.9
10/29/2006 15:00	18.1	6.5	1.1	0.7
10/29/2006 16:00	15.2	9.3	1.2	0.8
10/29/2006 17:00	22.5	13.8	1.6	1.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/29/2006 18:00	23.5	11.7	1.7	1.5
10/29/2006 19:00	43.4	8.9	3.2	3.2
10/29/2006 20:00	72.2	10.3	5.9	5.9
10/29/2006 21:00	73.4	13.2	8.0	8.0
10/29/2006 22:00	66.3	12.5	5.9	5.9
10/29/2006 23:00	77.4	10.8	6.3	6.3
10/30/2006 0:00	78.8	9.8	6.7	6.7
10/30/2006 1:00	93.3	10.6	9.5	9.5
10/30/2006 2:00	86.7	13.5	19.8	16.2
10/30/2006 3:00	114.5	16.3	74.0	24.3
10/30/2006 4:00	262.1	16.0	16.0	13.8
10/30/2006 5:00	98.9	14.2	56.4	19.0
10/30/2006 6:00	135.8	13.6	19.2	16.7
10/30/2006 7:00	119.4	21.6	16.4	15.3
10/30/2006 8:00	318.9	21.8	19.1	15.8
10/30/2006 9:00	163.4	20.7	25.5	16.3
10/30/2006 10:00	130.7	19.3	11.3	8.0
10/30/2006 11:00	63.7	12.6	9.8	6.4
10/30/2006 12:00	67.1	22.8	11.2	7.4
10/30/2006 13:00	73.7	26.0	15.8	10.0
10/30/2006 14:00	69.9	23.9	17.3	11.3
10/30/2006 15:00	74.4	28.3	19.8	13.4
10/30/2006 16:00	59.2	18.9	9.1	7.2
10/30/2006 17:00	60.0	26.4	8.8	7.9
10/30/2006 18:00	59.8	25.3	6.7	6.7
10/30/2006 19:00	79.4	16.3	5.8	5.8
10/30/2006 20:00	60.9	17.1	6.9	6.9
10/30/2006 21:00	64.5	17.0	7.7	7.7
10/30/2006 22:00	46.5	23.0	4.2	4.2
10/30/2006 23:00	41.7	31.1	2.7	2.7
10/31/2006 0:00	34.3	23.1	3.1	3.1
10/31/2006 1:00	50.2	17.5	5.0	5.0
10/31/2006 2:00	52.9	17.2	9.2	9.2
10/31/2006 3:00	37.9	21.4	7.6	7.6
10/31/2006 4:00	29.1	14.9	5.4	5.4
10/31/2006 5:00	27.3	16.0	5.6	5.6
10/31/2006 6:00	21.5	18.1	4.0	4.0
10/31/2006 7:00	24.8	22.4	2.8	2.8
10/31/2006 8:00	25.9	19.4	6.1	6.1
10/31/2006 9:00	42.8	12.5	6.7	6.7
10/31/2006 10:00	46.2	20.3	9.3	9.0
10/31/2006 11:00	50.8	27.6	5.7	5.6
10/31/2006 12:00	43.7	39.1	5.0	4.7
10/31/2006 13:00	54.8	29.1	5.8	5.5
10/31/2006 14:00	57.9	37.2	8.5	7.1
10/31/2006 15:00	59.6	29.2	8.6	6.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/31/2006 16:00	29.3	13.9	8.4	6.6
10/31/2006 17:00	28.7	14.0	10.5	7.4
10/31/2006 18:00	29.7	13.9	8.1	7.1
10/31/2006 19:00	45.6	20.4	9.8	9.7
10/31/2006 20:00	45.5	22.4	16.6	15.4
10/31/2006 21:00	45.7	22.4	21.2	16.2
10/31/2006 22:00	42.5	20.6	19.0	15.4
10/31/2006 23:00	35.0	18.6	21.0	17.1
11/1/2006 0:00	49.2	22.6	21.5	17.9
11/1/2006 1:00	56.4	24.5	15.7	15.5
11/1/2006 2:00	61.7	25.6	13.5	13.3
11/1/2006 3:00	48.7	26.1	18.6	17.4
11/1/2006 4:00	38.6	21.7	32.4	22.1
11/1/2006 5:00	44.1	26.2	34.0	25.4
11/1/2006 6:00	33.6	18.8	35.2	21.0
11/1/2006 7:00	57.1	24.1	45.9	23.2
11/1/2006 8:00	55.3	23.6	22.6	18.1
11/1/2006 9:00	96.8	24.4	35.6	17.3
11/1/2006 10:00	91.1	23.7	31.8	15.2
11/1/2006 11:00	58.8	20.5	18.5	10.5
11/1/2006 12:00	37.3	13.1	15.2	8.3
11/1/2006 13:00	120.9	8.3	8.5	5.1
11/1/2006 14:00	26.0	9.5	5.5	3.7
11/1/2006 15:00	24.0	10.0	4.9	3.3
11/1/2006 16:00	30.3	11.5	5.5	4.1
11/1/2006 17:00	34.0	13.9	6.5	5.6
11/1/2006 18:00	41.9	19.8	9.7	8.9
11/1/2006 19:00	44.5	19.7	12.3	12.2
11/1/2006 20:00	40.7	19.3	9.2	9.0
11/1/2006 21:00	43.6	21.1	16.6	13.5
11/1/2006 22:00	36.9	19.0	31.1	22.9
11/1/2006 23:00	38.1	21.8	17.4	16.0
11/2/2006 0:00	45.0	26.1	14.0	13.6
11/2/2006 1:00	48.5	26.4	19.3	18.7
11/2/2006 2:00	47.9	25.1	13.1	13.2
11/2/2006 3:00	61.8	28.8	15.6	15.7
11/2/2006 4:00	41.2	21.8	14.1	14.0
11/2/2006 5:00	29.8	16.4	11.5	11.5
11/2/2006 6:00	33.0	17.1	10.2	10.2
11/2/2006 7:00	37.3	19.0	14.5	14.3
11/2/2006 8:00	42.2	18.8	13.8	13.6
11/2/2006 9:00	51.0	22.8	18.2	15.8
11/2/2006 10:00	76.6	27.5	35.3	20.2
11/2/2006 11:00	73.4	26.8	39.5	20.7
11/2/2006 12:00	55.2	21.9	27.8	15.1
11/2/2006 13:00	39.7	17.3	11.6	8.4

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
11/2/2006 14:00	43.2	17.4	8.3	6.9
11/2/2006 15:00	47.1	19.6	20.1	12.7
11/2/2006 16:00	79.3	44.5	14.1	11.2
11/2/2006 17:00	39.4	16.6	12.7	10.1
11/2/2006 18:00	36.3	14.7	11.2	9.2
11/2/2006 19:00	34.1	15.5	9.4	9.1
11/2/2006 20:00	55.3	20.7	12.6	12.4
11/2/2006 21:00	34.9	17.1	9.8	9.6
11/2/2006 22:00	44.2	18.4	8.9	8.9
11/2/2006 23:00	33.7	17.7	13.0	13.0
11/3/2006 0:00	34.0	17.2	12.4	12.2
11/3/2006 1:00	40.7	20.5	14.2	14.1
11/3/2006 2:00	34.6	18.5	11.2	11.2
11/3/2006 3:00	40.7	15.5	6.7	6.7
11/3/2006 4:00	28.4	12.7	6.5	6.5
11/3/2006 5:00	22.6	11.2	6.5	6.4
11/3/2006 6:00	34.0	14.9	6.4	6.3
11/3/2006 7:00	44.5	16.4	9.0	8.7
11/3/2006 8:00	38.9	15.4	12.5	11.9
11/3/2006 9:00	42.8	18.5	13.5	12.1
11/3/2006 10:00	50.5	18.4	15.2	11.5
11/3/2006 11:00	40.7	15.3	14.3	8.9
11/3/2006 12:00	40.1	12.1	15.1	8.0
11/3/2006 13:00	29.9	10.8	10.0	6.7
11/3/2006 14:00	28.5	10.7	9.3	6.5
11/3/2006 15:00	25.3	10.9	8.0	5.5
11/3/2006 16:00	31.4	13.1	7.1	5.6
11/3/2006 17:00	31.3	12.7	8.7	6.9
11/3/2006 18:00	33.4	15.4	10.1	8.8
11/3/2006 19:00	41.8	18.7	11.3	11.0
11/3/2006 20:00	49.7	23.1	12.9	12.8
11/3/2006 21:00	50.0	23.3	14.5	14.3
11/3/2006 22:00	60.4	26.3	20.5	19.7
11/3/2006 23:00	48.3	23.5	17.5	17.2
11/4/2006 0:00	78.1	25.8	15.7	15.6
11/4/2006 1:00	63.2	24.9	31.8	21.2
11/4/2006 2:00	60.9	24.0	32.6	21.4
11/4/2006 3:00	82.4	25.0	27.5	20.7
11/4/2006 4:00	87.1	24.3	28.9	19.1
11/4/2006 5:00	57.0	20.9	43.0	19.8
11/4/2006 6:00	72.4	21.3	133.5	21.6
11/4/2006 7:00	68.8	18.9	160.6	21.4
11/4/2006 8:00	85.2	19.0	163.9	20.2
11/4/2006 9:00	138.4	21.3	48.2	16.9
11/4/2006 10:00	63.0	19.5	26.9	14.2
11/4/2006 11:00	51.9	19.3	23.3	12.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
11/4/2006 12:00	26.4	12.4	12.0	7.6
11/4/2006 13:00	25.7	13.0	13.3	8.6
11/4/2006 14:00	20.7	10.9	8.1	5.5
11/4/2006 15:00	18.7	9.9	8.2	5.9
11/4/2006 16:00	21.7	11.9	10.8	8.1
11/4/2006 17:00	27.7	15.9	13.4	10.9
11/4/2006 18:00	36.5	21.2	13.4	12.3
11/4/2006 19:00	46.7	26.8	12.9	12.8
11/4/2006 20:00	34.8	22.0	13.1	13.1
11/4/2006 21:00	27.2	17.5	9.3	9.4
11/4/2006 22:00	21.6	14.6	9.2	9.2
11/4/2006 23:00	27.4	19.2	9.7	9.7
11/5/2006 0:00	24.2	16.7	8.4	8.4
11/5/2006 1:00	21.2	14.4	8.4	8.4
11/5/2006 2:00	26.9	19.0	8.7	8.7
11/5/2006 3:00	19.8	14.9	8.3	8.3
11/5/2006 4:00	17.7	12.7	6.7	6.8
11/5/2006 5:00	12.4	9.6	5.7	5.7
11/5/2006 6:00	15.8	13.3	10.8	10.8
11/5/2006 7:00	16.9	13.8	10.4	10.4
11/5/2006 8:00	18.2	13.6	12.5	12.5
11/5/2006 9:00	27.9	16.7	12.2	12.0
11/5/2006 10:00	24.7	14.7	11.5	10.1
11/5/2006 11:00	24.3	13.0	12.4	9.4
11/5/2006 12:00	29.9	13.5	15.2	9.2
11/5/2006 13:00	23.5	12.3	14.8	8.8
11/5/2006 14:00	27.8	14.4	15.8	10.2
11/5/2006 15:00	34.1	18.0	22.6	14.5
11/5/2006 16:00	34.8	19.4	13.5	11.1
11/5/2006 17:00	38.9	20.3	12.8	11.4
11/5/2006 18:00	42.3	22.8	12.9	12.3
11/5/2006 19:00	49.4	27.4	14.2	14.4
11/5/2006 20:00	56.0	26.4	13.1	13.2
11/5/2006 21:00	57.7	26.1	12.7	12.7
11/5/2006 22:00	62.4	26.1	12.3	12.3
11/5/2006 23:00	64.1	26.3	12.5	12.6
11/6/2006 0:00	28.5	23.1	12.6	12.7
11/6/2006 1:00	43.0	21.8	27.5	19.7
11/6/2006 2:00	148.3	27.1	25.1	17.4
11/6/2006 3:00	39.1	20.9	17.0	15.1
11/6/2006 4:00	61.8	21.3	20.8	15.0
11/6/2006 5:00	33.9	19.5	86.2	20.6
11/6/2006 6:00	49.2	19.2	85.6	21.3
11/6/2006 7:00	50.1	19.3	18.2	16.2
11/6/2006 8:00	35.3	19.2	16.4	14.8
11/6/2006 9:00	98.5	22.8	22.4	15.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
11/6/2006 10:00	81.2	22.6	18.1	12.7
11/6/2006 11:00	58.1	21.2	16.2	11.7
11/6/2006 12:00	35.7	16.8	14.4	9.7
11/6/2006 13:00	32.2	17.5	9.8	7.3
11/6/2006 14:00	27.9	14.9	10.0	7.8
11/6/2006 15:00	35.3	18.9	13.1	10.2
11/6/2006 16:00	35.7	19.8	11.2	9.5
11/6/2006 17:00	40.0	25.1	11.8	10.6
11/6/2006 18:00	25.2	21.9	11.2	10.8
11/6/2006 19:00	27.2	26.5	15.5	15.5
11/6/2006 20:00	27.3	25.8	12.5	12.5
11/6/2006 21:00	41.6	33.1	11.3	11.3
11/6/2006 22:00	75.2	38.5	13.1	13.1
11/6/2006 23:00	78.5	34.0	11.8	11.8
11/7/2006 0:00	83.6	33.5	13.4	13.4
11/7/2006 1:00	49.5	28.8	16.1	15.9
11/7/2006 2:00	42.3	26.8	10.4	10.4
11/7/2006 3:00	32.8	27.5	10.3	10.2
11/7/2006 4:00	56.9	32.0	7.8	7.4
11/7/2006 5:00	33.2	24.2	4.3	4.3
11/7/2006 6:00	20.4	13.7	6.7	6.7
11/7/2006 7:00	48.4	28.1	9.5	9.5
11/7/2006 8:00	60.7	29.4	11.7	11.7
11/7/2006 9:00	51.6	29.5	11.9	11.9
11/7/2006 10:00	38.6	24.5	12.3	11.9
11/7/2006 11:00	20.9	17.5	10.4	9.7
11/7/2006 12:00	26.9	17.7	8.4	7.9
11/7/2006 13:00	29.7	18.8	8.7	8.4
11/7/2006 14:00	55.6	22.9	9.1	8.5
11/7/2006 15:00	51.0	23.3	10.3	9.5
11/7/2006 16:00	40.9	21.5	9.9	9.3
11/7/2006 17:00	22.3	18.5	12.0	11.6
11/7/2006 18:00	26.1	21.5	14.6	13.5
11/7/2006 19:00	25.3	22.0	13.7	13.4
11/7/2006 20:00	23.8	20.4	13.5	13.4
11/7/2006 21:00	23.8	20.4	12.4	12.4
11/7/2006 22:00	26.6	21.1	13.4	13.4
11/7/2006 23:00	24.3	19.2	10.8	10.8
11/8/2006 0:00	44.4	20.9	8.7	8.7
11/8/2006 1:00	44.1	19.8	7.6	7.6
11/8/2006 2:00	46.3	19.3	7.9	7.9
11/8/2006 3:00	36.4	17.9	8.2	8.3
11/8/2006 4:00	24.2	15.1	7.6	7.6
11/8/2006 5:00	41.0	16.2	10.7	9.1
11/8/2006 6:00	39.9	15.0	7.2	7.2
11/8/2006 7:00	23.8	13.9	10.7	8.5

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
11/8/2006 8:00	43.0	15.2	15.3	10.6
11/8/2006 9:00	50.5	16.0	17.4	10.8
11/8/2006 10:00	72.7	15.8	19.2	11.5
11/8/2006 11:00	78.3	18.0	29.8	14.0
11/8/2006 12:00	70.2	21.5	35.3	15.8
11/8/2006 13:00	53.5	21.9	31.9	17.4
11/8/2006 14:00	57.8	24.5	19.0	13.8
11/8/2006 15:00	61.3	24.8	24.8	17.3
11/8/2006 16:00	43.5	19.2	16.2	13.2
11/8/2006 17:00	46.4	20.6	10.9	10.0
11/8/2006 18:00	38.1	19.2	10.0	10.0
11/8/2006 19:00	51.3	20.0	8.9	8.9
11/8/2006 20:00	38.5	16.8	7.2	7.2
11/8/2006 21:00	39.7	17.0	5.6	5.6
11/8/2006 22:00	39.8	17.5	5.1	5.1
11/8/2006 23:00	40.9	18.4	5.9	5.9
11/9/2006 0:00	30.9	15.1	7.7	7.7
11/9/2006 1:00	24.5	13.6	7.7	7.7
11/9/2006 2:00	24.0	12.8	7.8	7.8
11/9/2006 3:00	25.4	14.7	10.6	10.6
11/9/2006 4:00	27.0	14.9	9.7	9.7
11/9/2006 5:00	35.2	16.0	9.2	9.2
11/9/2006 6:00	48.2	17.9	9.0	9.0
11/9/2006 7:00	42.4	15.7	8.4	8.4
11/9/2006 8:00	39.0	13.6	9.0	9.0
11/9/2006 9:00	47.2	16.4	12.2	11.0
11/9/2006 10:00	44.7	14.7	15.6	10.2
11/9/2006 11:00	40.0	14.0	16.6	9.1
11/9/2006 12:00	35.7	13.1	12.7	7.6
11/9/2006 13:00	30.7	11.7	12.7	8.1
11/9/2006 14:00	33.7	13.6	11.9	8.4
11/9/2006 15:00	34.1	15.1	12.0	9.1
11/9/2006 16:00	32.7	16.3	11.1	9.2
11/9/2006 17:00	38.6	19.1	12.5	11.2
11/9/2006 18:00	43.6	23.5	21.6	18.8
11/9/2006 19:00	63.5	36.3	69.0	40.6
11/9/2006 20:00	121.3	43.9	138.4	45.5
11/9/2006 21:00	159.6	43.9	117.7	43.6
11/9/2006 22:00	83.0	35.2	112.8	35.9
11/9/2006 23:00	10.6	9.8	36.0	12.0
11/10/2006 0:00	10.3	9.5	29.1	11.1
11/10/2006 1:00	16.3	14.4	40.5	15.0
11/10/2006 2:00	14.3	12.2	39.0	15.5
11/10/2006 3:00	14.5	12.8	42.2	17.2
11/10/2006 4:00	14.0	12.4	39.4	16.5
11/10/2006 5:00	10.5	9.6	24.2	11.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
11/10/2006 6:00	10.9	9.4	33.4	12.8
11/10/2006 7:00	15.9	13.3	50.6	16.5
11/10/2006 8:00	17.2	14.3	68.7	20.1
11/10/2006 9:00	28.6	18.5	73.2	20.9
11/10/2006 10:00	29.5	16.2	68.2	18.3
11/10/2006 11:00	6.2	4.2	28.9	8.8
11/10/2006 12:00	4.6	2.8	30.7	8.6
11/10/2006 13:00	3.8	2.2	30.5	8.3
11/10/2006 14:00	6.1	3.5	37.0	12.2
11/10/2006 15:00	6.6	3.8	42.4	12.3
11/10/2006 16:00	7.1	4.5	45.8	11.3
11/10/2006 17:00	6.6	4.7	46.3	12.5
11/10/2006 18:00	8.3	7.3	35.0	11.1
11/10/2006 19:00	7.0	6.2	38.1	11.9
11/10/2006 20:00	6.2	5.5	24.7	10.1
11/10/2006 21:00	4.5	3.9	26.4	9.1
11/10/2006 22:00	4.2	3.6	19.9	7.5
11/10/2006 23:00	6.9	6.2	25.6	9.4
11/11/2006 0:00	6.7	6.0	28.8	9.9
11/11/2006 1:00	9.8	8.5	18.9	9.9
11/11/2006 2:00	16.4	12.7	15.2	11.4
11/11/2006 3:00	12.3	10.8	16.8	10.6
11/11/2006 4:00	10.2	9.1	14.3	8.8
11/11/2006 5:00	12.5	10.8	13.6	8.7
11/11/2006 6:00	10.8	8.9	16.3	9.0
11/11/2006 7:00	9.2	8.0	13.9	8.8
11/11/2006 8:00	9.1	7.9	13.7	7.4
11/11/2006 9:00	9.1	7.9	12.7	5.8
11/11/2006 10:00	14.4	8.9	16.2	8.0
11/11/2006 11:00	20.1	12.4	23.4	10.8
11/11/2006 12:00	11.2	7.8	19.3	8.3
11/11/2006 13:00	8.7	6.0	23.5	9.3
11/11/2006 14:00	8.0	5.5	21.7	8.9
11/11/2006 15:00	8.6	6.2	20.5	7.5
11/11/2006 16:00	8.5	6.3	19.7	7.7
11/11/2006 17:00	9.8	6.6	20.2	9.2
11/11/2006 18:00	9.6	6.9	18.2	8.0
11/11/2006 19:00	7.6	6.2	16.9	7.0
11/11/2006 20:00	7.9	6.2	13.9	7.8
11/11/2006 21:00	10.8	8.2	17.0	8.5
11/11/2006 22:00	7.5	5.9	14.3	8.1
11/11/2006 23:00	7.9	5.9	14.0	7.2
11/12/2006 0:00	6.5	5.1	11.9	7.0
11/12/2006 1:00	7.3	6.3	12.2	6.8
11/12/2006 2:00	8.0	6.5	9.7	6.8
11/12/2006 3:00	5.7	4.3	10.5	6.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
11/12/2006 4:00	5.9	4.6	8.5	5.8
11/12/2006 5:00	8.7	7.3	6.8	4.8
11/12/2006 6:00	5.9	4.6	6.3	4.9
11/12/2006 7:00	10.6	9.4	9.7	6.0
11/12/2006 8:00	7.8	6.7	12.4	9.2
11/12/2006 9:00	7.6	6.2	14.0	9.4
11/12/2006 10:00	12.8	10.3	21.5	13.1
11/12/2006 11:00	13.2	10.6	23.5	12.5
11/12/2006 12:00	15.0	10.8	23.9	12.3
11/12/2006 13:00	8.1	5.8	31.5	13.4
11/12/2006 14:00	6.9	4.9	25.5	11.7
11/12/2006 15:00	9.2	7.0	20.4	9.8
11/12/2006 16:00	8.6	6.4	24.1	10.4
11/12/2006 17:00	6.7	5.2	22.9	11.3
11/12/2006 18:00	6.9	5.8	26.6	13.1
11/12/2006 19:00	4.9	4.2	40.4	18.5
11/12/2006 20:00	8.8	8.1	44.8	21.7
11/12/2006 21:00	5.1	4.3	27.2	14.0
11/12/2006 22:00	5.2	4.4	5.2	4.3
11/12/2006 23:00	9.4	7.9	9.3	7.4
11/13/2006 0:00	6.8	6.0	13.9	10.0
11/13/2006 1:00	3.6	2.8	3.0	2.0
11/13/2006 2:00	6.1	4.7	5.2	4.0
11/13/2006 3:00	4.5	3.6	3.7	2.9
11/13/2006 4:00	7.9	5.8	0.7	0.3
11/13/2006 5:00	9.1	6.5	0.4	0.0
11/13/2006 6:00	7.0	4.7	0.9	0.5
11/13/2006 7:00	7.8	6.0	1.3	0.9
11/13/2006 8:00	30.7	12.7	1.4	0.9
11/13/2006 9:00	31.3	17.7	3.1	2.3
11/13/2006 10:00	39.2	14.6	4.8	3.8
11/13/2006 11:00	26.8	11.8	2.2	1.6
11/13/2006 12:00	24.3	10.5	2.4	1.7
11/13/2006 13:00	25.2	11.6	3.2	2.2
11/13/2006 14:00	30.2	12.6	3.8	2.6
11/13/2006 15:00	36.0	15.2	5.7	3.9
11/13/2006 16:00	30.3	11.8	3.0	2.4
11/13/2006 17:00	38.4	15.3	4.1	3.5
11/13/2006 18:00	42.5	17.5	5.7	5.0
11/13/2006 19:00	58.9	26.6	24.3	22.1
11/13/2006 20:00	63.8	25.8	19.1	18.2
11/13/2006 21:00	57.1	24.6	19.7	18.1
11/13/2006 22:00	70.1	25.8	18.7	17.7
11/13/2006 23:00	79.2	26.7	22.1	18.0
11/14/2006 0:00	75.3	26.8	19.0	17.8
11/14/2006 1:00	108.9	25.8	122.1	26.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
11/14/2006 2:00	123.6	26.1	162.7	27.2
11/14/2006 3:00	169.9	26.7	151.3	24.7
11/14/2006 4:00	204.7	29.7	149.3	23.5
11/14/2006 5:00	221.3	26.8	152.4	19.5
11/14/2006 6:00	136.2	22.6	42.1	14.7
11/14/2006 7:00	86.7	20.5	70.5	21.6
11/14/2006 8:00	106.4	21.5	100.7	22.6
11/14/2006 9:00	135.0	22.9	101.7	21.1
11/14/2006 10:00	164.1	26.6	117.6	20.5
11/14/2006 11:00	95.6	22.1	117.9	23.9
11/14/2006 12:00	33.7	16.3	69.1	20.1
11/14/2006 13:00	29.2	14.9	54.4	17.0
11/14/2006 14:00	27.8	15.7	45.8	18.2
11/14/2006 15:00	39.8	18.7	22.1	15.5
11/14/2006 16:00	50.5	19.7	15.3	12.3
11/14/2006 17:00	outlier removed	outlier removed	11.0	8.7
11/14/2006 18:00	43.8	19.5	outlier removed	outlier removed
11/14/2006 19:00	69.0	24.9	14.5	13.7
11/14/2006 20:00	57.0	25.3	22.6	16.3
11/14/2006 21:00	73.5	23.7	28.1	19.6
11/14/2006 22:00	51.7	24.0	91.2	26.1
11/14/2006 23:00	93.0	24.9	57.4	23.2
11/15/2006 0:00	84.7	24.6	19.8	15.5
11/15/2006 1:00	104.8	26.2	19.9	17.1
11/15/2006 2:00	78.7	22.9	102.5	20.8
11/15/2006 3:00	68.5	20.4	216.9	24.7
11/15/2006 4:00	47.6	14.2	172.5	23.5
11/15/2006 5:00	62.7	12.8	134.6	19.7
11/15/2006 6:00	68.9	13.8	154.0	18.9
11/15/2006 7:00	64.2	13.1	136.9	21.4
11/15/2006 8:00	75.5	17.1	145.0	22.0
11/15/2006 9:00	73.5	18.7	144.0	23.3
11/15/2006 10:00	48.2	22.5	114.5	23.6
11/15/2006 11:00	30.7	18.4	77.9	21.3
11/15/2006 12:00	16.8	11.7	53.2	16.3
11/15/2006 13:00	10.4	8.1	51.0	15.5
11/15/2006 14:00	13.8	10.0	61.5	17.9
11/15/2006 15:00	14.6	11.4	53.2	18.5
11/15/2006 16:00	14.2	12.5	65.9	20.3
11/15/2006 17:00	14.0	13.1	60.2	17.3
11/15/2006 18:00	13.1	13.1	64.1	20.2
11/15/2006 19:00	11.5	11.5	58.5	19.4
11/15/2006 20:00	12.9	12.9	57.8	19.1
11/15/2006 21:00	10.6	10.6	38.0	15.5
11/15/2006 22:00	13.9	13.9	34.9	16.0
11/15/2006 23:00	14.3	14.3	38.9	18.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
11/16/2006 0:00	15.7	15.5	30.5	14.7
11/16/2006 1:00	13.4	13.4	23.4	14.8
11/16/2006 2:00	13.6	13.6	23.4	14.3
11/16/2006 3:00	12.4	12.4	20.3	12.7
11/16/2006 4:00	15.9	15.7	22.1	14.7
11/16/2006 5:00	19.9	19.2	27.1	18.3
11/16/2006 6:00	20.6	19.6	25.4	18.7
11/16/2006 7:00	17.5	16.7	26.8	16.4
11/16/2006 8:00	15.1	14.5	24.8	15.0
11/16/2006 9:00	17.0	15.6	31.1	16.9
11/16/2006 10:00	18.5	16.2	39.1	18.7
11/16/2006 11:00	18.3	15.5	42.3	19.2
11/16/2006 12:00	17.9	13.2	40.3	17.6
11/16/2006 13:00	15.9	12.3	47.0	16.1
11/16/2006 14:00	15.8	12.5	45.1	18.5
11/16/2006 15:00	12.7	9.6	44.0	15.0
11/16/2006 16:00	11.8	9.7	47.5	17.3
11/16/2006 17:00	13.9	11.9	43.5	16.4
11/16/2006 18:00	21.5	17.1	48.4	20.5
11/16/2006 19:00	16.2	14.2	44.3	17.4
11/16/2006 20:00	11.3	10.2	39.8	15.7
11/16/2006 21:00	20.4	13.5	49.6	18.1
11/16/2006 22:00	45.0	19.2	41.2	18.2
11/16/2006 23:00	41.3	18.5	37.7	16.8
11/17/2006 0:00	33.7	15.3	31.5	13.8
11/17/2006 1:00	27.4	13.5	26.8	14.4
11/17/2006 2:00	22.1	12.1	21.6	14.2
11/17/2006 3:00	20.4	12.9	23.5	15.6
11/17/2006 4:00	25.1	16.4	21.8	17.4
11/17/2006 5:00	25.4	15.0	18.5	16.5
11/17/2006 6:00	29.8	19.8	20.3	19.2
11/17/2006 7:00	21.0	12.2	5.6	5.6
11/17/2006 8:00	33.2	16.3	6.9	6.9
11/17/2006 9:00	36.6	17.1	8.6	8.6
11/17/2006 10:00	38.6	19.1	10.4	10.4
11/17/2006 11:00	30.3	13.9	6.6	6.6
11/17/2006 12:00	40.8	21.9	18.3	15.1
11/17/2006 13:00	38.6	18.6	9.7	8.6
11/17/2006 14:00	30.9	14.2	6.6	6.1
11/17/2006 15:00	33.2	14.7	5.9	5.0
11/17/2006 16:00	27.7	12.8	5.3	4.9
11/17/2006 17:00	29.2	12.7	5.6	5.6
11/17/2006 18:00	33.1	14.2	6.1	6.1
11/17/2006 19:00	36.6	18.3	6.5	6.5
11/17/2006 20:00	43.9	19.5	8.9	8.9
11/17/2006 21:00	53.2	24.6	7.2	7.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
11/17/2006 22:00	56.5	27.6	49.1	23.0
11/17/2006 23:00	30.2	22.6	26.6	19.6
11/18/2006 0:00	54.6	27.0	12.3	12.3
11/18/2006 1:00	25.3	20.9	15.1	15.1
11/18/2006 2:00	35.8	23.2	13.3	13.3
11/18/2006 3:00	41.0	20.2	12.5	12.5
11/18/2006 4:00	35.6	19.7	14.9	14.9
11/18/2006 5:00	30.8	17.6	17.8	17.8
11/18/2006 6:00	28.9	17.2	15.0	15.0
11/18/2006 7:00	50.1	17.8	17.0	14.5
11/18/2006 8:00	44.3	15.0	18.0	14.0
11/18/2006 9:00	39.1	14.2	41.4	16.4
11/18/2006 10:00	51.8	18.6	85.8	21.8
11/18/2006 11:00	26.9	17.0	44.8	19.2
11/18/2006 12:00	14.2	11.2	33.6	14.7
11/18/2006 13:00	10.4	8.2	27.8	11.7
11/18/2006 14:00	7.8	6.8	28.1	11.6
11/18/2006 15:00	10.0	8.1	29.8	13.6
11/18/2006 16:00	14.3	11.4	38.9	17.9
11/18/2006 17:00	19.1	16.0	42.1	20.8
11/18/2006 18:00	15.8	15.0	35.7	20.2
11/18/2006 19:00	11.0	11.0	49.9	20.5
11/18/2006 20:00	13.5	13.5	42.0	20.9
11/18/2006 21:00	11.6	11.2	31.2	16.0
11/18/2006 22:00	11.9	11.1	23.8	14.9
11/18/2006 23:00	14.1	13.2	24.6	15.3
11/19/2006 0:00	18.9	15.9	24.7	17.1
11/19/2006 1:00	49.6	27.3	49.0	27.6
11/19/2006 2:00	22.4	18.9	37.4	22.9
11/19/2006 3:00	19.7	16.8	25.0	18.1
11/19/2006 4:00	16.8	15.4	26.2	19.3
11/19/2006 5:00	15.3	13.5	16.7	13.2
11/19/2006 6:00	18.0	16.1	20.5	15.7
11/19/2006 7:00	11.0	10.1	12.5	10.0
11/19/2006 8:00	7.8	6.8	9.0	6.6
11/19/2006 9:00	8.1	7.1	9.3	6.2
11/19/2006 10:00	10.7	8.5	15.0	8.1
11/19/2006 11:00	8.0	6.0	14.5	8.0
11/19/2006 12:00	9.4	7.2	17.1	7.4
11/19/2006 13:00	11.1	7.0	20.1	8.1
11/19/2006 14:00	17.7	10.1	22.9	9.9
11/19/2006 15:00	13.0	8.4	22.4	10.1
11/19/2006 16:00	13.5	9.6	23.0	10.8
11/19/2006 17:00	10.3	9.0	32.4	14.7
11/19/2006 18:00	16.0	11.7	28.1	14.4
11/19/2006 19:00	14.2	11.9	33.7	14.4

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
11/19/2006 20:00	12.7	10.5	28.6	14.8
11/19/2006 21:00	8.0	7.1	20.4	10.3
11/19/2006 22:00	15.9	12.1	20.0	10.7
11/19/2006 23:00	12.7	9.9	25.3	12.5
11/20/2006 0:00	10.2	8.1	16.4	9.1
11/20/2006 1:00	25.0	15.7	21.7	13.1
11/20/2006 2:00	24.1	15.4	22.5	14.6
11/20/2006 3:00	31.1	19.0	28.4	18.4
11/20/2006 4:00	29.2	17.7	25.6	16.5
11/20/2006 5:00	24.3	17.7	20.6	13.9
11/20/2006 6:00	25.3	16.3	25.7	14.6
11/20/2006 7:00	13.3	11.4	20.7	11.5
11/20/2006 8:00	17.3	15.3	34.7	18.6
11/20/2006 9:00	29.9	21.8	54.8	24.8
11/20/2006 10:00	37.7	22.2	77.7	27.7
11/20/2006 11:00	34.7	18.7	64.5	21.2
11/20/2006 12:00	20.4	12.6	49.9	18.6
11/20/2006 13:00	29.7	14.4	43.6	16.4
11/20/2006 14:00	15.2	9.3	40.1	14.9
11/20/2006 15:00	16.7	10.1	43.1	17.6
11/20/2006 16:00	14.4	9.1	38.7	16.5
11/20/2006 17:00	13.1	9.6	53.2	20.1
11/20/2006 18:00	9.1	8.8	72.4	25.2
11/20/2006 19:00	9.9	9.9	60.0	25.7
11/20/2006 20:00	33.3	22.3	10.9	10.9
11/20/2006 21:00	44.3	22.1	6.6	6.6
11/20/2006 22:00	50.9	23.5	5.4	5.4
11/20/2006 23:00	51.0	26.1	4.6	4.6
11/21/2006 0:00	32.4	22.9	4.6	4.6
11/21/2006 1:00	56.4	22.9	8.6	8.6
11/21/2006 2:00	47.8	24.1	16.9	11.5
11/21/2006 3:00	53.3	24.0	4.5	4.5
11/21/2006 4:00	53.4	25.8	14.3	14.3
11/21/2006 5:00	61.7	26.9	24.4	24.0
11/21/2006 6:00	73.9	28.4	24.3	23.1
11/21/2006 7:00	82.1	28.0	31.0	25.9
11/21/2006 8:00	103.1	27.3	26.1	22.7
11/21/2006 9:00	87.1	25.5	36.8	22.7
11/21/2006 10:00	120.1	25.7	40.3	18.7
11/21/2006 11:00	52.7	19.5	15.7	11.0
11/21/2006 12:00	47.9	17.7	18.5	10.9
11/21/2006 13:00	61.7	22.8	24.3	13.4
11/21/2006 14:00	38.6	15.5	13.1	8.1
11/21/2006 15:00	32.0	12.7	6.4	4.7
11/21/2006 16:00	32.7	13.0	6.9	5.3
11/21/2006 17:00	41.3	17.3	9.3	8.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
11/21/2006 18:00	59.0	24.6	12.7	11.8
11/21/2006 19:00	85.0	28.6	12.2	12.2
11/21/2006 20:00	63.7	27.4	14.1	14.1
11/21/2006 21:00	52.3	25.5	10.6	10.6
11/21/2006 22:00	73.7	26.5	10.7	10.7
11/21/2006 23:00	80.3	26.0	8.1	8.1
11/22/2006 0:00	28.7	21.1	62.5	16.7
11/22/2006 1:00	45.1	21.7	186.7	30.2
11/22/2006 2:00	37.7	19.8	175.5	27.3
11/22/2006 3:00	94.5	20.8	127.4	24.3
11/22/2006 4:00	69.4	19.5	147.8	25.3
11/22/2006 5:00	82.0	17.6	174.4	24.9
11/22/2006 6:00	107.2	20.1	226.2	28.4
11/22/2006 7:00	122.9	20.2	211.9	28.3
11/22/2006 8:00	153.6	21.3	227.6	29.4
11/22/2006 9:00	175.3	22.5	310.8	34.0
11/22/2006 10:00	223.9	26.4	236.0	33.0
11/22/2006 11:00	153.2	27.0	167.9	27.0
11/22/2006 12:00	62.3	20.0	105.1	23.6
11/22/2006 13:00	34.3	21.3	55.7	20.3
11/22/2006 14:00	28.2	16.0	40.4	18.5
11/22/2006 15:00	14.8	10.2	24.3	12.8
11/22/2006 16:00	14.2	9.7	19.0	11.4
11/22/2006 17:00	13.7	9.2	39.5	18.0
11/22/2006 18:00	12.2	11.6	81.2	27.8
11/22/2006 19:00	21.4	21.1	124.4	37.2
11/22/2006 20:00	28.4	27.0	139.0	35.9
11/22/2006 21:00	49.7	29.5	181.4	36.7
11/22/2006 22:00	84.5	28.9	227.5	35.7
11/22/2006 23:00	156.4	30.9	288.4	37.0
11/23/2006 0:00	73.4	23.6	344.6	36.7
11/23/2006 1:00	164.8	24.4	229.4	29.9
11/23/2006 2:00	200.4	25.2	217.7	29.4
11/23/2006 3:00	183.1	23.3	238.1	29.0
11/23/2006 4:00	231.6	25.4	221.0	27.5
11/23/2006 5:00	264.9	29.9	213.2	27.8
11/23/2006 6:00	230.0	26.9	194.1	30.8
11/23/2006 7:00	244.6	29.8	199.0	29.9
11/23/2006 8:00	254.8	29.1	248.2	29.6
11/23/2006 9:00	228.3	26.3	233.0	27.6
11/23/2006 10:00	233.6	28.1	172.8	26.1
11/23/2006 11:00	82.5	21.9	106.7	25.0
11/23/2006 12:00	65.2	21.5	63.6	21.2
11/23/2006 13:00	57.6	23.1	67.5	23.1
11/23/2006 14:00	73.3	30.3	60.6	24.2
11/23/2006 15:00	66.5	28.6	43.9	22.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
11/23/2006 16:00	52.2	21.5	42.6	24.6
11/23/2006 17:00	75.9	26.7	40.3	21.3
11/23/2006 18:00	121.2	29.6	38.9	24.5
11/23/2006 19:00	159.1	30.6	70.1	27.6
11/23/2006 20:00	148.6	28.2	56.9	22.6
11/23/2006 21:00	94.2	24.9	50.4	20.0
11/23/2006 22:00	76.1	21.5	46.5	20.5
11/23/2006 23:00	74.0	19.5	46.0	19.1
11/24/2006 0:00	74.1	18.3	46.3	18.4
11/24/2006 1:00	86.1	18.4	45.4	17.4
11/24/2006 2:00	85.8	16.5	45.0	15.5
11/24/2006 3:00	87.8	15.5	75.0	16.6
11/24/2006 4:00	116.3	16.3	74.2	15.8
11/24/2006 5:00	118.1	15.1	66.6	14.7
11/24/2006 6:00	67.6	14.1	34.8	13.6
11/24/2006 7:00	62.1	15.3	36.5	15.8
11/24/2006 8:00	85.1	21.8	44.2	20.8
11/24/2006 9:00	66.8	23.6	40.5	24.1
11/24/2006 10:00	54.5	19.1	21.5	13.9
11/24/2006 11:00	37.3	14.2	10.2	7.3
11/24/2006 12:00	24.1	10.8	9.3	6.6
11/24/2006 13:00	26.0	15.5	9.6	6.4
11/24/2006 14:00	20.0	11.1	9.7	7.1
11/24/2006 15:00	27.2	13.3	11.4	8.9
11/24/2006 16:00	35.9	17.4	14.6	11.5
11/24/2006 17:00	49.3	22.6	16.6	15.0
11/24/2006 18:00	39.7	24.1	23.0	20.5
11/24/2006 19:00	38.0	23.2	56.6	24.7
11/24/2006 20:00	40.1	22.6	49.4	23.9
11/24/2006 21:00	42.9	21.9	34.9	22.8
11/24/2006 22:00	41.3	20.8	21.3	19.1
11/24/2006 23:00	51.8	19.2	97.7	22.6
11/25/2006 0:00	75.5	19.4	124.4	22.8
11/25/2006 1:00	124.5	22.7	38.1	21.4
11/25/2006 2:00	126.2	23.0	22.6	21.3
11/25/2006 3:00	145.1	22.4	78.8	23.2
11/25/2006 4:00	73.0	20.7	102.9	25.2
11/25/2006 5:00	136.1	23.0	116.6	24.4
11/25/2006 6:00	179.4	26.0	92.2	22.9
11/25/2006 7:00	111.0	25.4	18.7	17.2
11/25/2006 8:00	82.1	26.0	37.9	22.9
11/25/2006 9:00	63.8	29.4	51.9	23.6
11/25/2006 10:00	39.4	19.9	29.3	16.5
11/25/2006 11:00	33.1	16.7	19.8	13.2
11/25/2006 12:00	34.7	17.5	23.4	14.5
11/25/2006 13:00	37.0	19.0	26.3	16.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
11/25/2006 14:00	35.2	18.8	24.0	16.1
11/25/2006 15:00	31.3	18.0	22.6	16.4
11/25/2006 16:00	32.7	19.2	18.5	15.9
11/25/2006 17:00	51.0	25.8	22.5	20.6
11/25/2006 18:00	61.8	28.3	23.2	23.0
11/25/2006 19:00	60.8	27.2	19.2	19.2
11/25/2006 20:00	51.3	26.2	16.2	16.2
11/25/2006 21:00	24.2	17.9	14.5	14.5
11/25/2006 22:00	26.8	18.7	15.5	15.5
11/25/2006 23:00	25.2	18.9	16.6	16.6
11/26/2006 0:00	28.1	20.3	16.2	16.2
11/26/2006 1:00	30.6	21.4	16.0	16.0
11/26/2006 2:00	30.0	22.3	16.0	16.0
11/26/2006 3:00	28.8	21.1	14.8	14.8
11/26/2006 4:00	25.6	19.6	15.6	15.6
11/26/2006 5:00	26.9	19.2	15.5	15.5
11/26/2006 6:00	33.2	20.7	13.1	13.1
11/26/2006 7:00	36.5	22.4	12.5	12.5
11/26/2006 8:00	50.7	22.9	13.1	13.1
11/26/2006 9:00	49.1	22.1	17.2	14.4
11/26/2006 10:00	27.2	14.6	13.7	11.7
11/26/2006 11:00	21.8	13.3	13.5	10.4
11/26/2006 12:00	27.8	15.0	14.7	11.3
11/26/2006 13:00	27.6	15.1	14.4	11.2
11/26/2006 14:00	27.7	15.6	11.9	10.4
11/26/2006 15:00	28.2	17.0	12.4	11.6
11/26/2006 16:00	38.6	23.8	11.5	11.4
11/26/2006 17:00	54.8	31.3	13.2	13.2
11/26/2006 18:00	67.9	37.8	13.0	13.0
11/26/2006 19:00	56.4	34.7	13.5	13.5
11/26/2006 20:00	54.1	34.0	20.2	18.4
11/26/2006 21:00	83.4	38.3	19.5	19.5
11/26/2006 22:00	98.7	35.6	17.6	17.6
11/26/2006 23:00	85.0	35.6	14.2	14.2
11/27/2006 0:00	75.7	34.0	13.9	13.9
11/27/2006 1:00	34.8	26.2	13.7	13.7
11/27/2006 2:00	43.7	25.3	12.8	12.8
11/27/2006 3:00	35.8	19.9	10.5	10.5
11/27/2006 4:00	42.3	22.2	12.7	12.7
11/27/2006 5:00	61.1	23.6	14.3	14.3
11/27/2006 6:00	71.3	23.0	12.9	12.9
11/27/2006 7:00	84.9	23.4	13.7	13.7
11/27/2006 8:00	86.1	23.4	28.5	18.4
11/27/2006 9:00	81.1	22.3	22.5	15.8
11/27/2006 10:00	62.1	21.9	21.7	15.4
11/27/2006 11:00	43.4	19.8	16.1	12.4

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
11/27/2006 12:00	49.9	22.3	23.1	16.4
11/27/2006 13:00	47.6	22.1	25.4	17.8
11/27/2006 14:00	39.8	20.6	18.9	15.0
11/27/2006 15:00	39.4	20.6	17.5	15.3
11/27/2006 16:00	45.9	25.1	18.9	17.4
11/27/2006 17:00	65.8	29.9	19.9	19.7
11/27/2006 18:00	83.0	35.0	38.3	26.9
11/27/2006 19:00	98.4	33.8	19.7	19.7
11/27/2006 20:00	74.0	30.0	18.6	18.6
11/27/2006 21:00	91.2	31.6	17.5	17.5
11/27/2006 22:00	111.8	29.8	15.1	15.1
11/27/2006 23:00	63.1	24.4	11.8	11.8
11/28/2006 0:00	58.6	24.6	12.9	12.9
11/28/2006 1:00	50.7	23.8	12.9	12.9
11/28/2006 2:00	42.5	21.5	15.1	15.1
11/28/2006 3:00	45.3	20.8	14.5	14.5
11/28/2006 4:00	46.2	21.0	14.4	14.4
11/28/2006 5:00	46.5	20.7	16.3	16.3
11/28/2006 6:00	60.3	23.2	18.1	18.2
11/28/2006 7:00	74.0	22.4	15.1	15.1
11/28/2006 8:00	67.5	23.0	20.1	16.9
11/28/2006 9:00	73.6	25.8	23.9	19.0
11/28/2006 10:00	77.0	28.4	27.8	19.7
11/28/2006 11:00	54.7	24.6	22.3	16.5
11/28/2006 12:00	35.7	19.5	13.9	12.5
11/28/2006 13:00	43.7	22.9	15.2	12.4
11/28/2006 14:00	43.0	22.6	17.8	14.6
11/28/2006 15:00	45.1	23.5	17.5	15.1
11/28/2006 16:00	59.0	28.8	18.4	17.0
11/28/2006 17:00	61.3	30.2	17.4	17.2
11/28/2006 18:00	67.6	31.9	17.0	17.0
11/28/2006 19:00	51.3	28.4	15.0	15.0
11/28/2006 20:00	41.7	21.9	11.0	11.0
11/28/2006 21:00	37.6	19.5	10.7	10.7
11/28/2006 22:00	38.0	19.8	10.0	10.0
11/28/2006 23:00	35.8	18.0	10.0	10.0
11/29/2006 0:00	31.2	18.3	13.5	13.5
11/29/2006 1:00	29.8	19.1	14.4	14.4
11/29/2006 2:00	29.2	17.9	12.2	12.2
11/29/2006 3:00	18.8	12.4	10.0	10.0
11/29/2006 4:00	17.0	11.4	8.5	8.5
11/29/2006 5:00	20.1	12.0	7.3	7.3
11/29/2006 6:00	22.2	11.4	6.9	6.9
11/29/2006 7:00	28.6	13.8	6.4	6.4
11/29/2006 8:00	29.0	14.8	7.7	7.7
11/29/2006 9:00	35.7	16.3	9.2	9.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
11/29/2006 10:00	29.3	13.6	8.8	8.7
11/29/2006 11:00	32.6	13.8	7.9	7.7
11/29/2006 12:00	33.3	12.8	7.9	7.2
11/29/2006 13:00	30.6	12.8	7.4	6.9
11/29/2006 14:00	33.3	12.6	8.9	7.8
11/29/2006 15:00	34.1	13.4	8.3	7.5
11/29/2006 16:00	33.8	13.7	8.3	8.3
11/29/2006 17:00	40.5	15.4	9.3	9.3
11/29/2006 18:00	35.6	15.1	9.0	9.0
11/29/2006 19:00	26.7	13.1	8.8	8.8
11/29/2006 20:00	24.0	12.8	8.1	8.1
11/29/2006 21:00	27.6	12.7	7.5	7.5
11/29/2006 22:00	20.7	11.0	7.0	7.0
11/29/2006 23:00	23.8	11.6	7.5	7.5
11/30/2006 0:00	21.5	11.0	8.0	8.0
11/30/2006 1:00	17.6	9.4	5.5	5.5
11/30/2006 2:00	12.3	7.8	4.7	4.7
11/30/2006 3:00	12.8	7.1	4.3	4.3
11/30/2006 4:00	13.4	8.0	5.4	5.4
11/30/2006 5:00	13.8	8.0	5.1	5.1
11/30/2006 6:00	24.1	11.9	5.2	5.2
11/30/2006 7:00	24.0	11.9	7.0	7.0
11/30/2006 8:00	22.3	9.6	5.3	5.3
11/30/2006 9:00	41.7	19.8	29.9	14.8
11/30/2006 10:00	22.5	17.9	49.0	22.0
11/30/2006 11:00	17.6	15.4	41.2	16.2
11/30/2006 12:00	10.7	9.6	40.9	16.1
11/30/2006 13:00	10.7	9.2	41.7	14.8
11/30/2006 14:00	12.9	11.1	48.0	16.8
11/30/2006 15:00	13.0	12.0	50.9	19.6
11/30/2006 16:00	15.0	14.1	51.0	22.6
11/30/2006 17:00	16.5	15.0	54.8	20.9
11/30/2006 18:00	11.9	11.5	40.2	16.5
11/30/2006 19:00	10.5	10.2	43.5	16.1
11/30/2006 20:00	9.2	9.0	33.7	14.6
11/30/2006 21:00	9.0	9.0	36.6	12.9
11/30/2006 22:00	6.9	6.9	26.4	9.8
11/30/2006 23:00	6.8	6.8	25.3	10.5
12/1/2006 0:00	4.6	4.6	23.1	9.6
12/1/2006 1:00	6.9	6.9	21.7	10.5
12/1/2006 2:00	6.2	6.2	14.6	7.6
12/1/2006 3:00	5.7	5.7	9.9	4.8
12/1/2006 4:00	5.1	5.1	12.6	6.1
12/1/2006 5:00	5.8	5.8	12.5	7.8
12/1/2006 6:00	2.2	2.2	12.6	6.3
12/1/2006 7:00	3.7	3.7	13.6	3.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
12/1/2006 8:00	4.7	4.4	17.6	6.0
12/1/2006 9:00	7.2	7.0	29.4	10.8
12/1/2006 10:00	6.2	5.7	26.1	10.2
12/1/2006 11:00	9.2	8.0	44.7	13.4
12/1/2006 12:00	29.0	14.4	18.7	10.9
12/1/2006 13:00	20.2	8.2	9.1	7.6
12/1/2006 14:00	20.5	8.6	8.9	6.7
12/1/2006 15:00	16.6	6.4	8.6	6.3
12/1/2006 16:00	19.2	7.8	5.1	5.0
12/1/2006 17:00	19.4	9.7	6.8	6.8
12/1/2006 18:00	14.8	8.8	6.4	6.4
12/1/2006 19:00	13.3	6.6	5.9	5.9
12/1/2006 20:00	18.2	9.4	4.5	4.5
12/1/2006 21:00	14.0	8.0	3.7	3.7
12/1/2006 22:00	18.0	8.5	3.9	3.9
12/1/2006 23:00	14.7	8.2	4.2	4.2
12/2/2006 0:00	8.2	4.7	3.4	3.4
12/2/2006 1:00	9.5	5.8	2.3	2.3
12/2/2006 2:00	7.7	4.6	2.3	2.3
12/2/2006 3:00	7.1	3.8	2.2	2.2
12/2/2006 4:00	7.8	4.4	2.8	2.8
12/2/2006 5:00	6.4	4.0	2.1	2.1
12/2/2006 6:00	7.5	4.6	1.9	1.9
12/2/2006 7:00	8.1	4.6	2.6	2.6
12/2/2006 8:00	15.5	7.7	3.2	3.2
12/2/2006 9:00	18.6	8.2	5.0	5.0
12/2/2006 10:00	20.3	9.6	4.7	4.7
12/2/2006 11:00	17.7	8.6	4.9	4.7
12/2/2006 12:00	22.7	9.0	7.2	5.5
12/2/2006 13:00	22.0	7.7	8.9	5.5
12/2/2006 14:00	21.3	9.4	6.3	4.8
12/2/2006 15:00	21.1	7.0	7.1	4.8
12/2/2006 16:00	21.0	9.1	7.8	5.9
12/2/2006 17:00	24.7	11.0	8.3	7.7
12/2/2006 18:00	27.1	13.2	9.4	9.4
12/2/2006 19:00	28.5	13.3	13.1	13.1
12/2/2006 20:00	26.3	13.9	8.1	8.1
12/2/2006 21:00	21.7	11.7	7.3	7.3
12/2/2006 22:00	16.3	9.3	11.0	11.0
12/2/2006 23:00	15.2	9.0	10.1	10.1
12/3/2006 0:00	17.2	10.1	6.1	6.1
12/3/2006 1:00	18.1	13.6	9.1	9.1
12/3/2006 2:00	18.4	13.3	10.0	10.0
12/3/2006 3:00	13.4	11.0	9.4	9.4
12/3/2006 4:00	13.7	11.4	7.6	7.6
12/3/2006 5:00	11.4	9.2	8.6	8.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
12/3/2006 6:00	9.4	6.3	5.8	5.8
12/3/2006 7:00	9.1	5.1	3.4	3.4
12/3/2006 8:00	9.9	5.4	5.2	5.2
12/3/2006 9:00	15.0	7.9	4.5	4.5
12/3/2006 10:00	10.8	4.9	3.0	3.0
12/3/2006 11:00	13.0	4.8	2.8	2.7
12/3/2006 12:00	9.0	3.3	2.7	2.3
12/3/2006 13:00	12.6	5.1	3.1	2.6
12/3/2006 14:00	13.2	4.2	2.6	2.4
12/3/2006 15:00	14.4	5.4	2.6	2.6
12/3/2006 16:00	14.7	5.9	2.9	2.9
12/3/2006 17:00	17.4	7.0	3.5	3.5
12/3/2006 18:00	17.9	7.5	4.9	4.9
12/3/2006 19:00	24.0	10.4	5.8	5.8
12/3/2006 20:00	16.6	8.5	5.7	5.7
12/3/2006 21:00	18.3	7.4	4.9	4.9
12/3/2006 22:00	17.1	7.2	3.6	3.6
12/3/2006 23:00	17.9	8.6	4.4	4.4
12/4/2006 0:00	12.4	6.5	3.2	3.2
12/4/2006 1:00	12.0	7.5	4.8	4.8
12/4/2006 2:00	14.3	8.1	5.0	5.0
12/4/2006 3:00	12.5	8.0	4.8	4.8
12/4/2006 4:00	15.0	7.2	4.0	4.0
12/4/2006 5:00	12.9	6.1	3.7	3.7
12/4/2006 6:00	20.7	8.7	6.7	6.7
12/4/2006 7:00	19.6	9.3	6.6	6.6
12/4/2006 8:00	30.8	14.1	6.7	6.7
12/4/2006 9:00	26.4	9.3	6.5	6.3
12/4/2006 10:00	29.8	10.5	7.0	6.3
12/4/2006 11:00	28.8	9.5	8.1	6.2
12/4/2006 12:00	26.4	7.9	11.0	6.5
12/4/2006 13:00	37.8	11.2	9.5	5.5
12/4/2006 14:00	28.6	11.1	12.0	8.2
12/4/2006 15:00	27.5	10.2	8.8	7.2
12/4/2006 16:00	30.3	11.8	5.9	5.4
12/4/2006 17:00	30.7	14.8	8.3	8.1
12/4/2006 18:00	29.5	11.7	11.2	11.2
12/4/2006 19:00	34.3	15.5	13.0	13.0
12/4/2006 20:00	32.2	14.8	13.5	13.5
12/4/2006 21:00	34.6	14.9	8.4	8.4
12/4/2006 22:00	28.4	13.5	10.7	10.7
12/4/2006 23:00	34.8	13.6	10.3	10.3
12/5/2006 0:00	31.4	13.5	10.8	10.8
12/5/2006 1:00	22.9	12.1	8.2	8.2
12/5/2006 2:00	31.2	15.1	8.7	8.7
12/5/2006 3:00	34.6	17.8	10.6	10.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
12/5/2006 4:00	33.4	20.2	23.9	17.5
12/5/2006 5:00	27.0	14.5	27.0	17.2
12/5/2006 6:00	47.7	22.0	23.8	18.8
12/5/2006 7:00	62.0	25.9	21.6	17.2
12/5/2006 8:00	59.2	23.4	18.6	17.8
12/5/2006 9:00	76.8	24.4	24.0	17.4
12/5/2006 10:00	57.0	19.2	24.9	13.9
12/5/2006 11:00	44.3	16.3	15.1	8.8
12/5/2006 12:00	28.6	10.6	10.1	6.5
12/5/2006 13:00	35.7	11.7	8.5	6.2
12/5/2006 14:00	31.2	10.1	5.8	4.8
12/5/2006 15:00	39.2	13.8	5.4	5.0
12/5/2006 16:00	36.8	13.8	7.2	6.7
12/5/2006 17:00	58.4	20.3	9.5	9.2
12/5/2006 18:00	65.1	24.3	15.5	15.4
12/5/2006 19:00	42.4	18.6	10.2	10.2
12/5/2006 20:00	31.2	12.4	6.9	6.9
12/5/2006 21:00	30.7	12.0	6.4	6.4
12/5/2006 22:00	27.3	11.2	5.9	5.9
12/5/2006 23:00	29.1	14.1	9.9	9.9
12/6/2006 0:00	29.4	15.8	11.5	11.5
12/6/2006 1:00	30.0	18.5	15.2	15.2
12/6/2006 2:00	22.9	15.6	13.0	13.0
12/6/2006 3:00	26.5	17.9	14.5	14.5
12/6/2006 4:00	32.7	22.9	19.4	19.4
12/6/2006 5:00	31.8	22.2	19.4	19.4
12/6/2006 6:00	26.9	15.7	11.7	11.7
12/6/2006 7:00	30.7	16.9	10.4	10.4
12/6/2006 8:00	29.0	14.7	11.8	11.8
12/6/2006 9:00	42.1	20.0	14.7	14.4
12/6/2006 10:00	31.9	14.7	17.8	15.9
12/6/2006 11:00	31.1	15.3	14.1	12.5
12/6/2006 12:00	35.1	12.9	11.9	9.5
12/6/2006 13:00	34.0	13.1	11.8	8.9
12/6/2006 14:00	32.3	12.6	12.0	8.8
12/6/2006 15:00	34.5	14.4	11.9	9.8
12/6/2006 16:00	35.1	17.2	13.3	12.2
12/6/2006 17:00	44.5	19.6	13.1	13.1
12/6/2006 18:00	44.6	21.8	16.4	16.4
12/6/2006 19:00	48.9	23.5	20.2	20.2
12/6/2006 20:00	28.9	14.7	11.2	11.2
12/6/2006 21:00	31.1	15.9	15.8	12.0
12/6/2006 22:00	52.9	18.9	42.3	18.0
12/6/2006 23:00	41.2	18.2	26.8	18.2
12/7/2006 0:00	38.1	19.1	21.3	18.1
12/7/2006 1:00	22.4	13.8	11.1	11.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
12/7/2006 2:00	19.0	12.2	19.7	14.4
12/7/2006 3:00	21.0	13.7	22.5	18.6
12/7/2006 4:00	19.6	12.1	15.9	12.2
12/7/2006 5:00	16.1	9.8	14.8	9.0
12/7/2006 6:00	15.8	9.6	16.5	10.5
12/7/2006 7:00	26.6	13.9	19.3	12.6
12/7/2006 8:00	34.4	18.3	35.2	21.1
12/7/2006 9:00	36.0	18.2	32.2	19.2
12/7/2006 10:00	36.4	18.0	36.9	19.3
12/7/2006 11:00	36.8	16.5	34.3	15.5
12/7/2006 12:00	26.7	11.8	28.4	10.9
12/7/2006 13:00	26.8	11.0	27.0	9.6
12/7/2006 14:00	26.9	11.1	24.0	10.2
12/7/2006 15:00	26.2	11.2	21.5	10.3
12/7/2006 16:00	27.6	13.3	21.5	12.7
12/7/2006 17:00	37.5	18.1	14.9	12.4
12/7/2006 18:00	26.5	14.3	7.1	7.1
12/7/2006 19:00	33.9	20.3	22.2	19.4
12/7/2006 20:00	30.2	17.7	23.2	19.4
12/7/2006 21:00	27.5	16.7	24.1	21.3
12/7/2006 22:00	38.1	18.3	25.0	20.1
12/7/2006 23:00	42.2	21.4	21.1	18.0
12/8/2006 0:00	33.4	20.0	17.8	16.9
12/8/2006 1:00	29.4	19.2	12.1	12.1
12/8/2006 2:00	28.6	18.1	8.5	8.5
12/8/2006 3:00	23.8	16.8	6.0	6.0
12/8/2006 4:00	18.8	10.7	5.1	5.1
12/8/2006 5:00	27.6	16.0	4.9	4.9
12/8/2006 6:00	32.7	18.6	5.0	5.0
12/8/2006 7:00	30.2	15.2	5.5	5.5
12/8/2006 8:00	30.1	14.5	5.5	5.5
12/8/2006 9:00	30.8	15.3	5.3	5.3
12/8/2006 10:00	28.0	12.3	7.5	5.9
12/8/2006 11:00	27.0	10.0	7.1	5.0
12/8/2006 12:00	32.7	11.9	8.1	5.4
12/8/2006 13:00	28.1	9.7	8.8	5.8
12/8/2006 14:00	26.1	9.7	6.8	4.8
12/8/2006 15:00	26.6	10.1	6.6	4.9
12/8/2006 16:00	28.3	12.5	7.7	6.3
12/8/2006 17:00	28.3	14.0	9.4	9.0
12/8/2006 18:00	27.8	13.2	7.6	7.6
12/8/2006 19:00	22.9	12.6	7.8	7.8
12/8/2006 20:00	22.0	11.6	6.8	6.8
12/8/2006 21:00	20.6	10.7	6.6	6.6
12/8/2006 22:00	20.2	11.4	7.4	7.4
12/8/2006 23:00	16.8	9.9	6.7	6.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
12/9/2006 0:00	16.9	9.8	6.1	6.1
12/9/2006 1:00	14.1	7.9	5.9	5.9
12/9/2006 2:00	14.4	8.6	6.3	6.3
12/9/2006 3:00	13.4	9.4	6.9	6.9
12/9/2006 4:00	12.8	9.5	6.1	6.1
12/9/2006 5:00	12.8	8.6	7.0	7.0
12/9/2006 6:00	12.5	8.6	6.0	6.0
12/9/2006 7:00	11.9	7.5	7.1	7.1
12/9/2006 8:00	17.2	10.9	15.4	15.0
12/9/2006 9:00	18.7	9.9	16.7	14.0
12/9/2006 10:00	24.3	10.4	12.5	8.9
12/9/2006 11:00	21.4	8.6	16.1	9.3
12/9/2006 12:00	21.9	9.3	12.0	7.4
12/9/2006 13:00	22.1	9.2	17.2	9.9
12/9/2006 14:00	26.4	11.5	14.0	8.8
12/9/2006 15:00	18.7	8.8	11.6	8.2
12/9/2006 16:00	18.8	10.1	8.9	7.8
12/9/2006 17:00	17.2	9.3	7.4	7.4
12/9/2006 18:00	17.4	10.5	10.3	10.3
12/9/2006 19:00	19.9	12.9	10.2	10.2
12/9/2006 20:00	21.4	12.8	8.0	8.0
12/9/2006 21:00	22.8	14.9	8.1	8.1
12/9/2006 22:00	15.5	11.1	11.1	11.1
12/9/2006 23:00	12.6	9.6	9.0	9.0
12/10/2006 0:00	12.1	9.9	8.3	8.3
12/10/2006 1:00	12.4	9.8	8.2	8.2
12/10/2006 2:00	12.2	9.4	8.1	8.1
12/10/2006 3:00	11.6	9.4	8.2	8.2
12/10/2006 4:00	11.5	9.5	8.3	8.3
12/10/2006 5:00	10.1	8.4	7.5	7.5
12/10/2006 6:00	10.5	8.6	7.3	7.3
12/10/2006 7:00	13.5	9.8	7.7	7.7
12/10/2006 8:00	15.5	10.2	7.2	7.2
12/10/2006 9:00	15.2	9.2	7.3	7.0
12/10/2006 10:00	14.9	7.0	7.2	5.9
12/10/2006 11:00	18.7	7.3	7.5	5.6
12/10/2006 12:00	17.0	7.8	7.5	5.6
12/10/2006 13:00	17.8	7.9	9.9	7.2
12/10/2006 14:00	17.8	8.8	12.9	9.3
12/10/2006 15:00	19.1	9.2	9.0	7.5
12/10/2006 16:00	21.4	10.9	8.1	7.5
12/10/2006 17:00	31.0	15.5	8.1	8.1
12/10/2006 18:00	38.5	20.9	10.1	10.1
12/10/2006 19:00	29.4	15.3	9.8	9.8
12/10/2006 20:00	22.1	13.2	9.3	9.3
12/10/2006 21:00	26.2	14.1	10.1	10.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
12/10/2006 22:00	27.2	16.2	14.0	14.0
12/10/2006 23:00	32.3	20.5	17.2	17.2
12/11/2006 0:00	30.3	19.9	16.9	16.9
12/11/2006 1:00	30.3	17.9	13.4	13.4
12/11/2006 2:00	31.7	18.7	15.0	15.0
12/11/2006 3:00	44.7	20.8	13.9	13.9
12/11/2006 4:00	32.1	18.0	12.3	12.3
12/11/2006 5:00	37.4	19.4	11.7	11.7
12/11/2006 6:00	48.4	22.2	11.9	11.9
12/11/2006 7:00	64.3	22.4	12.9	12.9
12/11/2006 8:00	67.8	21.5	21.0	16.5
12/11/2006 9:00	63.5	20.1	17.8	13.9
12/11/2006 10:00	49.5	19.6	12.5	10.9
12/11/2006 11:00	outlier removed	outlier removed	13.6	9.7
12/11/2006 12:00	outlier removed	outlier removed	outlier removed	outlier removed
12/11/2006 13:00	46.7	18.5	22.3	14.5
12/11/2006 14:00	53.4	20.6	26.1	15.7
12/11/2006 15:00	59.0	24.1	28.8	18.4
12/11/2006 16:00	62.3	26.2	25.8	19.0
12/11/2006 17:00	58.7	25.8	20.7	18.0
12/11/2006 18:00	45.4	26.3	22.2	21.0
12/11/2006 19:00	69.0	28.5	18.7	18.2
12/11/2006 20:00	47.8	26.1	17.7	17.8
12/11/2006 21:00	64.1	27.5	21.8	20.7
12/11/2006 22:00	40.0	25.8	72.3	27.1
12/11/2006 23:00	29.4	25.2	65.1	27.5
12/12/2006 0:00	29.4	25.3	99.5	28.7
12/12/2006 1:00	33.8	25.6	30.5	22.6
12/12/2006 2:00	27.2	23.5	40.9	22.3
12/12/2006 3:00	21.7	20.2	33.8	19.8
12/12/2006 4:00	20.4	18.9	54.0	22.2
12/12/2006 5:00	19.8	18.6	51.5	23.6
12/12/2006 6:00	31.4	25.5	23.5	22.4
12/12/2006 7:00	37.0	26.6	22.9	22.2
12/12/2006 8:00	38.6	25.4	21.1	20.4
12/12/2006 9:00	50.8	25.4	24.5	20.0
12/12/2006 10:00	48.8	22.0	17.3	13.5
12/12/2006 11:00	48.5	22.1	14.1	11.2
12/12/2006 12:00	49.8	22.2	14.3	11.2
12/12/2006 13:00	50.4	22.4	13.9	12.2
12/12/2006 14:00	39.5	22.7	13.5	12.7
12/12/2006 15:00	43.0	23.0	14.7	13.8
12/12/2006 16:00	71.2	30.9	16.3	15.8
12/12/2006 17:00	65.6	29.8	12.2	12.2
12/12/2006 18:00	39.4	23.5	9.3	9.3
12/12/2006 19:00	27.5	16.1	8.0	8.0

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
12/12/2006 20:00	29.7	14.5	8.4	8.4
12/12/2006 21:00	38.4	19.0	10.9	10.9
12/12/2006 22:00	31.9	14.8	9.7	9.7
12/12/2006 23:00	24.0	13.4	7.8	7.8
12/13/2006 0:00	22.0	12.8	7.4	7.4
12/13/2006 1:00	16.5	10.2	7.7	7.7
12/13/2006 2:00	15.8	8.3	4.8	4.8
12/13/2006 3:00	12.5	7.0	3.9	3.9
12/13/2006 4:00	13.8	7.5	4.3	4.3
12/13/2006 5:00	17.9	9.1	5.4	5.4
12/13/2006 6:00	13.6	7.5	3.4	3.4
12/13/2006 7:00	17.3	7.6	3.7	3.7
12/13/2006 8:00	20.0	8.3	3.9	3.9
12/13/2006 9:00	23.5	8.4	6.8	6.8
12/13/2006 10:00	23.3	10.0	4.9	4.8
12/13/2006 11:00	24.3	9.1	5.8	5.4
12/13/2006 12:00	25.2	9.7	4.2	3.9
12/13/2006 13:00	23.4	8.6	4.3	4.0
12/13/2006 14:00	21.3	8.1	5.3	4.0
12/13/2006 15:00	22.4	7.5	5.7	4.5
12/13/2006 16:00	26.6	8.9	6.6	5.5
12/13/2006 17:00	105.1	9.6	95.3	4.9
12/13/2006 18:00	40.9	16.7	12.5	10.0
12/13/2006 19:00	63.6	20.6	10.7	10.7
12/13/2006 20:00	59.9	20.5	11.3	11.3
12/13/2006 21:00	93.7	24.4	14.6	14.1
12/13/2006 22:00	67.9	20.2	17.1	15.6
12/13/2006 23:00	123.2	22.6	20.2	18.1
12/14/2006 0:00	76.1	23.4	23.7	22.3
12/14/2006 1:00	50.6	21.9	16.4	16.4
12/14/2006 2:00	60.0	23.3	18.3	18.3
12/14/2006 3:00	71.8	23.2	17.4	17.4
12/14/2006 4:00	85.7	22.8	18.6	18.4
12/14/2006 5:00	78.8	21.3	16.3	16.3
12/14/2006 6:00	75.4	20.3	13.7	13.6
12/14/2006 7:00	70.0	19.3	13.8	13.8
12/14/2006 8:00	105.4	24.1	18.6	16.2
12/14/2006 9:00	77.5	22.2	20.0	14.9
12/14/2006 10:00	58.0	19.4	17.6	13.0
12/14/2006 11:00	47.0	19.2	18.5	14.0
12/14/2006 12:00	50.0	19.4	18.0	14.1
12/14/2006 13:00	45.1	18.2	19.4	13.6
12/14/2006 14:00	56.4	21.8	17.9	15.2
12/14/2006 15:00	36.9	18.8	16.6	14.3
12/14/2006 16:00	38.8	18.7	11.8	11.1
12/14/2006 17:00	39.0	18.7	9.9	9.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
12/14/2006 18:00	42.7	20.9	8.5	8.5
12/14/2006 19:00	31.0	17.8	11.9	11.9
12/14/2006 20:00	35.9	22.8	17.1	17.1
12/14/2006 21:00	32.7	20.9	16.1	16.1
12/14/2006 22:00	33.4	19.2	13.5	13.5
12/14/2006 23:00	23.3	12.9	7.8	7.8
12/15/2006 0:00	22.6	14.6	7.6	7.6
12/15/2006 1:00	19.4	11.7	7.1	7.1
12/15/2006 2:00	19.4	11.9	9.1	9.1
12/15/2006 3:00	18.8	11.1	9.0	9.0
12/15/2006 4:00	14.1	8.9	9.9	9.9
12/15/2006 5:00	17.2	8.5	6.0	6.0
12/15/2006 6:00	16.4	10.1	5.9	5.9
12/15/2006 7:00	22.8	11.8	7.9	7.9
12/15/2006 8:00	30.5	15.3	10.2	10.2
12/15/2006 9:00	38.9	18.0	12.8	11.8
12/15/2006 10:00	35.0	15.8	12.9	10.9
12/15/2006 11:00	27.8	11.5	8.6	7.1
12/15/2006 12:00	30.2	13.0	8.2	8.0
12/15/2006 13:00	25.3	11.2	8.6	7.9
12/15/2006 14:00	23.5	9.9	7.8	7.5
12/15/2006 15:00	26.0	10.5	7.6	6.9
12/15/2006 16:00	22.6	9.1	7.0	6.3
12/15/2006 17:00	29.6	13.5	7.5	7.5
12/15/2006 18:00	31.2	14.6	8.8	8.8
12/15/2006 19:00	37.2	21.1	20.7	17.5
12/15/2006 20:00	48.2	23.3	12.9	12.9
12/15/2006 21:00	35.6	18.6	25.5	16.8
12/15/2006 22:00	22.7	13.2	21.4	12.6
12/15/2006 23:00	33.3	19.0	34.3	22.1
12/16/2006 0:00	61.3	27.9	19.5	16.1
12/16/2006 1:00	69.7	32.3	19.6	17.9
12/16/2006 2:00	60.6	31.8	88.3	27.3
12/16/2006 3:00	116.8	31.6	46.2	26.5
12/16/2006 4:00	107.9	29.2	50.0	23.6
12/16/2006 5:00	116.1	27.1	116.3	28.0
12/16/2006 6:00	97.5	24.1	153.5	29.3
12/16/2006 7:00	108.7	23.4	148.6	28.6
12/16/2006 8:00	138.7	26.6	86.5	22.3
12/16/2006 9:00	59.5	21.8	12.1	10.9
12/16/2006 10:00	24.0	16.2	9.0	7.6
12/16/2006 11:00	24.0	11.9	7.7	5.7
12/16/2006 12:00	21.4	8.6	5.4	4.2
12/16/2006 13:00	19.6	8.2	3.7	3.3
12/16/2006 14:00	16.5	6.8	4.4	3.5
12/16/2006 15:00	19.6	8.6	3.8	3.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
12/16/2006 16:00	16.6	9.1	4.1	4.0
12/16/2006 17:00	9.0	8.3	6.9	6.7
12/16/2006 18:00	12.2	11.3	8.3	8.3
12/16/2006 19:00	28.5	17.0	6.4	6.4
12/16/2006 20:00	21.0	14.1	5.6	5.6
12/16/2006 21:00	23.8	12.4	6.9	6.9
12/16/2006 22:00	18.8	11.1	7.4	7.4
12/16/2006 23:00	22.9	13.5	8.6	8.6
12/17/2006 0:00	18.1	13.4	11.9	11.9
12/17/2006 1:00	20.0	14.6	12.4	12.4
12/17/2006 2:00	18.0	13.7	11.5	11.5
12/17/2006 3:00	14.8	12.2	11.6	11.6
12/17/2006 4:00	13.4	11.4	10.7	10.7
12/17/2006 5:00	14.1	11.3	10.9	10.9
12/17/2006 6:00	14.1	11.0	9.8	9.8
12/17/2006 7:00	11.5	8.6	7.5	7.5
12/17/2006 8:00	18.2	10.7	6.4	6.4
12/17/2006 9:00	29.0	14.7	7.4	7.4
12/17/2006 10:00	23.4	12.1	7.6	7.5
12/17/2006 11:00	18.6	9.1	6.6	6.6
12/17/2006 12:00	25.6	13.1	20.8	12.8
12/17/2006 13:00	27.0	12.6	26.3	14.7
12/17/2006 14:00	35.4	16.6	30.4	15.7
12/17/2006 15:00	33.1	13.7	13.3	11.1
12/17/2006 16:00	43.8	19.7	22.7	16.5
12/17/2006 17:00	59.5	27.5	49.4	26.7
12/17/2006 18:00	65.6	27.4	29.6	24.5
12/17/2006 19:00	66.2	27.4	27.7	23.5
12/17/2006 20:00	69.6	27.5	34.2	26.7
12/17/2006 21:00	63.7	27.0	65.4	29.3
12/17/2006 22:00	71.9	28.9	36.1	26.4
12/17/2006 23:00	61.5	27.9	57.2	30.8
12/18/2006 0:00	60.7	29.3	54.6	28.8
12/18/2006 1:00	28.3	20.4	33.0	23.3
12/18/2006 2:00	40.2	23.6	36.3	24.7
12/18/2006 3:00	30.7	19.3	28.5	20.4
12/18/2006 4:00	30.8	20.2	26.4	16.6
12/18/2006 5:00	25.0	16.5	25.9	16.2
12/18/2006 6:00	26.1	14.7	19.8	14.7
12/18/2006 7:00	40.3	21.7	34.0	20.0
12/18/2006 8:00	49.0	24.1	44.6	24.9
12/18/2006 9:00	54.5	24.0	51.1	24.3
12/18/2006 10:00	43.2	19.5	42.6	18.9
12/18/2006 11:00	31.7	12.5	30.1	13.8
12/18/2006 12:00	31.2	13.8	27.8	12.8
12/18/2006 13:00	32.6	14.3	27.6	13.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
12/18/2006 14:00	33.4	14.8	23.9	12.8
12/18/2006 15:00	39.1	15.7	27.2	13.1
12/18/2006 16:00	39.6	18.6	39.2	17.8
12/18/2006 17:00	67.2	27.6	61.2	24.1
12/18/2006 18:00	46.4	27.5	82.1	28.5
12/18/2006 19:00	33.9	25.7	87.0	29.5
12/18/2006 20:00	32.4	22.3	97.3	30.3
12/18/2006 21:00	31.5	25.2	106.1	33.3
12/18/2006 22:00	68.5	29.3	138.3	34.6
12/18/2006 23:00	212.2	36.3	180.7	35.1
12/19/2006 0:00	231.0	35.9	213.7	34.0
12/19/2006 1:00	179.2	31.8	84.1	21.6
12/19/2006 2:00	133.2	28.2	121.3	22.9
12/19/2006 3:00	124.2	28.9	222.0	29.7
12/19/2006 4:00	174.4	29.7	118.5	23.0
12/19/2006 5:00	155.0	26.4	91.1	21.9
12/19/2006 6:00	174.8	30.7	203.5	31.5
12/19/2006 7:00	201.8	30.2	80.3	27.6
12/19/2006 8:00	141.0	30.4	41.3	26.2
12/19/2006 9:00	121.6	29.0	45.7	24.1
12/19/2006 10:00	92.2	25.0	38.7	20.9
12/19/2006 11:00	79.3	23.4	42.9	19.2
12/19/2006 12:00	63.4	21.3	39.9	17.7
12/19/2006 13:00	49.1	16.5	21.9	12.2
12/19/2006 14:00	46.4	19.0	19.0	11.4
12/19/2006 15:00	42.3	17.8	13.5	9.4
12/19/2006 16:00	46.4	22.1	28.4	17.6
12/19/2006 17:00	50.4	22.0	12.3	11.5
12/19/2006 18:00	73.8	29.3	16.6	16.6
12/19/2006 19:00	123.6	34.5	27.1	24.8
12/19/2006 20:00	150.2	36.5	32.0	27.2
12/19/2006 21:00	152.4	35.9	22.4	21.2
12/19/2006 22:00	117.8	32.2	24.3	23.4
12/19/2006 23:00	98.9	30.5	25.6	24.0
12/20/2006 0:00	66.6	27.6	22.0	21.9
12/20/2006 1:00	44.7	21.5	15.3	15.3
12/20/2006 2:00	71.7	26.1	16.7	16.7
12/20/2006 3:00	53.6	22.3	18.9	18.7
12/20/2006 4:00	54.7	24.8	22.3	21.4
12/20/2006 5:00	51.0	24.7	23.9	21.9
12/20/2006 6:00	95.2	27.3	27.7	21.9
12/20/2006 7:00	125.7	26.2	28.3	20.8
12/20/2006 8:00	128.4	26.9	26.4	20.7
12/20/2006 9:00	122.1	27.6	33.1	19.8
12/20/2006 10:00	91.9	23.4	39.0	18.3
12/20/2006 11:00	66.1	21.1	42.8	18.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
12/20/2006 12:00	46.7	15.5	40.5	17.6
12/20/2006 13:00	45.9	15.6	22.9	12.7
12/20/2006 14:00	44.9	15.9	17.8	11.5
12/20/2006 15:00	44.4	19.4	17.2	12.5
12/20/2006 16:00	52.6	21.6	21.4	16.2
12/20/2006 17:00	69.4	26.0	28.2	22.1
12/20/2006 18:00	108.1	29.0	26.3	24.3
12/20/2006 19:00	74.6	28.8	27.4	25.4
12/20/2006 20:00	80.9	27.8	33.9	26.2
12/20/2006 21:00	93.1	28.9	43.3	26.3
12/20/2006 22:00	80.5	26.4	47.4	25.2
12/20/2006 23:00	83.8	26.1	36.0	23.6
12/21/2006 0:00	70.0	23.5	39.9	23.0
12/21/2006 1:00	57.9	26.2	33.0	24.6
12/21/2006 2:00	50.2	26.8	31.4	25.8
12/21/2006 3:00	51.2	26.6	26.9	25.5
12/21/2006 4:00	54.2	27.8	32.3	24.4
12/21/2006 5:00	82.3	30.6	30.6	26.9
12/21/2006 6:00	98.9	28.8	25.1	21.6
12/21/2006 7:00	105.2	26.3	42.6	23.7
12/21/2006 8:00	102.5	29.0	62.9	25.2
12/21/2006 9:00	102.4	33.5	128.6	37.5
12/21/2006 10:00	71.0	32.7	99.3	35.6
12/21/2006 11:00	61.2	31.0	71.5	32.1
12/21/2006 12:00	30.1	22.0	24.9	18.3
12/21/2006 13:00	23.5	16.6	13.9	12.2
12/21/2006 14:00	36.8	21.6	11.7	11.1
12/21/2006 15:00	15.9	14.3	26.1	18.8
12/21/2006 16:00	14.1	13.4	49.0	27.0
12/21/2006 17:00	outlier removed	outlier removed	74.2	29.1
12/21/2006 18:00	18.3	18.3	outlier removed	outlier removed
12/21/2006 19:00	18.3	18.3	59.6	23.9
12/21/2006 20:00	20.5	20.0	57.3	26.7
12/21/2006 21:00	24.7	22.3	60.2	26.2
12/21/2006 22:00	23.5	21.9	52.6	25.2
12/21/2006 23:00	16.1	15.8	42.1	19.9
12/22/2006 0:00	19.6	19.0	39.2	21.2
12/22/2006 1:00	25.5	23.4	39.9	24.6
12/22/2006 2:00	27.5	24.6	41.8	25.2
12/22/2006 3:00	27.2	24.6	45.3	26.2
12/22/2006 4:00	27.4	24.2	40.6	25.0
12/22/2006 5:00	27.0	23.9	40.6	25.3
12/22/2006 6:00	28.4	24.3	49.3	26.3
12/22/2006 7:00	33.4	25.0	59.3	27.4
12/22/2006 8:00	33.6	24.5	58.4	26.2
12/22/2006 9:00	32.2	23.7	56.8	25.0

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
12/22/2006 10:00	22.7	17.7	21.4	15.5
12/22/2006 11:00	21.7	17.4	18.4	15.7
12/22/2006 12:00	25.0	19.5	21.0	17.8
12/22/2006 13:00	26.7	20.4	21.3	18.7
12/22/2006 14:00	20.7	16.9	16.8	14.9
12/22/2006 15:00	33.9	19.4	12.4	12.0
12/22/2006 16:00	37.0	18.1	9.9	9.9
12/22/2006 17:00	36.5	17.7	9.5	9.5
12/22/2006 18:00	23.5	12.8	8.2	8.2
12/22/2006 19:00	21.0	12.7	7.6	7.6
12/22/2006 20:00	22.7	13.8	4.9	4.9
12/22/2006 21:00	18.9	11.2	6.5	6.5
12/22/2006 22:00	17.3	11.6	6.4	6.4
12/22/2006 23:00	19.4	12.0	6.5	6.5
12/23/2006 0:00	17.4	12.7	7.5	7.5
12/23/2006 1:00	12.1	8.5	5.6	5.6
12/23/2006 2:00	11.8	8.6	5.8	5.8
12/23/2006 3:00	9.8	7.5	7.7	7.7
12/23/2006 4:00	7.8	5.0	4.2	4.2
12/23/2006 5:00	6.0	4.7	4.0	4.0
12/23/2006 6:00	8.7	7.4	4.6	4.6
12/23/2006 7:00	8.5	6.4	5.4	5.4
12/23/2006 8:00	10.0	7.7	5.3	5.3
12/23/2006 9:00	10.5	7.0	5.4	5.4
12/23/2006 10:00	14.0	8.7	6.6	6.6
12/23/2006 11:00	13.3	7.8	6.3	6.3
12/23/2006 12:00	10.7	6.5	6.0	6.0
12/23/2006 13:00	9.7	5.8	5.1	5.1
12/23/2006 14:00	11.4	6.2	7.1	6.9
12/23/2006 15:00	11.8	7.2	7.5	7.3
12/23/2006 16:00	15.4	9.6	9.6	9.3
12/23/2006 17:00	16.1	10.1	11.8	11.5
12/23/2006 18:00	13.9	10.2	10.4	10.4
12/23/2006 19:00	13.7	9.6	9.5	9.5
12/23/2006 20:00	15.7	10.9	11.2	11.2
12/23/2006 21:00	17.2	12.4	8.4	8.4
12/23/2006 22:00	16.1	13.1	8.5	8.5
12/23/2006 23:00	13.3	10.2	10.4	10.4
12/24/2006 0:00	10.4	8.3	9.8	9.8
12/24/2006 1:00	8.7	6.9	7.2	7.2
12/24/2006 2:00	8.0	6.6	6.2	6.2
12/24/2006 3:00	7.9	6.9	6.4	6.4
12/24/2006 4:00	8.9	7.9	6.4	6.4
12/24/2006 5:00	6.9	6.6	6.2	6.2
12/24/2006 6:00	7.0	6.1	4.1	4.1
12/24/2006 7:00	17.0	14.0	4.3	4.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
12/24/2006 8:00	4.6	3.4	3.4	3.4
12/24/2006 9:00	12.6	9.5	5.5	5.5
12/24/2006 10:00	7.6	5.9	4.4	4.4
12/24/2006 11:00	7.5	4.9	3.6	3.6
12/24/2006 12:00	6.0	3.5	3.2	3.2
12/24/2006 13:00	6.5	3.7	3.4	3.1
12/24/2006 14:00	7.7	4.3	5.1	4.1
12/24/2006 15:00	11.7	7.1	6.5	5.3
12/24/2006 16:00	12.1	7.3	5.1	4.7
12/24/2006 17:00	11.0	6.9	4.7	4.9
12/24/2006 18:00	11.0	7.1	4.2	4.2
12/24/2006 19:00	19.6	14.8	7.8	7.8
12/24/2006 20:00	39.1	20.8	9.1	9.1
12/24/2006 21:00	26.1	15.0	5.7	5.7
12/24/2006 22:00	33.3	17.3	6.6	6.6
12/24/2006 23:00	38.1	15.9	12.9	11.0
12/25/2006 0:00	38.0	15.6	8.0	7.9
12/25/2006 1:00	15.7	11.8	8.4	8.4
12/25/2006 2:00	18.6	12.2	27.5	14.9
12/25/2006 3:00	48.6	14.6	8.3	8.3
12/25/2006 4:00	30.3	12.8	8.3	8.3
12/25/2006 5:00	11.2	9.0	6.7	6.2
12/25/2006 6:00	11.5	9.2	17.6	11.0
12/25/2006 7:00	20.1	12.7	18.8	13.7
12/25/2006 8:00	12.4	10.7	13.5	10.9
12/25/2006 9:00	17.9	11.5	24.7	14.7
12/25/2006 10:00	31.3	13.6	26.9	14.1
12/25/2006 11:00	31.9	17.2	28.3	15.6
12/25/2006 12:00	27.7	17.8	29.2	16.8
12/25/2006 13:00	16.3	13.7	12.9	8.6
12/25/2006 14:00	9.7	8.3	9.8	5.8
12/25/2006 15:00	7.4	6.4	10.5	6.2
12/25/2006 16:00	7.7	7.2	11.7	8.6
12/25/2006 17:00	11.7	10.8	14.3	10.7
12/25/2006 18:00	10.5	10.5	14.5	11.4
12/25/2006 19:00	11.9	11.9	13.2	10.9
12/25/2006 20:00	7.2	7.2	10.5	7.9
12/25/2006 21:00	9.4	9.0	13.9	9.6
12/25/2006 22:00	16.9	15.7	17.5	14.0
12/25/2006 23:00	14.6	14.2	16.9	14.5
12/26/2006 0:00	15.3	14.9	16.5	14.5
12/26/2006 1:00	13.8	13.6	15.2	13.6
12/26/2006 2:00	7.7	7.7	11.1	9.8
12/26/2006 3:00	5.3	5.3	8.5	7.6
12/26/2006 4:00	6.8	6.8	8.6	7.2
12/26/2006 5:00	6.9	6.4	6.8	6.5

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
12/26/2006 6:00	10.9	9.8	9.0	8.1
12/26/2006 7:00	13.8	11.1	10.7	9.5
12/26/2006 8:00	17.0	12.6	12.7	10.7
12/26/2006 9:00	18.4	13.1	14.8	11.9
12/26/2006 10:00	20.2	13.4	14.4	10.3
12/26/2006 11:00	20.3	13.2	16.1	10.7
12/26/2006 12:00	19.4	11.2	16.7	10.7
12/26/2006 13:00	23.3	13.0	18.3	11.7
12/26/2006 14:00	21.8	12.4	18.8	11.8
12/26/2006 15:00	21.2	13.1	17.8	12.0
12/26/2006 16:00	27.8	16.6	26.4	17.9
12/26/2006 17:00	25.9	16.1	20.0	15.7
12/26/2006 18:00	23.4	14.5	18.3	14.0
12/26/2006 19:00	29.9	18.3	24.2	17.6
12/26/2006 20:00	26.0	16.7	20.8	15.3
12/26/2006 21:00	15.5	10.8	12.3	10.9
12/26/2006 22:00	13.8	9.6	11.0	10.3
12/26/2006 23:00	18.8	13.8	11.5	11.3
12/27/2006 0:00	17.2	10.1	6.0	6.0
12/27/2006 1:00	12.7	9.9	5.3	5.3
12/27/2006 2:00	7.4	4.6	3.8	3.8
12/27/2006 3:00	7.2	5.6	3.9	3.9
12/27/2006 4:00	7.3	5.3	3.6	3.6
12/27/2006 5:00	5.7	4.5	3.9	3.9
12/27/2006 6:00	11.3	6.3	4.5	4.5
12/27/2006 7:00	17.7	10.1	7.6	7.6
12/27/2006 8:00	23.7	15.6	11.4	11.4
12/27/2006 9:00	24.9	13.8	11.4	11.0
12/27/2006 10:00	28.4	14.2	11.9	10.3
12/27/2006 11:00	25.6	11.2	13.8	9.6
12/27/2006 12:00	22.1	10.4	12.8	8.7
12/27/2006 13:00	22.9	10.3	12.6	8.5
12/27/2006 14:00	26.4	11.9	14.2	9.5
12/27/2006 15:00	24.1	11.1	14.6	10.0
12/27/2006 16:00	32.8	14.9	12.6	10.0
12/27/2006 17:00	33.9	16.9	15.0	12.9
12/27/2006 18:00	36.5	18.6	14.4	14.0
12/27/2006 19:00	28.9	15.1	12.0	12.0
12/27/2006 20:00	27.4	15.2	10.9	10.9
12/27/2006 21:00	29.6	17.5	12.9	12.9
12/27/2006 22:00	31.0	19.7	15.6	15.6
12/27/2006 23:00	26.1	15.3	14.0	14.0
12/28/2006 0:00	27.3	15.7	13.2	13.2
12/28/2006 1:00	28.0	16.8	14.8	14.9
12/28/2006 2:00	21.9	17.3	12.4	12.4
12/28/2006 3:00	22.9	16.0	12.8	12.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
12/28/2006 4:00	19.5	13.7	10.7	10.7
12/28/2006 5:00	23.1	13.3	9.8	9.8
12/28/2006 6:00	28.7	16.3	9.1	9.1
12/28/2006 7:00	25.9	16.5	20.1	13.9
12/28/2006 8:00	24.8	17.6	22.9	18.3
12/28/2006 9:00	40.1	18.7	65.0	22.1
12/28/2006 10:00	36.1	18.8	27.9	17.7
12/28/2006 11:00	33.3	17.4	31.3	16.9
12/28/2006 12:00	32.1	14.4	18.3	12.1
12/28/2006 13:00	35.5	14.4	15.5	10.3
12/28/2006 14:00	26.4	13.6	14.5	10.9
12/28/2006 15:00	36.1	15.5	15.7	11.6
12/28/2006 16:00	31.9	16.2	14.7	11.7
12/28/2006 17:00	19.5	16.0	28.4	17.5
12/28/2006 18:00	22.9	19.5	57.6	23.2
12/28/2006 19:00	33.0	21.8	49.9	21.6
12/28/2006 20:00	25.4	19.5	51.2	20.7
12/28/2006 21:00	27.6	19.0	61.0	20.9
12/28/2006 22:00	42.3	18.8	67.9	21.6
12/28/2006 23:00	48.0	18.3	89.8	22.3
12/29/2006 0:00	57.5	16.3	96.7	21.3
12/29/2006 1:00	82.9	16.2	88.4	21.4
12/29/2006 2:00	66.7	19.2	66.4	22.2
12/29/2006 3:00	40.9	18.8	45.3	19.8
12/29/2006 4:00	27.3	17.4	30.8	17.5
12/29/2006 5:00	25.5	16.8	28.7	16.7
12/29/2006 6:00	24.9	17.3	30.0	17.3
12/29/2006 7:00	23.3	17.4	31.2	17.6
12/29/2006 8:00	15.6	13.9	25.6	14.6
12/29/2006 9:00	20.6	14.9	37.1	16.5
12/29/2006 10:00	19.5	13.5	35.1	16.0
12/29/2006 11:00	17.6	11.6	28.3	12.9
12/29/2006 12:00	12.6	8.3	23.6	10.0
12/29/2006 13:00	11.4	8.2	21.3	9.7
12/29/2006 14:00	9.4	7.2	19.8	9.7
12/29/2006 15:00	9.5	8.0	21.7	10.9
12/29/2006 16:00	9.1	8.2	24.1	13.0
12/29/2006 17:00	9.2	8.6	23.0	13.2
12/29/2006 18:00	9.6	9.6	20.3	12.2
12/29/2006 19:00	8.6	8.6	23.3	11.8
12/29/2006 20:00	7.9	7.9	17.1	10.7
12/29/2006 21:00	7.6	7.6	17.6	10.1
12/29/2006 22:00	7.8	7.8	20.6	11.2
12/29/2006 23:00	8.5	8.5	23.4	12.2
12/30/2006 0:00	8.3	8.3	20.7	11.6
12/30/2006 1:00	7.4	7.4	16.4	10.0

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
12/30/2006 2:00	7.6	7.6	13.4	9.6
12/30/2006 3:00	7.6	7.6	12.9	9.8
12/30/2006 4:00	7.3	7.3	10.8	8.3
12/30/2006 5:00	8.2	8.2	16.0	10.0
12/30/2006 6:00	10.1	8.5	9.5	8.6
12/30/2006 7:00	10.5	7.0	6.5	6.0
12/30/2006 8:00	20.1	11.3	9.3	8.7
12/30/2006 9:00	30.7	15.5	24.9	16.0
12/30/2006 10:00	40.6	15.5	28.1	15.1
12/30/2006 11:00	55.2	19.1	49.0	17.8
12/30/2006 12:00	54.5	18.4	51.0	17.8
12/30/2006 13:00	51.0	18.1	48.9	18.2
12/30/2006 14:00	46.8	17.6	44.9	18.6
12/30/2006 15:00	46.4	19.0	43.4	19.7
12/30/2006 16:00	44.5	20.5	38.9	20.7
12/30/2006 17:00	36.7	20.8	47.5	21.7
12/30/2006 18:00	29.7	20.8	42.3	21.8
12/30/2006 19:00	19.0	17.3	23.9	17.3
12/30/2006 20:00	14.6	14.0	17.8	14.1
12/30/2006 21:00	11.2	10.9	13.8	10.6
12/30/2006 22:00	9.4	9.4	13.0	10.0
12/30/2006 23:00	8.2	8.2	13.3	9.5
12/31/2006 0:00	7.9	7.9	11.6	9.0
12/31/2006 1:00	5.9	5.9	8.2	6.9
12/31/2006 2:00	6.1	6.1	8.0	6.8
12/31/2006 3:00	6.2	6.2	9.5	7.3
12/31/2006 4:00	7.1	7.1	8.9	7.9
12/31/2006 5:00	6.1	6.1	7.8	7.0
12/31/2006 6:00	5.2	5.2	6.2	5.6
12/31/2006 7:00	5.0	5.0	6.4	5.7
12/31/2006 8:00	5.6	5.6	8.1	6.5
12/31/2006 9:00	6.0	5.7	10.0	6.9
12/31/2006 10:00	6.6	5.9	10.4	6.9
12/31/2006 11:00	7.8	6.7	10.9	7.4
12/31/2006 12:00	8.8	7.3	12.5	7.8
12/31/2006 13:00	9.7	8.1	14.3	9.4
12/31/2006 14:00	10.0	8.6	14.4	10.2
12/31/2006 15:00	13.5	12.1	17.2	13.8
12/31/2006 16:00	15.7	14.4	15.4	14.4
12/31/2006 17:00	17.1	16.3	16.6	16.0
12/31/2006 18:00	15.8	15.4	16.3	15.4
12/31/2006 19:00	11.2	11.2	10.9	10.9
12/31/2006 20:00	9.0	8.4	7.7	7.7
12/31/2006 21:00	14.7	10.4	5.7	5.7
12/31/2006 22:00	10.2	7.4	5.9	5.9
12/31/2006 23:00	10.2	9.0	8.9	8.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
1/1/2007 0:00	8.7	6.8	6.1	6.1
1/1/2007 1:00	8.3	7.4	6.0	6.0
1/1/2007 2:00	3.4	2.8	3.1	3.1
1/1/2007 3:00	3.3	2.8	4.0	4.0
1/1/2007 4:00	3.9	3.6	3.0	3.0
1/1/2007 5:00	5.4	4.9	3.7	3.7
1/1/2007 6:00	5.3	4.5	4.3	4.3
1/1/2007 7:00	5.7	4.8	4.6	4.6
1/1/2007 8:00	5.3	4.6	4.2	4.2
1/1/2007 9:00	9.1	5.9	5.2	5.2
1/1/2007 10:00	11.0	6.2	5.9	5.3
1/1/2007 11:00	11.2	6.5	5.5	4.9
1/1/2007 12:00	9.1	4.5	3.9	3.6
1/1/2007 13:00	7.2	3.2	3.3	3.2
1/1/2007 14:00	12.0	4.6	3.7	3.4
1/1/2007 15:00	10.9	4.9	4.5	3.9
1/1/2007 16:00	13.4	6.1	5.6	5.3
1/1/2007 17:00	20.1	8.6	6.5	6.3
1/1/2007 18:00	19.9	10.5	8.6	8.6
1/1/2007 19:00	27.5	15.3	17.2	14.5
1/1/2007 20:00	17.1	10.1	12.9	11.0
1/1/2007 21:00	13.1	7.9	9.2	7.1
1/1/2007 22:00	9.3	6.2	7.6	5.7
1/1/2007 23:00	12.6	9.0	10.7	8.2
1/2/2007 0:00	19.5	12.7	16.1	12.4
1/2/2007 1:00	13.1	10.2	14.0	12.5
1/2/2007 2:00	14.4	10.9	15.4	13.5
1/2/2007 3:00	16.4	12.5	17.6	14.6
1/2/2007 4:00	18.7	13.5	17.7	14.7
1/2/2007 5:00	19.5	14.0	16.7	14.8
1/2/2007 6:00	32.2	18.9	21.9	18.5
1/2/2007 7:00	56.4	27.1	24.1	22.8
1/2/2007 8:00	67.0	28.2	27.8	23.5
1/2/2007 9:00	130.4	29.6	34.7	20.6
1/2/2007 10:00	63.6	22.9	26.2	16.8
1/2/2007 11:00	48.6	18.5	19.7	11.9
1/2/2007 12:00	38.2	15.6	14.6	9.2
1/2/2007 13:00	32.8	13.4	10.9	7.4
1/2/2007 14:00	29.6	12.7	8.6	6.1
1/2/2007 15:00	25.3	9.1	9.1	7.0
1/2/2007 16:00	27.5	12.0	11.4	9.5
1/2/2007 17:00	37.4	17.1	8.6	8.2
1/2/2007 18:00	40.6	17.7	8.7	8.7
1/2/2007 19:00	59.4	24.9	8.9	8.9
1/2/2007 20:00	49.1	21.5	7.0	7.0
1/2/2007 21:00	35.9	16.4	7.6	7.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
1/2/2007 22:00	29.6	16.3	10.3	10.3
1/2/2007 23:00	29.7	17.6	11.1	11.1
1/3/2007 0:00	27.5	15.6	13.3	13.3
1/3/2007 1:00	20.4	10.3	6.8	6.8
1/3/2007 2:00	16.4	9.0	7.0	7.0
1/3/2007 3:00	17.8	9.0	7.1	7.1
1/3/2007 4:00	22.5	11.1	7.3	7.3
1/3/2007 5:00	24.0	11.4	5.9	5.9
1/3/2007 6:00	26.1	12.1	6.9	6.9
1/3/2007 7:00	29.6	14.3	9.3	9.3
1/3/2007 8:00	36.9	16.4	12.3	12.3
1/3/2007 9:00	34.8	15.0	13.7	12.1
1/3/2007 10:00	31.5	11.7	20.1	12.0
1/3/2007 11:00	28.1	10.9	18.9	10.4
1/3/2007 12:00	29.9	10.4	12.5	8.0
1/3/2007 13:00	29.1	11.2	12.0	7.8
1/3/2007 14:00	26.7	10.8	11.6	8.1
1/3/2007 15:00	30.0	12.8	11.8	8.8
1/3/2007 16:00	31.5	12.5	13.7	10.6
1/3/2007 17:00	41.5	18.8	14.4	12.8
1/3/2007 18:00	44.9	20.1	14.7	14.7
1/3/2007 19:00	50.5	21.0	17.4	17.4
1/3/2007 20:00	52.9	25.0	19.3	19.3
1/3/2007 21:00	46.8	22.5	15.6	15.6
1/3/2007 22:00	41.6	20.0	17.3	17.3
1/3/2007 23:00	39.8	22.0	17.4	17.4
1/4/2007 0:00	32.9	17.2	13.2	13.2
1/4/2007 1:00	34.0	19.0	16.8	16.8
1/4/2007 2:00	35.7	20.8	20.7	20.4
1/4/2007 3:00	34.6	22.8	23.6	22.6
1/4/2007 4:00	38.0	23.6	23.4	23.0
1/4/2007 5:00	37.7	20.8	18.7	18.8
1/4/2007 6:00	24.2	15.3	13.1	13.1
1/4/2007 7:00	33.2	15.3	11.1	11.2
1/4/2007 8:00	41.2	17.7	12.2	12.1
1/4/2007 9:00	36.7	14.7	12.5	11.7
1/4/2007 10:00	33.2	13.6	14.1	10.3
1/4/2007 11:00	35.3	14.1	15.7	10.0
1/4/2007 12:00	36.8	14.0	17.3	11.5
1/4/2007 13:00	37.8	15.3	16.1	11.5
1/4/2007 14:00	32.9	15.3	14.8	11.8
1/4/2007 15:00	33.3	16.3	13.9	11.9
1/4/2007 16:00	36.9	19.1	15.7	14.4
1/4/2007 17:00	44.8	22.6	14.8	14.6
1/4/2007 18:00	47.5	23.3	16.8	16.8
1/4/2007 19:00	38.9	21.7	17.6	17.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
1/4/2007 20:00	31.1	19.5	15.1	15.1
1/4/2007 21:00	45.8	23.0	16.6	16.6
1/4/2007 22:00	53.7	21.6	12.3	12.3
1/4/2007 23:00	35.3	16.8	9.6	9.6
1/5/2007 0:00	29.7	15.2	6.9	6.9
1/5/2007 1:00	34.4	24.8	64.8	27.4
1/5/2007 2:00	34.1	25.0	71.0	28.1
1/5/2007 3:00	59.8	26.4	30.4	23.7
1/5/2007 4:00	37.7	18.8	13.5	13.5
1/5/2007 5:00	24.7	14.8	11.4	11.4
1/5/2007 6:00	26.0	15.4	12.3	12.3
1/5/2007 7:00	27.2	14.6	9.8	9.8
1/5/2007 8:00	34.7	15.9	13.4	13.4
1/5/2007 9:00	52.7	18.6	14.2	13.7
1/5/2007 10:00	46.1	17.0	12.9	10.9
1/5/2007 11:00	47.7	16.3	9.2	7.8
1/5/2007 12:00	40.3	14.4	9.8	8.2
1/5/2007 13:00	52.8	15.7	9.9	8.4
1/5/2007 14:00	54.7	18.6	16.0	12.1
1/5/2007 15:00	50.1	19.6	13.4	11.5
1/5/2007 16:00	25.7	16.0	15.4	13.7
1/5/2007 17:00	36.3	17.3	39.3	17.5
1/5/2007 18:00	51.2	18.2	88.2	22.9
1/5/2007 19:00	57.6	19.0	95.2	19.9
1/5/2007 20:00	97.5	20.6	100.2	20.6
1/5/2007 21:00	52.1	18.6	86.9	20.6
1/5/2007 22:00	40.8	19.9	56.9	19.1
1/5/2007 23:00	28.6	18.3	68.0	20.8
1/6/2007 0:00	47.2	18.7	62.9	20.1
1/6/2007 1:00	70.8	20.2	45.1	18.4
1/6/2007 2:00	66.9	20.4	33.2	17.2
1/6/2007 3:00	72.0	21.9	47.3	20.0
1/6/2007 4:00	30.6	17.6	29.2	19.1
1/6/2007 5:00	19.6	12.7	10.9	10.9
1/6/2007 6:00	16.8	10.9	7.5	7.5
1/6/2007 7:00	16.7	10.9	8.3	8.3
1/6/2007 8:00	13.3	8.2	7.6	7.6
1/6/2007 9:00	21.7	12.5	8.6	8.6
1/6/2007 10:00	18.0	10.7	6.9	6.9
1/6/2007 11:00	30.7	14.5	11.3	9.0
1/6/2007 12:00	25.1	12.0	21.7	14.4
1/6/2007 13:00	19.3	9.1	6.8	5.5
1/6/2007 14:00	15.2	7.3	3.9	3.9
1/6/2007 15:00	19.6	10.6	5.7	5.5
1/6/2007 16:00	16.0	8.2	4.1	3.9
1/6/2007 17:00	17.4	7.4	4.1	4.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
1/6/2007 18:00	15.9	8.8	6.1	6.1
1/6/2007 19:00	18.1	10.3	8.9	8.9
1/6/2007 20:00	17.9	10.8	6.3	6.3
1/6/2007 21:00	20.9	10.5	6.6	6.6
1/6/2007 22:00	18.7	11.5	8.3	8.3
1/6/2007 23:00	29.0	15.8	8.4	8.4
1/7/2007 0:00	39.0	22.5	20.2	16.0
1/7/2007 1:00	59.7	23.8	21.2	17.7
1/7/2007 2:00	49.3	21.2	45.9	19.2
1/7/2007 3:00	42.4	18.3	64.0	20.4
1/7/2007 4:00	96.2	20.4	52.5	18.7
1/7/2007 5:00	43.8	16.1	84.2	21.3
1/7/2007 6:00	85.3	17.6	84.0	19.8
1/7/2007 7:00	48.9	16.2	62.7	19.5
1/7/2007 8:00	95.0	19.3	39.8	16.8
1/7/2007 9:00	53.8	16.4	43.3	19.0
1/7/2007 10:00	53.6	17.5	39.7	17.2
1/7/2007 11:00	26.7	16.3	40.5	17.6
1/7/2007 12:00	20.9	14.2	18.6	13.0
1/7/2007 13:00	18.7	12.4	16.7	11.6
1/7/2007 14:00	13.2	10.4	12.5	9.9
1/7/2007 15:00	11.9	10.3	28.3	14.7
1/7/2007 16:00	14.0	12.6	33.3	15.4
1/7/2007 17:00	13.9	13.0	37.8	17.1
1/7/2007 18:00	13.5	13.3	39.2	16.7
1/7/2007 19:00	12.9	12.9	37.4	16.2
1/7/2007 20:00	9.8	9.8	33.2	15.0
1/7/2007 21:00	5.9	5.9	25.6	11.7
1/7/2007 22:00	6.1	6.1	29.0	13.4
1/7/2007 23:00	6.1	6.1	30.7	14.8
1/8/2007 0:00	6.3	6.3	32.3	16.4
1/8/2007 1:00	34.6	16.6	7.7	7.7
1/8/2007 2:00	25.3	13.0	5.7	5.7
1/8/2007 3:00	17.4	11.0	11.0	11.0
1/8/2007 4:00	12.2	8.3	8.4	8.4
1/8/2007 5:00	12.0	7.0	8.1	8.1
1/8/2007 6:00	14.4	7.4	6.0	6.0
1/8/2007 7:00	13.9	7.1	5.5	5.5
1/8/2007 8:00	13.6	6.2	8.3	8.3
1/8/2007 9:00	17.6	7.9	4.7	4.7
1/8/2007 10:00	16.0	6.7	3.8	3.8
1/8/2007 11:00	22.1	9.3	4.1	4.0
1/8/2007 12:00	20.9	8.8	5.9	4.8
1/8/2007 13:00	19.6	8.5	5.3	4.9
1/8/2007 14:00	20.6	7.9	5.0	4.5
1/8/2007 15:00	outlier removed	outlier removed	4.0	3.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
1/8/2007 16:00	outlier removed	outlier removed	4.2	3.8
1/8/2007 17:00	12.6	2.0	5.2	5.2
1/8/2007 18:00	31.6	13.8	8.6	8.6
1/8/2007 19:00	42.2	20.5	11.3	11.3
1/8/2007 20:00	49.5	23.7	11.3	11.3
1/8/2007 21:00	37.9	17.5	6.2	6.2
1/8/2007 22:00	27.8	12.0	6.2	6.2
1/8/2007 23:00	27.1	14.0	6.1	6.1
1/9/2007 0:00	25.2	12.9	5.1	5.1
1/9/2007 1:00	18.5	11.0	5.1	5.1
1/9/2007 2:00	26.0	16.1	6.7	6.7
1/9/2007 3:00	20.2	14.0	7.8	7.8
1/9/2007 4:00	23.8	14.1	7.0	7.0
1/9/2007 5:00	23.3	12.0	7.6	7.6
1/9/2007 6:00	41.7	18.7	9.0	9.0
1/9/2007 7:00	64.2	27.5	29.9	23.8
1/9/2007 8:00	68.6	29.4	31.6	26.4
1/9/2007 9:00	73.6	28.5	24.7	21.0
1/9/2007 10:00	59.7	26.3	25.1	17.6
1/9/2007 11:00	33.0	14.4	29.1	16.2
1/9/2007 12:00	28.6	12.6	29.9	14.3
1/9/2007 13:00	31.2	14.5	21.9	13.9
1/9/2007 14:00	34.1	16.9	19.0	14.3
1/9/2007 15:00	37.1	18.3	21.9	15.9
1/9/2007 16:00	36.7	17.5	25.4	17.6
1/9/2007 17:00	35.9	18.2	19.3	15.4
1/9/2007 18:00	43.1	22.2	16.5	13.0
1/9/2007 19:00	41.3	21.1	15.4	13.1
1/9/2007 20:00	34.7	20.2	24.7	19.5
1/9/2007 21:00	26.3	14.0	22.2	15.6
1/9/2007 22:00	28.4	16.3	24.1	19.1
1/9/2007 23:00	29.4	14.5	20.9	13.8
1/10/2007 0:00	44.8	21.5	29.5	18.6
1/10/2007 1:00	21.9	12.6	26.5	23.1
1/10/2007 2:00	21.7	13.4	19.8	17.1
1/10/2007 3:00	22.7	15.0	16.2	14.8
1/10/2007 4:00	13.2	8.4	14.8	10.8
1/10/2007 5:00	26.7	18.0	15.4	13.9
1/10/2007 6:00	20.1	12.5	16.8	13.8
1/10/2007 7:00	42.8	22.7	16.0	15.0
1/10/2007 8:00	45.1	24.6	8.6	8.8
1/10/2007 9:00	47.2	23.1	28.3	16.3
1/10/2007 10:00	42.7	18.6	34.7	18.6
1/10/2007 11:00	42.4	17.9	34.4	16.3
1/10/2007 12:00	38.8	15.2	21.7	11.4
1/10/2007 13:00	28.0	10.5	6.9	4.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
1/10/2007 14:00	31.3	12.2	6.9	4.9
1/10/2007 15:00	33.8	11.8	6.4	4.6
1/10/2007 16:00	31.1	12.9	6.8	5.5
1/10/2007 17:00	45.3	18.3	6.4	5.8
1/10/2007 18:00	86.4	32.1	8.9	8.9
1/10/2007 19:00	86.0	31.8	8.7	8.7
1/10/2007 20:00	85.6	30.5	6.8	6.8
1/10/2007 21:00	52.5	20.3	6.8	6.8
1/10/2007 22:00	26.4	10.5	4.0	4.0
1/10/2007 23:00	39.7	15.9	5.1	5.1
1/11/2007 0:00	36.3	15.7	5.0	5.0
1/11/2007 1:00	31.2	14.3	8.4	8.4
1/11/2007 2:00	26.4	13.6	8.7	8.7
1/11/2007 3:00	21.0	11.7	9.3	9.3
1/11/2007 4:00	18.5	10.7	7.4	7.4
1/11/2007 5:00	16.8	9.7	7.4	7.4
1/11/2007 6:00	18.9	9.5	6.3	6.3
1/11/2007 7:00	23.7	9.8	5.9	5.9
1/11/2007 8:00	26.2	11.0	7.3	7.3
1/11/2007 9:00	29.2	12.6	7.9	7.5
1/11/2007 10:00	26.2	10.9	6.9	6.0
1/11/2007 11:00	27.2	9.3	7.4	5.8
1/11/2007 12:00	27.0	11.1	8.5	6.4
1/11/2007 13:00	30.7	12.9	9.8	7.8
1/11/2007 14:00	33.4	16.4	13.3	11.2
1/11/2007 15:00	44.5	23.2	17.7	16.0
1/11/2007 16:00	49.3	22.2	16.8	15.0
1/11/2007 17:00	38.6	20.3	15.6	15.2
1/11/2007 18:00	39.6	20.3	13.4	13.4
1/11/2007 19:00	40.5	19.0	12.7	12.7
1/11/2007 20:00	25.9	13.4	10.0	10.0
1/11/2007 21:00	27.7	13.1	8.3	8.3
1/11/2007 22:00	29.3	13.3	7.6	7.6
1/11/2007 23:00	26.8	15.6	12.1	12.1
1/12/2007 0:00	29.3	20.0	26.2	22.6
1/12/2007 1:00	26.0	19.5	12.7	12.7
1/12/2007 2:00	22.0	15.4	7.5	7.5
1/12/2007 3:00	17.6	9.9	6.7	6.7
1/12/2007 4:00	20.3	11.6	7.1	7.1
1/12/2007 5:00	18.8	10.3	9.3	9.3
1/12/2007 6:00	20.6	10.0	7.4	7.4
1/12/2007 7:00	38.7	17.1	9.4	9.4
1/12/2007 8:00	40.1	19.3	12.1	12.1
1/12/2007 9:00	39.9	17.2	12.9	12.6
1/12/2007 10:00	42.2	19.3	14.1	12.6
1/12/2007 11:00	35.8	17.1	15.1	12.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
1/12/2007 12:00	39.5	19.0	16.6	14.0
1/12/2007 13:00	37.4	15.9	17.2	12.3
1/12/2007 14:00	39.9	17.2	14.7	11.5
1/12/2007 15:00	40.3	18.6	14.0	12.1
1/12/2007 16:00	53.6	22.9	15.4	14.6
1/12/2007 17:00	53.7	21.9	14.2	13.4
1/12/2007 18:00	36.4	18.2	12.1	12.1
1/12/2007 19:00	35.7	18.9	12.6	12.6
1/12/2007 20:00	33.3	17.5	11.9	11.9
1/12/2007 21:00	43.2	18.2	11.5	11.5
1/12/2007 22:00	28.0	15.3	10.1	10.1
1/12/2007 23:00	32.5	15.4	11.4	11.4
1/13/2007 0:00	29.8	17.5	23.2	15.7
1/13/2007 1:00	5.0	4.6	13.6	7.9
1/13/2007 2:00	5.4	5.1	12.1	7.0
1/13/2007 3:00	3.7	3.7	10.3	6.3
1/13/2007 4:00	4.4	4.4	11.7	7.3
1/13/2007 5:00	3.1	3.1	8.9	5.1
1/13/2007 6:00	3.8	3.8	10.3	6.5
1/13/2007 7:00	3.7	3.6	9.3	6.0
1/13/2007 8:00	4.5	4.3	13.6	7.4
1/13/2007 9:00	5.9	5.3	21.7	10.9
1/13/2007 10:00	8.3	7.2	20.0	10.8
1/13/2007 11:00	9.1	7.5	24.4	11.9
1/13/2007 12:00	9.6	8.0	26.1	12.1
1/13/2007 13:00	12.6	9.5	28.8	12.4
1/13/2007 14:00	13.5	10.6	29.6	13.6
1/13/2007 15:00	10.7	8.8	25.9	11.6
1/13/2007 16:00	12.0	10.5	26.6	12.5
1/13/2007 17:00	6.5	5.9	21.4	8.2
1/13/2007 18:00	4.5	4.5	24.5	11.3
1/13/2007 19:00	8.5	8.5	27.4	14.4
1/13/2007 20:00	10.1	9.8	28.0	18.3
1/13/2007 21:00	6.2	5.9	19.0	10.1
1/13/2007 22:00	6.7	6.5	18.5	8.9
1/13/2007 23:00	5.3	5.3	14.5	9.6
1/14/2007 0:00	6.7	6.5	14.9	10.6
1/14/2007 1:00	14.1	12.8	17.0	11.6
1/14/2007 2:00	13.5	12.8	19.2	15.3
1/14/2007 3:00	10.2	10.1	13.4	10.9
1/14/2007 4:00	10.5	10.2	12.7	10.0
1/14/2007 5:00	10.5	10.3	13.8	11.0
1/14/2007 6:00	10.3	9.9	14.2	11.1
1/14/2007 7:00	10.3	9.9	16.2	11.8
1/14/2007 8:00	8.5	8.5	10.6	6.9
1/14/2007 9:00	16.6	15.8	18.2	12.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
1/14/2007 10:00	10.1	9.0	16.2	9.2
1/14/2007 11:00	15.8	12.4	31.9	15.5
1/14/2007 12:00	15.2	12.1	29.1	13.9
1/14/2007 13:00	10.5	9.0	26.4	12.2
1/14/2007 14:00	6.2	5.4	19.4	9.5
1/14/2007 15:00	7.2	6.0	23.1	10.2
1/14/2007 16:00	11.4	9.7	28.5	14.2
1/14/2007 17:00	7.6	7.1	22.3	12.0
1/14/2007 18:00	8.4	8.4	29.4	13.3
1/14/2007 19:00	14.0	13.7	38.1	22.0
1/14/2007 20:00	15.4	15.1	34.6	22.5
1/14/2007 21:00	11.6	11.5	24.5	13.8
1/14/2007 22:00	6.8	6.7	20.4	10.9
1/14/2007 23:00	7.1	6.9	16.7	9.2
1/15/2007 0:00	4.5	4.5	16.1	7.9
1/15/2007 1:00	5.1	5.1	10.7	6.6
1/15/2007 2:00	6.2	6.2	12.5	7.6
1/15/2007 3:00	6.3	6.3	13.2	8.0
1/15/2007 4:00	4.7	4.7	12.6	7.4
1/15/2007 5:00	4.2	4.2	14.0	8.1
1/15/2007 6:00	7.0	7.0	17.3	8.4
1/15/2007 7:00	8.2	7.9	22.0	11.4
1/15/2007 8:00	16.9	15.4	31.3	17.5
1/15/2007 9:00	23.1	18.8	46.0	23.3
1/15/2007 10:00	21.2	16.5	43.0	17.7
1/15/2007 11:00	14.7	12.0	37.9	16.4
1/15/2007 12:00	13.0	9.6	47.5	17.7
1/15/2007 13:00	21.5	14.0	44.5	19.2
1/15/2007 14:00	61.5	23.9	45.2	23.7
1/15/2007 15:00	66.7	25.1	40.2	23.5
1/15/2007 16:00	70.2	26.0	42.7	22.7
1/15/2007 17:00	75.1	27.6	64.6	27.7
1/15/2007 18:00	69.2	27.3	65.2	28.9
1/15/2007 19:00	64.2	28.2	59.4	28.5
1/15/2007 20:00	68.1	29.2	65.4	30.8
1/15/2007 21:00	55.6	28.1	49.0	27.4
1/15/2007 22:00	56.7	29.6	55.9	28.5
1/15/2007 23:00	18.9	16.3	30.8	15.3
1/16/2007 0:00	10.1	8.6	30.9	16.3
1/16/2007 1:00	13.3	10.5	23.8	14.3
1/16/2007 2:00	10.2	8.4	25.8	14.8
1/16/2007 3:00	16.4	12.5	21.0	13.1
1/16/2007 4:00	22.7	15.0	22.2	14.5
1/16/2007 5:00	21.2	14.4	23.8	14.4
1/16/2007 6:00	25.8	16.4	24.1	13.5
1/16/2007 7:00	40.5	21.4	37.2	20.4

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
1/16/2007 8:00	40.3	21.0	36.4	21.6
1/16/2007 9:00	48.0	22.1	43.5	23.4
1/16/2007 10:00	52.9	22.2	48.6	21.7
1/16/2007 11:00	44.2	18.7	41.9	15.4
1/16/2007 12:00	41.7	16.6	36.9	15.1
1/16/2007 13:00	43.0	16.7	35.8	13.8
1/16/2007 14:00	36.4	15.0	33.2	13.4
1/16/2007 15:00	26.0	12.5	38.7	13.5
1/16/2007 16:00	25.0	12.7	40.4	12.6
1/16/2007 17:00	36.7	19.2	47.4	22.0
1/16/2007 18:00	53.0	25.7	54.0	25.8
1/16/2007 19:00	78.5	32.9	62.8	31.3
1/16/2007 20:00	85.4	32.1	21.9	19.7
1/16/2007 21:00	61.7	25.8	12.2	12.2
1/16/2007 22:00	86.4	34.2	19.5	19.8
1/16/2007 23:00	81.1	33.7	19.1	19.1
1/17/2007 0:00	65.3	32.7	21.3	21.3
1/17/2007 1:00	58.0	31.3	69.7	34.3
1/17/2007 2:00	84.8	33.8	83.2	34.8
1/17/2007 3:00	86.3	32.5	63.9	32.3
1/17/2007 4:00	92.8	32.3	34.4	27.0
1/17/2007 5:00	96.4	33.4	26.5	25.3
1/17/2007 6:00	97.7	32.0	31.5	27.9
1/17/2007 7:00	104.3	31.1	32.1	26.9
1/17/2007 8:00	105.2	30.2	33.3	22.8
1/17/2007 9:00	118.2	29.3	26.6	19.2
1/17/2007 10:00	59.9	21.5	15.3	10.8
1/17/2007 11:00	45.0	17.1	13.1	8.5
1/17/2007 12:00	35.0	12.6	9.7	6.4
1/17/2007 13:00	32.7	11.3	14.6	8.9
1/17/2007 14:00	38.2	14.0	outlier removed	outlier removed
1/17/2007 15:00	outlier removed	outlier removed	11.5	8.6
1/17/2007 16:00	35.0	14.2	12.5	10.2
1/17/2007 17:00	48.3	18.9	11.5	10.6
1/17/2007 18:00	53.1	21.8	18.2	17.8
1/17/2007 19:00	71.9	27.0	13.7	13.7
1/17/2007 20:00	57.9	24.9	12.2	12.2
1/17/2007 21:00	70.0	28.3	8.6	8.6
1/17/2007 22:00	57.5	23.9	4.2	4.2
1/17/2007 23:00	45.3	21.4	6.9	6.9
1/18/2007 0:00	31.6	15.9	11.5	11.5
1/18/2007 1:00	27.2	15.6	9.6	9.6
1/18/2007 2:00	35.3	17.8	8.2	8.2
1/18/2007 3:00	26.8	13.4	7.2	7.2
1/18/2007 4:00	21.4	12.0	7.2	7.2
1/18/2007 5:00	27.0	15.4	10.9	10.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
1/18/2007 6:00	39.9	21.5	13.8	13.8
1/18/2007 7:00	34.6	17.7	11.9	11.9
1/18/2007 8:00	43.0	21.3	16.4	16.3
1/18/2007 9:00	59.0	24.1	23.3	19.9
1/18/2007 10:00	52.9	22.8	26.6	18.3
1/18/2007 11:00	50.9	20.5	25.4	15.5
1/18/2007 12:00	46.7	16.4	24.2	12.7
1/18/2007 13:00	54.5	19.0	28.2	14.0
1/18/2007 14:00	58.8	20.9	28.0	16.8
1/18/2007 15:00	52.6	21.1	24.5	16.1
1/18/2007 16:00	51.3	21.5	21.9	16.4
1/18/2007 17:00	53.9	22.2	18.7	15.8
1/18/2007 18:00	50.1	21.1	14.0	14.0
1/18/2007 19:00	44.7	21.6	12.8	12.8
1/18/2007 20:00	44.3	23.1	21.2	20.7
1/18/2007 21:00	36.6	18.1	13.9	13.9
1/18/2007 22:00	38.5	18.2	14.4	14.4
1/18/2007 23:00	23.9	13.1	8.5	8.5
1/19/2007 0:00	16.3	8.4	5.4	5.4
1/19/2007 1:00	11.7	7.1	5.8	5.8
1/19/2007 2:00	15.8	7.6	5.0	5.0
1/19/2007 3:00	17.2	9.4	6.8	6.8
1/19/2007 4:00	12.8	6.7	5.0	5.0
1/19/2007 5:00	16.6	10.0	6.6	6.6
1/19/2007 6:00	18.1	9.4	6.1	6.1
1/19/2007 7:00	28.3	15.0	7.9	7.9
1/19/2007 8:00	30.8	19.4	26.7	21.4
1/19/2007 9:00	33.4	18.4	23.1	18.5
1/19/2007 10:00	35.9	16.2	8.7	7.8
1/19/2007 11:00	26.3	12.4	9.5	7.7
1/19/2007 12:00	29.6	12.4	10.7	8.5
1/19/2007 13:00	28.5	11.0	8.3	7.1
1/19/2007 14:00	26.9	11.3	7.3	6.2
1/19/2007 15:00	21.6	9.8	6.2	5.4
1/19/2007 16:00	25.1	12.8	7.7	7.0
1/19/2007 17:00	23.3	12.7	8.3	8.3
1/19/2007 18:00	27.6	17.0	9.0	9.0
1/19/2007 19:00	30.4	19.3	10.6	10.3
1/19/2007 20:00	37.3	21.3	9.1	9.1
1/19/2007 21:00	33.5	21.2	22.0	18.2
1/19/2007 22:00	22.2	14.0	20.3	14.0
1/19/2007 23:00	31.6	15.3	29.0	18.0
1/20/2007 0:00	29.2	15.9	26.7	17.7
1/20/2007 1:00	34.5	23.8	17.4	17.3
1/20/2007 2:00	40.4	28.4	15.4	15.4
1/20/2007 3:00	40.0	27.8	20.5	20.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
1/20/2007 4:00	29.0	22.2	12.8	12.8
1/20/2007 5:00	22.1	17.8	17.1	17.1
1/20/2007 6:00	21.2	15.5	20.0	17.9
1/20/2007 7:00	25.1	17.4	25.9	20.3
1/20/2007 8:00	40.8	24.5	27.3	24.7
1/20/2007 9:00	49.8	26.3	25.2	20.5
1/20/2007 10:00	42.1	19.9	29.7	16.3
1/20/2007 11:00	27.2	12.5	28.8	11.6
1/20/2007 12:00	25.4	10.3	22.4	10.3
1/20/2007 13:00	21.2	9.5	19.2	8.9
1/20/2007 14:00	23.3	10.5	16.0	8.3
1/20/2007 15:00	22.1	10.9	16.4	8.8
1/20/2007 16:00	20.8	12.7	23.3	12.5
1/20/2007 17:00	36.9	19.2	12.6	10.1
1/20/2007 18:00	49.0	23.9	12.7	12.7
1/20/2007 19:00	68.1	31.3	18.9	19.2
1/20/2007 20:00	59.3	33.4	86.2	34.4
1/20/2007 21:00	52.6	31.6	83.2	34.3
1/20/2007 22:00	105.7	34.6	52.5	31.0
1/20/2007 23:00	119.0	34.5	23.8	22.1
1/21/2007 0:00	95.2	31.2	27.5	22.2
1/21/2007 1:00	24.3	22.4	39.9	26.4
1/21/2007 2:00	18.5	18.5	40.8	25.3
1/21/2007 3:00	13.1	13.1	21.1	14.1
1/21/2007 4:00	10.6	10.6	14.6	11.2
1/21/2007 5:00	7.2	7.2	12.5	8.9
1/21/2007 6:00	7.9	7.9	13.1	9.3
1/21/2007 7:00	9.3	9.3	17.1	12.0
1/21/2007 8:00	13.2	13.2	26.4	16.1
1/21/2007 9:00	7.6	7.6	5.0	5.0
1/21/2007 10:00	7.5	7.0	6.6	6.3
1/21/2007 11:00	7.4	6.0	5.9	5.0
1/21/2007 12:00	7.1	5.5	6.5	5.1
1/21/2007 13:00	10.4	8.0	9.2	7.3
1/21/2007 14:00	10.2	7.9	9.3	7.3
1/21/2007 15:00	9.9	7.6	16.9	10.3
1/21/2007 16:00	12.3	10.6	37.4	17.3
1/21/2007 17:00	13.6	12.2	37.4	17.9
1/21/2007 18:00	12.0	11.9	39.9	21.1
1/21/2007 19:00	10.1	10.1	29.5	17.0
1/21/2007 20:00	6.7	6.7	27.0	12.0
1/21/2007 21:00	6.6	6.6	26.6	13.3
1/21/2007 22:00	8.1	8.1	28.4	13.5
1/21/2007 23:00	10.1	10.1	37.9	19.5
1/22/2007 0:00	19.3	18.4	40.0	23.0
1/22/2007 1:00	15.0	15.0	24.1	16.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
1/22/2007 2:00	10.2	10.2	17.1	11.3
1/22/2007 3:00	17.6	17.2	24.3	17.4
1/22/2007 4:00	16.2	16.0	27.7	20.5
1/22/2007 5:00	21.3	20.7	32.1	21.8
1/22/2007 6:00	26.2	25.2	44.5	27.1
1/22/2007 7:00	37.2	31.3	66.2	33.6
1/22/2007 8:00	50.4	34.0	79.7	34.0
1/22/2007 9:00	65.7	34.6	91.1	35.2
1/22/2007 10:00	80.0	33.9	95.6	33.9
1/22/2007 11:00	84.0	33.6	90.7	31.3
1/22/2007 12:00	92.9	32.9	78.7	30.2
1/22/2007 13:00	77.8	32.1	54.8	26.8
1/22/2007 14:00	64.7	28.8	46.1	25.4
1/22/2007 15:00	63.5	29.1	49.8	26.6
1/22/2007 16:00	63.9	29.5	52.6	27.4
1/22/2007 17:00	58.1	27.5	48.7	28.2
1/22/2007 18:00	53.8	27.0	31.1	21.6
1/22/2007 19:00	85.5	34.1	34.6	25.6
1/22/2007 20:00	51.6	28.0	22.0	22.2
1/22/2007 21:00	58.6	27.7	18.3	18.3
1/22/2007 22:00	75.0	33.2	21.2	21.2
1/22/2007 23:00	74.7	33.7	29.0	29.0
1/23/2007 0:00	54.5	26.5	14.6	14.6
1/23/2007 1:00	35.3	22.4	13.7	13.7
1/23/2007 2:00	33.4	19.5	12.1	12.1
1/23/2007 3:00	30.4	19.6	14.0	14.0
1/23/2007 4:00	32.4	22.0	17.5	17.5
1/23/2007 5:00	26.5	17.8	17.6	17.6
1/23/2007 6:00	17.9	10.2	6.4	6.4
1/23/2007 7:00	18.6	10.4	4.8	4.8
1/23/2007 8:00	21.8	11.3	6.0	6.0
1/23/2007 9:00	29.7	12.0	6.8	6.8
1/23/2007 10:00	28.2	11.9	6.1	5.6
1/23/2007 11:00	27.5	10.4	6.7	5.4
1/23/2007 12:00	28.6	12.1	5.9	4.7
1/23/2007 13:00	26.2	11.4	6.3	5.5
1/23/2007 14:00	33.2	12.6	7.1	6.2
1/23/2007 15:00	32.3	13.4	8.0	7.3
1/23/2007 16:00	43.6	19.3	10.7	9.8
1/23/2007 17:00	38.5	18.1	11.7	11.1
1/23/2007 18:00	35.8	18.0	12.9	12.9
1/23/2007 19:00	37.6	17.9	11.7	11.7
1/23/2007 20:00	38.8	19.7	13.4	13.4
1/23/2007 21:00	39.0	17.8	13.3	13.3
1/23/2007 22:00	44.9	22.0	15.0	15.0
1/23/2007 23:00	43.8	22.0	15.0	14.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
1/24/2007 0:00	48.9	27.0	44.9	24.3
1/24/2007 1:00	31.2	19.1	28.1	17.4
1/24/2007 2:00	27.5	15.5	7.1	7.1
1/24/2007 3:00	24.8	14.8	6.0	6.0
1/24/2007 4:00	37.7	19.7	8.1	8.1
1/24/2007 5:00	43.9	23.1	8.8	8.8
1/24/2007 6:00	61.1	28.5	11.7	11.7
1/24/2007 7:00	72.0	30.6	17.9	17.9
1/24/2007 8:00	73.2	34.4	32.3	29.5
1/24/2007 9:00	89.9	33.8	32.2	26.6
1/24/2007 10:00	71.6	30.5	72.8	29.0
1/24/2007 11:00	38.3	21.1	79.2	28.3
1/24/2007 12:00	16.3	12.0	72.7	22.7
1/24/2007 13:00	10.6	8.6	65.6	19.7
1/24/2007 14:00	10.6	8.4	56.9	20.7
1/24/2007 15:00	21.6	15.5	26.7	16.5
1/24/2007 16:00	21.6	16.3	14.2	11.9
1/24/2007 17:00	36.2	24.8	13.8	12.9
1/24/2007 18:00	21.9	21.0	74.3	28.4
1/24/2007 19:00	14.3	14.1	57.4	22.4
1/24/2007 20:00	20.8	20.4	69.8	30.9
1/24/2007 21:00	32.7	28.2	110.4	37.4
1/24/2007 22:00	145.5	42.4	74.1	39.8
1/24/2007 23:00	142.5	42.3	39.5	32.3
1/25/2007 0:00	124.5	42.1	31.3	30.5
1/25/2007 1:00	48.2	30.6	25.8	24.9
1/25/2007 2:00	33.2	21.0	27.1	23.0
1/25/2007 3:00	27.2	17.0	14.5	14.4
1/25/2007 4:00	25.0	14.9	20.3	16.1
1/25/2007 5:00	22.5	14.0	18.7	13.9
1/25/2007 6:00	24.9	15.7	23.8	15.7
1/25/2007 7:00	44.3	23.6	40.0	22.8
1/25/2007 8:00	62.8	32.0	51.7	29.8
1/25/2007 9:00	57.8	28.5	53.7	29.2
1/25/2007 10:00	51.7	23.2	48.3	23.2
1/25/2007 11:00	37.0	15.9	40.1	16.2
1/25/2007 12:00	32.9	15.0	30.7	13.2
1/25/2007 13:00	35.7	13.8	34.9	12.5
1/25/2007 14:00	27.2	11.4	29.0	10.4
1/25/2007 15:00	27.2	11.7	26.8	10.9
1/25/2007 16:00	30.0	14.7	35.1	15.0
1/25/2007 17:00	13.0	9.6	50.0	19.3
1/25/2007 18:00	13.9	12.4	64.6	27.6
1/25/2007 19:00	17.7	16.5	75.3	29.8
1/25/2007 20:00	23.6	21.1	77.6	32.3
1/25/2007 21:00	20.7	18.6	80.5	33.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
1/25/2007 22:00	33.3	23.1	69.7	29.7
1/25/2007 23:00	144.3	42.4	53.0	34.0
1/26/2007 0:00	154.3	41.0	41.7	32.7
1/26/2007 1:00	154.0	42.2	43.6	33.6
1/26/2007 2:00	129.3	41.5	33.4	30.0
1/26/2007 3:00	64.0	34.7	23.2	23.2
1/26/2007 4:00	43.0	24.7	15.7	15.7
1/26/2007 5:00	47.7	26.0	19.4	19.4
1/26/2007 6:00	59.7	31.2	15.7	15.7
1/26/2007 7:00	57.6	28.5	18.1	18.1
1/26/2007 8:00	50.4	26.8	10.6	10.6
1/26/2007 9:00	48.6	25.5	10.5	10.0
1/26/2007 10:00	40.9	23.2	12.3	10.6
1/26/2007 11:00	55.3	21.4	18.4	12.6
1/26/2007 12:00	49.3	20.2	20.1	13.3
1/26/2007 13:00	44.8	18.0	12.7	9.6
1/26/2007 14:00	38.4	13.6	7.6	5.6
1/26/2007 15:00	37.4	14.1	10.1	7.2
1/26/2007 16:00	41.1	17.0	9.7	7.4
1/26/2007 17:00	48.3	19.5	9.4	7.8
1/26/2007 18:00	47.2	22.3	9.6	9.5
1/26/2007 19:00	39.9	20.4	10.1	10.1
1/26/2007 20:00	24.7	15.7	10.7	10.7
1/26/2007 21:00	28.3	17.1	12.6	12.6
1/26/2007 22:00	47.4	25.3	14.0	14.0
1/26/2007 23:00	24.2	14.4	15.2	15.2
1/27/2007 0:00	21.2	13.2	19.7	19.7
1/27/2007 1:00	15.8	11.4	19.5	19.5
1/27/2007 2:00	14.8	10.9	13.2	13.2
1/27/2007 3:00	15.1	12.0	9.1	9.1
1/27/2007 4:00	17.5	13.5	10.7	10.7
1/27/2007 5:00	21.5	15.4	10.4	10.4
1/27/2007 6:00	22.5	15.6	8.8	8.8
1/27/2007 7:00	19.1	13.6	8.1	8.1
1/27/2007 8:00	16.9	12.0	7.6	7.6
1/27/2007 9:00	29.6	18.7	15.2	13.2
1/27/2007 10:00	43.8	24.8	35.8	24.5
1/27/2007 11:00	42.0	22.4	36.4	21.4
1/27/2007 12:00	35.8	18.7	17.8	14.3
1/27/2007 13:00	27.3	15.9	23.8	17.5
1/27/2007 14:00	31.1	16.9	9.3	8.3
1/27/2007 15:00	26.8	13.6	8.0	6.9
1/27/2007 16:00	29.8	15.0	8.4	7.5
1/27/2007 17:00	26.5	14.5	7.9	7.8
1/27/2007 18:00	30.5	17.9	11.1	11.1
1/27/2007 19:00	41.2	23.1	13.8	13.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
1/27/2007 20:00	55.1	26.9	12.6	12.6
1/27/2007 21:00	24.1	16.3	8.5	8.5
1/27/2007 22:00	28.9	19.4	16.6	16.6
1/27/2007 23:00	19.8	14.6	18.4	16.2
1/28/2007 0:00	14.3	10.7	11.3	8.5
1/28/2007 1:00	9.5	7.5	10.3	8.7
1/28/2007 2:00	13.0	9.9	14.0	10.9
1/28/2007 3:00	11.6	9.4	11.1	10.0
1/28/2007 4:00	14.6	11.7	15.7	13.1
1/28/2007 5:00	21.8	14.3	12.1	11.4
1/28/2007 6:00	29.8	19.8	15.1	15.1
1/28/2007 7:00	27.1	21.1	15.7	15.7
1/28/2007 8:00	28.4	19.8	28.1	22.3
1/28/2007 9:00	36.0	20.0	23.9	17.1
1/28/2007 10:00	36.0	19.2	36.9	19.2
1/28/2007 11:00	46.5	20.7	30.6	16.7
1/28/2007 12:00	46.5	21.6	38.6	19.5
1/28/2007 13:00	29.5	15.7	33.6	17.7
1/28/2007 14:00	30.2	15.4	23.3	12.4
1/28/2007 15:00	20.8	11.6	22.8	11.2
1/28/2007 16:00	31.1	16.9	29.4	13.8
1/28/2007 17:00	32.0	19.2	35.2	19.4
1/28/2007 18:00	11.5	9.8	22.6	11.8
1/28/2007 19:00	11.6	10.9	25.4	14.3
1/28/2007 20:00	15.2	12.4	23.0	12.4
1/28/2007 21:00	18.9	13.7	24.5	13.9
1/28/2007 22:00	30.6	21.4	23.4	13.9
1/28/2007 23:00	51.0	29.0	37.0	23.2
1/29/2007 0:00	48.8	28.6	46.1	29.7
1/29/2007 1:00	55.8	30.5	45.4	30.6
1/29/2007 2:00	46.0	27.3	43.0	28.9
1/29/2007 3:00	56.0	30.3	22.2	22.2
1/29/2007 4:00	93.1	33.5	23.0	22.8
1/29/2007 5:00	50.9	29.9	48.3	26.7
1/29/2007 6:00	43.2	21.9	20.7	20.7
1/29/2007 7:00	59.4	25.9	18.1	18.3
1/29/2007 8:00	61.4	32.5	34.1	28.9
1/29/2007 9:00	65.5	27.5	20.4	17.0
1/29/2007 10:00	66.1	24.1	27.3	16.0
1/29/2007 11:00	53.5	19.2	30.2	13.4
1/29/2007 12:00	43.8	16.7	24.9	12.3
1/29/2007 13:00	35.0	13.1	14.1	8.0
1/29/2007 14:00	36.4	12.9	13.4	8.3
1/29/2007 15:00	31.1	11.6	9.6	6.2
1/29/2007 16:00	31.3	11.9	12.5	8.7
1/29/2007 17:00	45.5	19.3	13.5	11.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
1/29/2007 18:00	34.1	14.6	11.0	10.8
1/29/2007 19:00	47.7	21.1	12.5	12.5
1/29/2007 20:00	42.3	19.4	9.1	9.1
1/29/2007 21:00	50.9	24.5	22.4	22.4
1/29/2007 22:00	57.9	24.9	9.4	9.4
1/29/2007 23:00	48.6	22.0	17.7	17.7
1/30/2007 0:00	39.8	19.3	15.7	15.7
1/30/2007 1:00	32.9	20.1	13.6	13.6
1/30/2007 2:00	45.2	21.5	14.4	14.4
1/30/2007 3:00	36.2	20.6	18.4	18.4
1/30/2007 4:00	34.2	20.5	19.1	19.1
1/30/2007 5:00	51.4	24.3	18.3	18.4
1/30/2007 6:00	58.2	25.3	18.6	18.6
1/30/2007 7:00	64.2	26.4	18.9	18.4
1/30/2007 8:00	76.0	28.5	20.7	19.4
1/30/2007 9:00	87.3	27.6	24.4	18.4
1/30/2007 10:00	91.9	29.4	26.8	15.8
1/30/2007 11:00	69.0	24.0	43.4	20.5
1/30/2007 12:00	78.8	25.5	30.0	16.0
1/30/2007 13:00	74.1	26.0	48.7	20.3
1/30/2007 14:00	59.2	23.8	50.0	23.5
1/30/2007 15:00	48.9	22.3	32.2	18.0
1/30/2007 16:00	37.4	17.3	28.6	17.5
1/30/2007 17:00	43.8	20.4	26.1	16.1
1/30/2007 18:00	54.0	27.2	33.3	22.1
1/30/2007 19:00	56.9	27.5	33.4	22.7
1/30/2007 20:00	60.1	26.4	15.2	15.2
1/30/2007 21:00	47.4	24.5	14.1	14.1
1/30/2007 22:00	37.0	17.9	12.2	12.2
1/30/2007 23:00	37.3	20.6	17.9	17.9
1/31/2007 0:00	39.0	22.1	21.8	21.6
1/31/2007 1:00	33.6	22.2	18.3	18.3
1/31/2007 2:00	35.0	21.1	18.5	18.5
1/31/2007 3:00	36.3	20.3	16.3	16.3
1/31/2007 4:00	36.9	21.8	18.9	18.9
1/31/2007 5:00	36.6	20.0	24.5	22.9
1/31/2007 6:00	35.5	20.2	21.2	20.9
1/31/2007 7:00	56.5	26.0	22.7	22.2
1/31/2007 8:00	55.1	26.9	25.6	23.9
1/31/2007 9:00	54.2	22.8	22.9	17.1
1/31/2007 10:00	48.9	17.0	22.1	12.2
1/31/2007 11:00	48.4	17.3	20.6	11.1
1/31/2007 12:00	46.7	14.7	19.9	9.9
1/31/2007 13:00	39.5	12.4	20.0	9.7
1/31/2007 14:00	43.6	15.7	19.9	10.1
1/31/2007 15:00	41.9	14.5	19.0	10.5

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
1/31/2007 16:00	46.6	16.7	19.6	12.0
1/31/2007 17:00	41.2	19.7	19.3	14.1
1/31/2007 18:00	43.3	20.4	17.5	16.0
1/31/2007 19:00	45.2	22.9	20.6	20.6
1/31/2007 20:00	37.7	17.3	17.7	17.7
1/31/2007 21:00	44.5	23.5	17.1	17.1
1/31/2007 22:00	36.8	20.0	14.5	14.5
1/31/2007 23:00	43.1	24.5	12.9	12.9
2/1/2007 0:00	50.1	28.4	18.1	18.1
2/1/2007 1:00	32.8	21.0	26.5	26.2
2/1/2007 2:00	34.3	23.3	11.0	11.0
2/1/2007 3:00	26.1	16.8	9.6	9.6
2/1/2007 4:00	33.1	21.0	12.4	12.4
2/1/2007 5:00	33.5	20.5	12.7	12.7
2/1/2007 6:00	36.0	19.7	14.3	14.3
2/1/2007 7:00	33.5	20.1	17.3	17.4
2/1/2007 8:00	35.5	19.1	18.6	18.3
2/1/2007 9:00	50.1	21.3	21.6	16.8
2/1/2007 10:00	49.4	17.4	18.8	12.3
2/1/2007 11:00	46.6	15.6	19.2	10.4
2/1/2007 12:00	40.9	14.4	18.3	10.3
2/1/2007 13:00	34.0	11.7	16.5	9.8
2/1/2007 14:00	32.8	10.6	14.3	8.2
2/1/2007 15:00	30.2	10.5	16.5	10.1
2/1/2007 16:00	32.9	13.2	12.3	9.3
2/1/2007 17:00	35.7	14.6	10.7	9.4
2/1/2007 18:00	39.7	17.3	14.2	13.4
2/1/2007 19:00	44.0	19.9	11.1	11.1
2/1/2007 20:00	46.9	21.1	11.3	11.3
2/1/2007 21:00	45.6	22.2	13.3	13.3
2/1/2007 22:00	46.2	20.8	14.6	14.6
2/1/2007 23:00	46.6	20.8	14.0	14.0
2/2/2007 0:00	38.0	19.0	14.6	14.6
2/2/2007 1:00	53.0	27.0	19.3	19.3
2/2/2007 2:00	50.5	26.6	16.2	16.2
2/2/2007 3:00	65.0	28.8	22.6	22.5
2/2/2007 4:00	60.1	27.7	18.3	18.2
2/2/2007 5:00	52.4	26.5	14.5	14.5
2/2/2007 6:00	38.7	22.0	11.7	11.7
2/2/2007 7:00	39.2	18.0	11.1	11.1
2/2/2007 8:00	44.5	20.3	15.2	14.9
2/2/2007 9:00	39.2	17.2	15.7	13.4
2/2/2007 10:00	36.0	14.8	15.8	10.6
2/2/2007 11:00	26.9	10.7	12.1	7.6
2/2/2007 12:00	25.5	10.4	7.4	5.3
2/2/2007 13:00	22.0	10.2	7.7	5.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
2/2/2007 14:00	23.6	9.9	8.5	5.9
2/2/2007 15:00	25.0	10.2	8.9	6.4
2/2/2007 16:00	23.9	11.6	9.0	7.0
2/2/2007 17:00	27.1	14.0	14.8	12.1
2/2/2007 18:00	26.0	14.2	9.7	9.3
2/2/2007 19:00	27.1	13.9	8.2	8.2
2/2/2007 20:00	23.3	12.5	8.7	8.7
2/2/2007 21:00	27.4	14.3	10.4	10.4
2/2/2007 22:00	27.8	15.7	12.2	12.2
2/2/2007 23:00	27.2	16.0	13.4	13.4
2/3/2007 0:00	23.7	14.9	10.6	10.6
2/3/2007 1:00	17.8	12.1	9.5	9.5
2/3/2007 2:00	18.4	11.9	8.6	8.6
2/3/2007 3:00	17.5	11.5	7.6	7.6
2/3/2007 4:00	14.7	9.8	6.6	6.6
2/3/2007 5:00	10.1	7.4	6.3	6.3
2/3/2007 6:00	12.2	8.0	6.2	6.2
2/3/2007 7:00	12.4	7.5	13.7	13.7
2/3/2007 8:00	28.4	14.8	12.6	12.6
2/3/2007 9:00	24.9	12.4	14.2	9.9
2/3/2007 10:00	26.9	11.0	13.8	8.4
2/3/2007 11:00	24.6	10.5	18.7	9.3
2/3/2007 12:00	27.5	11.2	16.5	8.7
2/3/2007 13:00	17.4	6.8	9.3	5.6
2/3/2007 14:00	14.2	6.7	6.3	4.5
2/3/2007 15:00	14.3	6.3	5.1	3.8
2/3/2007 16:00	10.9	4.2	4.2	3.6
2/3/2007 17:00	10.2	5.5	3.5	3.3
2/3/2007 18:00	11.4	6.6	4.9	4.9
2/3/2007 19:00	11.2	6.4	5.3	5.3
2/3/2007 20:00	11.3	6.8	5.1	5.1
2/3/2007 21:00	12.1	5.6	4.8	4.8
2/3/2007 22:00	11.2	6.1	5.8	5.8
2/3/2007 23:00	10.8	6.3	7.1	7.1
2/4/2007 0:00	11.0	7.1	7.8	7.8
2/4/2007 1:00	9.3	6.5	7.0	7.0
2/4/2007 2:00	8.7	6.8	5.8	5.8
2/4/2007 3:00	11.6	9.3	6.1	6.1
2/4/2007 4:00	12.2	10.2	7.0	7.0
2/4/2007 5:00	10.2	8.3	6.9	6.9
2/4/2007 6:00	7.6	5.1	8.0	8.0
2/4/2007 7:00	8.2	5.6	10.1	10.1
2/4/2007 8:00	9.1	6.0	10.1	10.1
2/4/2007 9:00	14.5	7.5	6.3	5.5
2/4/2007 10:00	13.9	5.6	7.9	5.1
2/4/2007 11:00	15.8	6.6	7.5	4.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
2/4/2007 12:00	16.8	5.4	6.8	3.9
2/4/2007 13:00	13.4	4.5	5.4	3.3
2/4/2007 14:00	13.6	4.3	5.9	3.6
2/4/2007 15:00	17.4	6.8	5.1	3.5
2/4/2007 16:00	15.6	5.9	4.2	3.3
2/4/2007 17:00	18.1	7.5	4.5	3.9
2/4/2007 18:00	21.3	9.6	4.9	4.9
2/4/2007 19:00	22.5	10.9	6.1	6.1
2/4/2007 20:00	22.6	12.2	6.3	6.3
2/4/2007 21:00	31.0	19.5	12.1	11.5
2/4/2007 22:00	26.1	16.6	18.4	16.6
2/4/2007 23:00	35.3	20.8	19.7	18.1
2/5/2007 0:00	30.8	18.4	7.2	7.2
2/5/2007 1:00	23.8	15.9	8.1	8.1
2/5/2007 2:00	20.7	13.6	8.3	8.3
2/5/2007 3:00	20.9	13.9	8.9	8.9
2/5/2007 4:00	16.0	9.9	9.9	9.9
2/5/2007 5:00	20.4	12.0	10.6	10.6
2/5/2007 6:00	24.7	14.3	10.9	10.9
2/5/2007 7:00	28.3	15.1	12.2	12.2
2/5/2007 8:00	30.8	15.8	11.2	11.2
2/5/2007 9:00	33.0	12.6	11.1	9.1
2/5/2007 10:00	26.5	9.9	10.3	6.5
2/5/2007 11:00	25.2	8.9	10.3	5.7
2/5/2007 12:00	27.9	8.3	11.6	5.9
2/5/2007 13:00	24.2	8.2	8.7	4.6
2/5/2007 14:00	20.2	6.8	4.8	3.1
2/5/2007 15:00	22.7	7.5	4.6	3.1
2/5/2007 16:00	22.9	9.1	6.6	4.5
2/5/2007 17:00	28.8	11.2	8.8	6.8
2/5/2007 18:00	38.3	16.1	8.4	8.0
2/5/2007 19:00	36.2	17.0	8.4	8.4
2/5/2007 20:00	32.4	14.7	10.5	10.5
2/5/2007 21:00	38.8	19.9	16.2	16.2
2/5/2007 22:00	39.9	21.2	20.4	20.4
2/5/2007 23:00	36.2	20.3	18.1	18.1
2/6/2007 0:00	32.7	19.6	19.0	19.0
2/6/2007 1:00	35.8	23.0	19.5	19.5
2/6/2007 2:00	34.5	23.0	24.7	24.4
2/6/2007 3:00	43.0	24.9	24.7	24.5
2/6/2007 4:00	36.4	22.9	22.6	22.5
2/6/2007 5:00	38.0	22.1	23.7	23.2
2/6/2007 6:00	34.3	18.7	19.1	19.1
2/6/2007 7:00	36.0	18.4	19.9	19.8
2/6/2007 8:00	46.5	21.8	25.0	22.7
2/6/2007 9:00	55.7	19.7	24.8	17.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
2/6/2007 10:00	53.2	17.5	26.6	13.5
2/6/2007 11:00	46.8	15.1	22.3	10.7
2/6/2007 12:00	44.7	14.0	18.2	9.1
2/6/2007 13:00	42.9	13.4	16.5	8.9
2/6/2007 14:00	41.2	14.8	16.7	9.3
2/6/2007 15:00	43.9	14.5	13.5	8.7
2/6/2007 16:00	41.1	15.6	12.1	8.6
2/6/2007 17:00	43.1	16.0	11.7	9.0
2/6/2007 18:00	37.5	17.9	11.0	10.4
2/6/2007 19:00	48.3	22.5	12.3	12.3
2/6/2007 20:00	48.8	23.2	14.1	14.1
2/6/2007 21:00	42.4	22.2	13.2	13.2
2/6/2007 22:00	46.1	21.7	18.7	18.7
2/6/2007 23:00	55.7	25.9	16.9	16.9
2/7/2007 0:00	59.1	31.4	22.7	22.7
2/7/2007 1:00	45.9	26.6	24.8	25.0
2/7/2007 2:00	36.6	23.9	23.3	22.1
2/7/2007 3:00	35.6	22.3	31.5	22.2
2/7/2007 4:00	49.0	27.6	40.4	26.2
2/7/2007 5:00	56.8	31.0	42.8	29.6
2/7/2007 6:00	79.7	34.8	29.7	28.2
2/7/2007 7:00	75.6	33.0	33.9	30.4
2/7/2007 8:00	72.0	33.5	36.1	28.8
2/7/2007 9:00	65.9	26.4	33.1	21.0
2/7/2007 10:00	70.0	23.0	31.2	16.1
2/7/2007 11:00	46.8	15.6	24.6	12.4
2/7/2007 12:00	37.2	12.4	13.2	7.5
2/7/2007 13:00	33.0	11.7	8.1	5.2
2/7/2007 14:00	outlier removed	outlier removed	8.3	5.3
2/7/2007 15:00	31.2	12.2	outlier removed	outlier removed
2/7/2007 16:00	34.6	14.9	10.9	7.5
2/7/2007 17:00	39.4	17.7	10.6	8.3
2/7/2007 18:00	44.0	20.0	8.0	7.6
2/7/2007 19:00	37.1	18.6	10.3	10.3
2/7/2007 20:00	39.2	19.5	10.2	10.2
2/7/2007 21:00	38.6	19.9	11.5	11.5
2/7/2007 22:00	46.4	23.2	11.4	11.4
2/7/2007 23:00	45.1	25.7	16.0	16.0
2/8/2007 0:00	41.7	24.7	20.2	20.2
2/8/2007 1:00	45.4	32.8	28.5	28.6
2/8/2007 2:00	54.9	35.3	36.6	34.3
2/8/2007 3:00	37.2	28.7	30.3	29.8
2/8/2007 4:00	43.3	28.3	30.8	29.6
2/8/2007 5:00	37.5	23.9	23.3	23.0
2/8/2007 6:00	46.1	28.2	21.3	21.3
2/8/2007 7:00	73.5	32.4	27.3	26.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
2/8/2007 8:00	44.2	26.4	28.7	26.2
2/8/2007 9:00	63.0	28.5	23.0	18.2
2/8/2007 10:00	62.3	26.2	34.4	17.8
2/8/2007 11:00	57.6	23.1	22.9	12.0
2/8/2007 12:00	33.0	13.9	11.8	6.8
2/8/2007 13:00	29.8	10.3	8.3	4.9
2/8/2007 14:00	30.2	11.3	7.0	4.4
2/8/2007 15:00	28.3	11.3	6.5	4.5
2/8/2007 16:00	33.0	15.3	15.0	9.5
2/8/2007 17:00	39.0	20.3	17.8	12.7
2/8/2007 18:00	42.5	21.4	18.0	15.9
2/8/2007 19:00	40.1	23.2	16.5	16.5
2/8/2007 20:00	38.1	22.4	17.8	17.8
2/8/2007 21:00	40.3	23.1	19.0	19.0
2/8/2007 22:00	56.9	33.2	24.0	24.1
2/8/2007 23:00	65.1	39.4	35.3	34.8
2/9/2007 0:00	54.5	34.9	35.0	33.4
2/9/2007 1:00	50.4	36.8	34.9	32.8
2/9/2007 2:00	48.1	31.7	29.1	28.6
2/9/2007 3:00	51.8	30.9	25.6	25.5
2/9/2007 4:00	53.5	30.5	25.1	25.0
2/9/2007 5:00	70.8	36.6	32.0	30.2
2/9/2007 6:00	76.2	37.9	37.1	33.8
2/9/2007 7:00	103.8	40.5	44.7	34.2
2/9/2007 8:00	113.7	39.2	44.6	32.9
2/9/2007 9:00	131.7	37.8	57.1	29.6
2/9/2007 10:00	103.5	35.2	62.7	27.5
2/9/2007 11:00	53.2	22.8	41.0	18.2
2/9/2007 12:00	52.8	20.5	39.6	17.2
2/9/2007 13:00	40.7	17.8	34.4	14.8
2/9/2007 14:00	46.5	18.9	23.8	12.7
2/9/2007 15:00	43.4	18.7	15.9	9.9
2/9/2007 16:00	32.1	15.6	12.3	8.9
2/9/2007 17:00	38.0	18.5	12.8	10.5
2/9/2007 18:00	35.3	17.0	9.4	8.8
2/9/2007 19:00	32.6	16.6	9.0	9.0
2/9/2007 20:00	46.8	25.0	12.0	12.0
2/9/2007 21:00	43.2	23.5	12.4	12.4
2/9/2007 22:00	40.6	23.5	15.2	15.2
2/9/2007 23:00	32.0	18.4	15.1	15.1
2/10/2007 0:00	20.4	11.7	7.9	7.9
2/10/2007 1:00	18.6	13.8	8.0	8.0
2/10/2007 2:00	21.2	15.0	9.1	9.1
2/10/2007 3:00	12.8	9.8	7.2	7.2
2/10/2007 4:00	15.0	11.1	7.2	7.2
2/10/2007 5:00	19.8	14.9	17.6	17.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
2/10/2007 6:00	28.4	22.1	22.4	22.4
2/10/2007 7:00	40.9	25.3	22.2	21.8
2/10/2007 8:00	46.9	27.1	25.0	23.5
2/10/2007 9:00	43.0	22.7	28.7	19.6
2/10/2007 10:00	43.5	19.4	24.9	14.7
2/10/2007 11:00	21.8	10.5	16.7	9.1
2/10/2007 12:00	23.7	11.0	12.6	6.8
2/10/2007 13:00	24.7	12.0	19.7	10.3
2/10/2007 14:00	26.0	11.6	9.1	5.6
2/10/2007 15:00	19.9	9.7	6.1	4.3
2/10/2007 16:00	19.3	8.6	5.9	4.4
2/10/2007 17:00	21.5	10.0	6.1	5.1
2/10/2007 18:00	22.1	11.9	5.4	5.3
2/10/2007 19:00	29.7	17.4	6.6	6.6
2/10/2007 20:00	34.5	19.8	10.4	10.4
2/10/2007 21:00	29.3	16.8	11.9	11.9
2/10/2007 22:00	30.7	20.0	13.5	13.5
2/10/2007 23:00	28.2	19.9	13.4	13.4
2/11/2007 0:00	24.5	18.3	14.1	14.1
2/11/2007 1:00	26.2	20.0	14.4	14.4
2/11/2007 2:00	22.9	19.0	17.1	17.1
2/11/2007 3:00	24.0	20.3	15.6	15.6
2/11/2007 4:00	19.9	17.1	13.6	13.7
2/11/2007 5:00	16.4	15.1	11.7	11.7
2/11/2007 6:00	16.8	14.3	11.8	11.8
2/11/2007 7:00	17.2	12.6	9.8	9.8
2/11/2007 8:00	15.7	11.8	13.9	13.8
2/11/2007 9:00	26.5	14.5	10.5	9.1
2/11/2007 10:00	19.8	10.4	10.3	7.7
2/11/2007 11:00	26.9	13.7	11.2	7.5
2/11/2007 12:00	19.1	9.4	12.4	8.0
2/11/2007 13:00	24.3	11.6	9.6	6.8
2/11/2007 14:00	20.6	9.8	9.7	7.1
2/11/2007 15:00	21.7	10.6	10.8	7.7
2/11/2007 16:00	23.3	11.5	8.6	6.9
2/11/2007 17:00	21.3	11.2	5.1	4.8
2/11/2007 18:00	23.7	13.4	6.7	6.7
2/11/2007 19:00	27.4	15.2	8.1	8.1
2/11/2007 20:00	28.1	16.1	7.6	7.6
2/11/2007 21:00	27.7	15.3	7.6	7.6
2/11/2007 22:00	29.2	18.0	8.5	8.5
2/11/2007 23:00	30.3	19.2	9.9	9.9
2/12/2007 0:00	28.2	19.0	10.5	10.5
2/12/2007 1:00	25.8	20.1	11.7	11.7
2/12/2007 2:00	24.9	15.2	12.8	12.8
2/12/2007 3:00	25.7	18.0	10.8	10.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
2/12/2007 4:00	28.8	20.1	14.1	14.1
2/12/2007 5:00	27.1	16.0	13.1	13.1
2/12/2007 6:00	37.0	20.8	15.2	15.2
2/12/2007 7:00	62.3	29.1	17.0	16.8
2/12/2007 8:00	78.0	32.5	18.2	17.5
2/12/2007 9:00	74.0	30.7	21.5	17.9
2/12/2007 10:00	70.9	28.0	20.2	14.4
2/12/2007 11:00	72.5	28.5	24.0	15.2
2/12/2007 12:00	63.7	26.7	33.0	17.0
2/12/2007 13:00	61.3	29.3	101.2	30.1
2/12/2007 14:00	35.4	24.3	82.7	32.6
2/12/2007 15:00	21.3	17.4	79.9	28.3
2/12/2007 16:00	17.8	15.4	72.7	24.4
2/12/2007 17:00	14.0	13.1	71.2	25.5
2/12/2007 18:00	15.4	15.2	74.0	27.8
2/12/2007 19:00	12.7	12.7	57.6	22.5
2/12/2007 20:00	13.2	13.2	48.0	18.2
2/12/2007 21:00	15.3	15.3	41.1	19.1
2/12/2007 22:00	13.2	13.2	38.4	15.9
2/12/2007 23:00	5.2	5.2	25.5	11.6
2/13/2007 0:00	5.1	5.1	23.6	8.9
2/13/2007 1:00	4.6	4.6	14.1	5.7
2/13/2007 2:00	5.1	5.1	14.4	7.1
2/13/2007 3:00	3.5	3.5	13.7	5.2
2/13/2007 4:00	3.4	3.4	10.8	3.7
2/13/2007 5:00	4.2	4.2	10.2	4.0
2/13/2007 6:00	5.3	5.3	17.9	7.8
2/13/2007 7:00	7.9	7.9	23.9	9.2
2/13/2007 8:00	8.9	8.9	33.6	11.4
2/13/2007 9:00	9.2	8.5	37.0	14.9
2/13/2007 10:00	9.1	7.4	39.2	13.5
2/13/2007 11:00	8.5	6.2	30.3	9.9
2/13/2007 12:00	10.3	7.3	42.1	10.7
2/13/2007 13:00	11.1	7.8	39.3	13.0
2/13/2007 14:00	7.6	5.7	37.2	11.3
2/13/2007 15:00	10.7	8.5	43.0	14.8
2/13/2007 16:00	17.4	13.7	42.9	13.7
2/13/2007 17:00	21.9	18.2	48.4	20.9
2/13/2007 18:00	21.1	19.5	51.3	28.0
2/13/2007 19:00	18.3	18.0	41.5	24.8
2/13/2007 20:00	16.7	16.6	34.2	21.2
2/13/2007 21:00	15.4	15.4	33.3	17.2
2/13/2007 22:00	13.0	13.0	26.1	15.9
2/13/2007 23:00	11.5	11.5	22.8	12.7
2/14/2007 0:00	10.6	10.6	17.6	11.2
2/14/2007 1:00	9.0	8.8	14.7	8.4

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
2/14/2007 2:00	7.9	7.9	13.9	8.6
2/14/2007 3:00	6.8	6.6	12.9	7.9
2/14/2007 4:00	6.5	6.5	11.0	7.4
2/14/2007 5:00	6.9	6.9	13.2	8.7
2/14/2007 6:00	8.1	7.8	14.0	9.3
2/14/2007 7:00	9.2	8.4	23.2	13.6
2/14/2007 8:00	10.6	9.8	25.0	14.0
2/14/2007 9:00	13.1	11.0	33.9	17.0
2/14/2007 10:00	18.7	13.0	30.5	15.0
2/14/2007 11:00	12.0	7.5	26.4	11.0
2/14/2007 12:00	18.7	9.1	30.5	10.2
2/14/2007 13:00	10.9	5.8	32.5	11.1
2/14/2007 14:00	15.9	7.8	34.8	11.0
2/14/2007 15:00	26.5	11.8	31.4	10.7
2/14/2007 16:00	22.2	11.4	31.9	11.5
2/14/2007 17:00	30.8	16.1	37.8	14.6
2/14/2007 18:00	51.9	24.8	42.6	23.0
2/14/2007 19:00	37.2	29.6	68.6	29.0
2/14/2007 20:00	136.3	44.3	124.9	45.3
2/14/2007 21:00	144.1	46.5	125.8	41.9
2/14/2007 22:00	114.9	44.2	129.2	48.6
2/14/2007 23:00	135.5	47.5	126.5	45.7
2/15/2007 0:00	91.2	42.8	88.6	39.4
2/15/2007 1:00	46.8	27.8	44.4	27.6
2/15/2007 2:00	51.7	28.4	44.7	24.6
2/15/2007 3:00	46.6	27.3	47.4	28.5
2/15/2007 4:00	53.8	29.5	47.9	27.8
2/15/2007 5:00	61.3	35.3	32.4	28.5
2/15/2007 6:00	104.8	40.6	64.2	36.7
2/15/2007 7:00	122.0	43.8	54.6	39.4
2/15/2007 8:00	122.1	43.0	55.0	36.5
2/15/2007 9:00	89.7	33.4	45.6	25.9
2/15/2007 10:00	76.1	27.5	47.2	21.0
2/15/2007 11:00	60.6	22.4	26.4	12.2
2/15/2007 12:00	56.8	20.2	18.2	8.3
2/15/2007 13:00	38.0	12.9	7.2	4.0
2/15/2007 14:00	42.5	16.0	16.6	8.6
2/15/2007 15:00	35.6	13.6	24.5	11.3
2/15/2007 16:00	34.1	14.0	6.4	4.9
2/15/2007 17:00	35.9	16.1	5.9	4.8
2/15/2007 18:00	35.0	14.9	6.3	6.0
2/15/2007 19:00	49.0	21.6	9.5	9.5
2/15/2007 20:00	42.0	19.8	9.9	9.9
2/15/2007 21:00	43.1	21.9	12.6	12.7
2/15/2007 22:00	37.1	20.0	13.0	12.2
2/15/2007 23:00	37.7	19.2	27.4	20.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
2/16/2007 0:00	43.4	25.7	17.8	17.3
2/16/2007 1:00	38.5	22.2	11.9	11.9
2/16/2007 2:00	40.7	23.1	12.9	12.9
2/16/2007 3:00	35.3	20.4	11.3	11.3
2/16/2007 4:00	28.1	16.6	11.4	11.4
2/16/2007 5:00	33.7	20.1	15.4	15.3
2/16/2007 6:00	51.2	30.3	25.5	25.0
2/16/2007 7:00	67.2	33.6	29.8	28.8
2/16/2007 8:00	69.7	31.0	28.8	26.1
2/16/2007 9:00	63.8	24.8	28.5	18.1
2/16/2007 10:00	58.0	20.3	27.6	13.7
2/16/2007 11:00	48.4	16.8	24.4	11.2
2/16/2007 12:00	49.5	16.9	24.4	10.8
2/16/2007 13:00	40.8	16.2	22.2	10.3
2/16/2007 14:00	49.7	17.6	23.3	10.9
2/16/2007 15:00	43.5	17.9	23.6	11.8
2/16/2007 16:00	40.8	18.2	22.9	12.6
2/16/2007 17:00	36.8	17.3	18.0	12.0
2/16/2007 18:00	36.1	18.3	20.8	17.5
2/16/2007 19:00	32.2	19.6	23.6	23.1
2/16/2007 20:00	40.8	23.7	16.9	16.9
2/16/2007 21:00	34.2	20.7	17.5	17.5
2/16/2007 22:00	39.4	21.5	15.8	15.8
2/16/2007 23:00	40.7	23.3	19.8	19.8
2/17/2007 0:00	40.4	22.8	18.9	19.0
2/17/2007 1:00	32.3	20.8	16.9	17.0
2/17/2007 2:00	31.3	20.3	14.3	14.2
2/17/2007 3:00	52.6	32.1	21.7	20.9
2/17/2007 4:00	47.4	33.9	25.7	24.6
2/17/2007 5:00	58.1	34.1	24.5	23.9
2/17/2007 6:00	44.7	32.0	23.3	22.8
2/17/2007 7:00	87.0	33.9	26.6	24.6
2/17/2007 8:00	78.7	32.9	29.3	25.7
2/17/2007 9:00	64.4	27.1	28.8	19.1
2/17/2007 10:00	58.0	23.6	29.9	17.1
2/17/2007 11:00	51.1	20.8	29.7	15.6
2/17/2007 12:00	45.5	18.6	26.6	13.3
2/17/2007 13:00	55.4	22.8	26.4	14.7
2/17/2007 14:00	49.8	21.7	28.6	15.5
2/17/2007 15:00	46.8	21.1	28.1	15.6
2/17/2007 16:00	52.1	28.4	27.5	18.7
2/17/2007 17:00	47.8	25.8	19.4	15.8
2/17/2007 18:00	54.9	31.5	27.1	21.7
2/17/2007 19:00	39.2	26.4	33.4	24.2
2/17/2007 20:00	41.8	27.0	31.5	24.4
2/17/2007 21:00	46.9	31.1	17.8	17.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
2/17/2007 22:00	44.9	32.7	18.6	18.6
2/17/2007 23:00	28.2	22.6	24.4	22.4
2/18/2007 0:00	22.8	17.3	18.7	15.5
2/18/2007 1:00	21.7	17.0	17.5	15.1
2/18/2007 2:00	26.4	20.2	20.5	18.9
2/18/2007 3:00	21.3	17.1	19.3	17.1
2/18/2007 4:00	17.5	15.3	14.2	13.7
2/18/2007 5:00	22.0	18.4	14.9	14.1
2/18/2007 6:00	18.8	16.0	16.0	14.8
2/18/2007 7:00	31.2	21.3	21.3	17.7
2/18/2007 8:00	45.1	27.4	29.4	22.3
2/18/2007 9:00	30.4	18.4	24.8	16.5
2/18/2007 10:00	23.7	13.0	17.4	9.3
2/18/2007 11:00	16.0	8.7	15.1	7.6
2/18/2007 12:00	17.6	8.2	13.4	6.9
2/18/2007 13:00	14.7	8.1	12.3	5.6
2/18/2007 14:00	13.0	8.1	15.8	8.1
2/18/2007 15:00	18.9	9.9	13.7	7.1
2/18/2007 16:00	18.3	9.8	16.0	7.8
2/18/2007 17:00	19.9	11.5	17.4	9.2
2/18/2007 18:00	16.2	10.8	24.6	13.0
2/18/2007 19:00	51.9	27.2	20.8	16.5
2/18/2007 20:00	98.1	41.7	23.3	21.9
2/18/2007 21:00	118.4	47.8	111.7	41.3
2/18/2007 22:00	195.8	50.2	70.4	36.1
2/18/2007 23:00	211.4	51.5	44.0	35.2
2/19/2007 0:00	115.0	44.3	34.4	32.2
2/19/2007 1:00	137.0	44.6	38.4	34.6
2/19/2007 2:00	74.2	42.6	40.3	35.7
2/19/2007 3:00	56.0	39.2	36.5	35.3
2/19/2007 4:00	64.3	38.6	25.9	25.7
2/19/2007 5:00	47.7	30.9	21.7	21.7
2/19/2007 6:00	51.1	30.1	15.4	15.5
2/19/2007 7:00	55.4	32.3	21.9	21.7
2/19/2007 8:00	42.5	29.1	19.3	18.9
2/19/2007 9:00	48.1	24.6	9.6	8.5
2/19/2007 10:00	38.0	17.3	7.3	5.5
2/19/2007 11:00	28.9	13.3	8.0	5.5
2/19/2007 12:00	37.9	15.8	9.6	6.1
2/19/2007 13:00	33.9	15.7	11.8	7.2
2/19/2007 14:00	37.4	17.0	14.6	9.0
2/19/2007 15:00	38.2	18.8	14.8	9.9
2/19/2007 16:00	43.8	20.1	14.7	11.1
2/19/2007 17:00	44.9	24.2	14.3	12.1
2/19/2007 18:00	46.4	25.9	16.4	15.4
2/19/2007 19:00	37.2	25.0	18.1	18.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
2/19/2007 20:00	37.1	23.3	14.9	14.9
2/19/2007 21:00	32.8	19.7	12.2	12.2
2/19/2007 22:00	20.5	12.6	12.3	12.3
2/19/2007 23:00	24.5	14.1	9.3	9.3
2/20/2007 0:00	20.8	14.0	6.9	6.9
2/20/2007 1:00	18.2	12.8	7.5	7.5
2/20/2007 2:00	21.0	14.6	8.2	8.2
2/20/2007 3:00	19.3	14.0	8.5	8.5
2/20/2007 4:00	22.2	15.6	8.6	8.6
2/20/2007 5:00	32.7	21.2	10.2	10.2
2/20/2007 6:00	41.5	25.8	11.2	11.2
2/20/2007 7:00	48.7	26.3	11.7	11.7
2/20/2007 8:00	67.8	35.0	17.6	17.2
2/20/2007 9:00	76.4	35.8	23.0	18.8
2/20/2007 10:00	79.7	32.1	25.0	18.1
2/20/2007 11:00	57.2	25.0	26.0	16.0
2/20/2007 12:00	49.7	22.9	16.7	12.1
2/20/2007 13:00	47.3	23.1	16.1	11.9
2/20/2007 14:00	67.7	31.8	27.7	19.8
2/20/2007 15:00	59.5	34.0	50.4	30.3
2/20/2007 16:00	65.5	38.5	56.5	34.8
2/20/2007 17:00	71.6	40.6	70.6	40.4
2/20/2007 18:00	90.7	45.0	44.0	28.0
2/20/2007 19:00	30.5	30.0	90.5	42.4
2/20/2007 20:00	22.5	22.5	76.1	35.8
2/20/2007 21:00	20.1	20.1	90.3	32.3
2/20/2007 22:00	33.5	33.2	115.4	39.6
2/20/2007 23:00	42.9	37.8	97.8	36.5
2/21/2007 0:00	33.6	32.7	84.6	36.7
2/21/2007 1:00	106.0	37.5	111.0	41.1
2/21/2007 2:00	147.8	44.0	93.7	40.9
2/21/2007 3:00	282.4	50.2	98.2	39.6
2/21/2007 4:00	280.0	49.4	101.4	37.9
2/21/2007 5:00	289.3	51.1	237.0	45.3
2/21/2007 6:00	297.4	46.8	220.9	44.1
2/21/2007 7:00	109.4	32.4	21.7	16.0
2/21/2007 8:00	47.9	21.1	10.5	10.2
2/21/2007 9:00	50.4	21.9	12.1	10.1
2/21/2007 10:00	55.4	23.8	16.6	11.6
2/21/2007 11:00	58.3	23.0	23.9	15.0
2/21/2007 12:00	87.4	32.6	51.0	24.8
2/21/2007 13:00	96.3	35.7	outlier removed	outlier removed
2/21/2007 14:00	outlier removed	outlier removed	27.8	16.0
2/21/2007 15:00	71.3	30.2	28.3	17.4
2/21/2007 16:00	75.7	32.9	34.0	22.1
2/21/2007 17:00	83.3	39.4	40.9	29.5

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
2/21/2007 18:00	77.8	41.7	37.9	32.3
2/21/2007 19:00	61.1	35.9	28.2	27.8
2/21/2007 20:00	60.5	34.9	26.1	26.1
2/21/2007 21:00	60.7	36.6	26.8	26.8
2/21/2007 22:00	51.7	33.6	28.1	28.1
2/21/2007 23:00	73.5	39.9	33.1	33.3
2/22/2007 0:00	44.7	25.6	25.7	25.8
2/22/2007 1:00	24.3	16.5	11.5	11.5
2/22/2007 2:00	26.9	18.7	12.4	12.4
2/22/2007 3:00	26.7	21.2	18.1	18.1
2/22/2007 4:00	25.5	18.0	13.8	13.8
2/22/2007 5:00	34.7	23.1	17.5	17.5
2/22/2007 6:00	41.5	25.2	17.0	17.0
2/22/2007 7:00	33.8	19.8	14.9	14.9
2/22/2007 8:00	39.0	20.4	13.8	13.8
2/22/2007 9:00	36.4	22.0	14.1	13.5
2/22/2007 10:00	29.3	16.8	15.6	12.1
2/22/2007 11:00	29.6	16.3	17.6	12.4
2/22/2007 12:00	26.5	12.9	16.5	10.0
2/22/2007 13:00	23.6	10.9	16.4	10.3
2/22/2007 14:00	27.8	13.4	13.3	9.0
2/22/2007 15:00	24.7	11.2	16.0	10.3
2/22/2007 16:00	17.3	7.7	14.8	8.2
2/22/2007 17:00	19.5	8.9	15.3	9.2
2/22/2007 18:00	22.4	10.4	19.4	11.6
2/22/2007 19:00	19.4	9.5	17.9	11.6
2/22/2007 20:00	20.4	10.8	19.3	12.3
2/22/2007 21:00	17.4	9.5	17.1	10.8
2/22/2007 22:00	15.5	8.2	19.1	10.2
2/22/2007 23:00	13.1	8.4	21.1	9.7
2/23/2007 0:00	8.6	6.2	17.1	8.7
2/23/2007 1:00	4.7	4.0	17.5	7.7
2/23/2007 2:00	8.3	6.1	16.0	7.7
2/23/2007 3:00	11.1	9.0	15.5	8.3
2/23/2007 4:00	9.2	7.5	14.3	8.5
2/23/2007 5:00	8.8	7.2	13.8	8.2
2/23/2007 6:00	14.0	11.0	22.7	12.2
2/23/2007 7:00	49.7	28.9	44.8	24.5
2/23/2007 8:00	62.1	32.0	58.5	28.8
2/23/2007 9:00	56.2	26.4	55.3	25.0
2/23/2007 10:00	32.1	15.7	44.3	17.6
2/23/2007 11:00	11.1	5.6	41.5	15.0
2/23/2007 12:00	13.2	6.3	41.0	13.4
2/23/2007 13:00	14.0	6.7	41.1	15.4
2/23/2007 14:00	15.0	7.3	41.1	13.5
2/23/2007 15:00	13.8	7.4	42.6	15.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
2/23/2007 16:00	18.9	10.4	41.3	16.1
2/23/2007 17:00	15.0	10.5	43.5	19.8
2/23/2007 18:00	14.6	12.6	51.7	23.5
2/23/2007 19:00	11.9	11.9	47.9	20.7
2/23/2007 20:00	9.4	9.4	47.7	20.7
2/23/2007 21:00	9.9	9.9	40.6	16.2
2/23/2007 22:00	9.5	9.5	36.5	16.3
2/23/2007 23:00	16.2	15.7	38.2	18.5
2/24/2007 0:00	11.6	11.5	52.1	25.2
2/24/2007 1:00	15.6	14.0	65.3	30.3
2/24/2007 2:00	44.7	28.4	41.9	24.3
2/24/2007 3:00	23.3	19.1	42.6	26.5
2/24/2007 4:00	31.8	24.6	44.4	30.3
2/24/2007 5:00	56.9	33.1	35.4	25.8
2/24/2007 6:00	28.8	27.8	49.0	33.4
2/24/2007 7:00	27.1	27.1	49.7	31.1
2/24/2007 8:00	17.6	17.0	52.4	29.8
2/24/2007 9:00	5.6	4.7	26.1	10.7
2/24/2007 10:00	2.6	1.5	19.6	7.4
2/24/2007 11:00	1.0	0.3	22.1	7.5
2/24/2007 12:00	0.3	outlier removed	22.7	7.4
2/24/2007 13:00	1.4	0.4	28.5	7.7
2/24/2007 14:00	2.5	1.2	21.6	5.8
2/24/2007 15:00	3.0	1.9	20.9	8.4
2/24/2007 16:00	8.3	6.1	24.3	10.3
2/24/2007 17:00	4.5	3.7	22.0	8.9
2/24/2007 18:00	0.5	0.5	18.5	8.2
2/24/2007 19:00	1.1	1.1	17.0	6.8
2/24/2007 20:00	1.3	1.3	11.0	4.7
2/24/2007 21:00	1.0	1.0	11.9	4.5
2/24/2007 22:00	0.6	0.6	13.0	4.8
2/24/2007 23:00	1.9	1.9	13.6	6.3
2/25/2007 0:00	1.1	1.1	6.5	3.5
2/25/2007 1:00	1.5	1.5	9.4	4.4
2/25/2007 2:00	2.4	2.4	8.1	5.3
2/25/2007 3:00	1.6	1.6	6.5	3.9
2/25/2007 4:00	1.5	1.5	3.6	2.9
2/25/2007 5:00	2.0	2.0	5.4	3.6
2/25/2007 6:00	3.4	3.4	6.7	5.1
2/25/2007 7:00	3.0	3.0	5.6	4.2
2/25/2007 8:00	2.7	2.7	7.4	4.6
2/25/2007 9:00	2.3	2.3	7.9	5.1
2/25/2007 10:00	3.1	3.1	9.7	5.8
2/25/2007 11:00	3.4	3.4	11.7	7.0
2/25/2007 12:00	3.1	3.1	11.8	6.4
2/25/2007 13:00	3.0	3.0	12.5	6.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
2/25/2007 14:00	2.6	2.6	17.7	9.2
2/25/2007 15:00	3.2	3.2	14.8	8.6
2/25/2007 16:00	3.2	3.2	18.1	8.8
2/25/2007 17:00	3.6	3.6	13.2	6.9
2/25/2007 18:00	4.8	4.8	23.2	11.0
2/25/2007 19:00	5.3	5.3	25.5	12.8
2/25/2007 20:00	4.7	4.7	18.7	10.4
2/25/2007 21:00	4.7	4.7	17.2	9.0
2/25/2007 22:00	4.9	4.9	24.3	13.0
2/25/2007 23:00	8.6	8.1	10.9	8.6
2/26/2007 0:00	24.9	19.7	18.8	12.1
2/26/2007 1:00	34.1	20.1	9.7	9.7
2/26/2007 2:00	34.5	21.5	14.3	14.3
2/26/2007 3:00	16.9	9.6	5.5	5.5
2/26/2007 4:00	9.9	5.3	3.8	3.8
2/26/2007 5:00	13.3	7.4	4.0	4.0
2/26/2007 6:00	19.5	9.8	6.1	6.1
2/26/2007 7:00	23.2	10.0	4.6	4.6
2/26/2007 8:00	28.8	14.9	7.4	7.4
2/26/2007 9:00	46.2	21.0	6.6	6.7
2/26/2007 10:00	40.4	19.4	6.9	6.6
2/26/2007 11:00	44.0	20.9	8.5	8.0
2/26/2007 12:00	45.4	20.2	8.6	7.9
2/26/2007 13:00	30.9	13.8	6.7	6.0
2/26/2007 14:00	41.4	16.8	7.6	6.6
2/26/2007 15:00	50.1	20.5	7.6	6.8
2/26/2007 16:00	37.1	15.0	8.4	7.8
2/26/2007 17:00	45.7	19.0	7.9	7.5
2/26/2007 18:00	43.6	17.7	8.1	8.1
2/26/2007 19:00	44.0	21.0	9.2	9.2
2/26/2007 20:00	47.3	20.9	10.2	10.2
2/26/2007 21:00	50.3	21.1	8.3	8.3
2/26/2007 22:00	61.7	26.6	8.6	8.6
2/26/2007 23:00	52.3	25.0	9.4	9.4
2/27/2007 0:00	47.7	23.2	10.2	10.2
2/27/2007 1:00	38.3	19.6	10.1	10.1
2/27/2007 2:00	30.5	17.5	8.5	8.5
2/27/2007 3:00	39.4	18.1	6.6	6.6
2/27/2007 4:00	29.6	16.0	8.1	8.1
2/27/2007 5:00	35.8	18.2	7.6	7.6
2/27/2007 6:00	36.8	18.6	7.5	7.5
2/27/2007 7:00	39.9	20.0	9.8	9.8
2/27/2007 8:00	59.8	26.3	15.4	15.2
2/27/2007 9:00	80.5	30.7	26.7	20.5
2/27/2007 10:00	80.5	30.4	34.9	22.1
2/27/2007 11:00	72.6	27.2	35.4	21.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
2/27/2007 12:00	59.2	22.5	24.8	15.0
2/27/2007 13:00	50.4	17.7	18.7	11.0
2/27/2007 14:00	51.2	20.5	15.0	10.7
2/27/2007 15:00	51.1	23.8	16.3	13.4
2/27/2007 16:00	46.6	20.8	14.2	12.3
2/27/2007 17:00	46.6	21.7	11.9	10.9
2/27/2007 18:00	45.6	21.7	12.0	12.0
2/27/2007 19:00	62.6	30.4	20.3	20.3
2/27/2007 20:00	71.0	31.2	21.2	21.2
2/27/2007 21:00	67.2	30.0	15.0	15.0
2/27/2007 22:00	55.8	27.4	15.9	15.9
2/27/2007 23:00	58.3	26.2	15.8	15.8
2/28/2007 0:00	56.8	27.1	15.1	15.1
2/28/2007 1:00	50.4	30.1	22.1	22.1
2/28/2007 2:00	71.7	33.5	22.8	22.8
2/28/2007 3:00	52.6	29.5	23.5	23.5
2/28/2007 4:00	45.5	26.6	20.8	20.8
2/28/2007 5:00	71.9	32.7	22.3	21.1
2/28/2007 6:00	49.5	26.2	29.5	24.0
2/28/2007 7:00	63.3	28.4	53.7	27.4
2/28/2007 8:00	112.1	37.2	72.9	33.9
2/28/2007 9:00	112.1	36.1	67.5	30.8
2/28/2007 10:00	74.3	32.0	60.4	29.3
2/28/2007 11:00	80.8	32.2	50.4	26.2
2/28/2007 12:00	44.5	25.9	55.0	25.7
2/28/2007 13:00	27.8	19.2	57.9	25.4
2/28/2007 14:00	19.9	15.5	42.4	22.5
2/28/2007 15:00	16.0	11.6	45.7	21.0
2/28/2007 16:00	15.3	11.2	51.6	22.9
2/28/2007 17:00	10.0	8.8	69.3	23.0
2/28/2007 18:00	8.6	8.2	64.9	23.7
2/28/2007 19:00	14.6	14.6	60.0	25.0
2/28/2007 20:00	15.6	15.6	68.6	24.8
2/28/2007 21:00	11.6	11.6	55.1	22.4
2/28/2007 22:00	10.3	10.3	50.9	19.7
2/28/2007 23:00	9.4	9.4	50.4	20.8
3/1/2007 0:00	9.2	9.2	38.9	16.0
3/1/2007 1:00	7.1	7.1	24.0	12.4
3/1/2007 2:00	5.3	5.3	19.0	9.5
3/1/2007 3:00	4.0	4.0	12.8	7.0
3/1/2007 4:00	3.5	3.5	13.7	6.3
3/1/2007 5:00	3.0	3.0	16.1	7.5
3/1/2007 6:00	2.9	2.9	13.0	6.6
3/1/2007 7:00	3.2	3.2	22.2	10.2
3/1/2007 8:00	4.7	4.7	21.5	10.1
3/1/2007 9:00	8.9	8.7	31.0	15.5

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
3/1/2007 10:00	9.7	9.3	31.3	16.5
3/1/2007 11:00	13.5	12.7	33.3	16.6
3/1/2007 12:00	12.0	11.4	47.7	19.5
3/1/2007 13:00	11.8	10.8	35.3	17.4
3/1/2007 14:00	9.1	8.2	31.1	14.8
3/1/2007 15:00	11.6	10.5	35.8	17.1
3/1/2007 16:00	11.7	10.9	38.2	18.2
3/1/2007 17:00	12.6	12.4	38.9	18.8
3/1/2007 18:00	12.1	12.1	38.0	20.0
3/1/2007 19:00	10.9	10.9	30.0	17.2
3/1/2007 20:00	9.7	9.7	33.7	18.8
3/1/2007 21:00	11.4	11.4	32.7	18.0
3/1/2007 22:00	12.9	12.9	45.7	21.3
3/1/2007 23:00	11.1	11.1	24.0	13.9
3/2/2007 0:00	8.3	8.3	23.7	14.9
3/2/2007 1:00	7.4	7.4	26.6	15.8
3/2/2007 2:00	21.9	15.8	10.7	9.3
3/2/2007 3:00	15.6	8.7	5.7	5.7
3/2/2007 4:00	11.2	7.2	3.7	3.7
3/2/2007 5:00	11.5	6.7	3.9	3.9
3/2/2007 6:00	11.3	5.5	7.9	7.9
3/2/2007 7:00	15.4	8.6	7.0	7.0
3/2/2007 8:00	16.7	9.4	6.9	6.9
3/2/2007 9:00	20.7	10.1	4.7	4.7
3/2/2007 10:00	18.2	9.5	7.3	6.3
3/2/2007 11:00	14.9	6.5	5.1	4.4
3/2/2007 12:00	13.5	4.7	4.0	3.7
3/2/2007 13:00	12.6	4.9	2.3	2.2
3/2/2007 14:00	15.3	6.1	4.3	3.4
3/2/2007 15:00	12.5	5.4	2.9	2.9
3/2/2007 16:00	13.4	5.6	4.1	3.7
3/2/2007 17:00	10.1	4.2	2.8	2.6
3/2/2007 18:00	13.0	6.2	3.1	3.1
3/2/2007 19:00	10.2	5.8	2.1	2.1
3/2/2007 20:00	12.0	6.9	3.1	3.1
3/2/2007 21:00	12.2	6.3	2.5	2.5
3/2/2007 22:00	11.7	5.4	2.0	2.0
3/2/2007 23:00	12.3	6.2	2.6	2.6
3/3/2007 0:00	9.6	4.8	1.7	1.7
3/3/2007 1:00	6.0	3.0	1.5	1.5
3/3/2007 2:00	7.8	4.5	2.5	2.5
3/3/2007 3:00	4.9	2.9	1.2	1.2
3/3/2007 4:00	5.8	3.8	1.6	1.6
3/3/2007 5:00	4.3	2.7	0.8	0.8
3/3/2007 6:00	4.3	2.5	1.4	1.4
3/3/2007 7:00	8.8	4.6	2.1	2.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
3/3/2007 8:00	7.0	2.9	1.9	1.9
3/3/2007 9:00	8.8	3.1	1.1	1.1
3/3/2007 10:00	8.0	2.9	1.9	1.5
3/3/2007 11:00	9.9	3.4	2.4	2.0
3/3/2007 12:00	12.8	4.7	2.4	2.1
3/3/2007 13:00	8.3	3.3	2.7	2.1
3/3/2007 14:00	10.7	4.0	3.0	2.5
3/3/2007 15:00	10.3	4.3	3.3	3.0
3/3/2007 16:00	10.6	4.4	3.6	3.3
3/3/2007 17:00	17.4	9.4	4.4	4.3
3/3/2007 18:00	20.6	12.1	7.2	7.2
3/3/2007 19:00	15.1	8.9	7.9	7.9
3/3/2007 20:00	12.7	6.5	3.9	3.9
3/3/2007 21:00	11.3	5.7	2.9	2.9
3/3/2007 22:00	7.7	3.9	2.9	2.9
3/3/2007 23:00	6.1	3.6	3.3	3.3
3/4/2007 0:00	7.0	4.7	3.5	3.5
3/4/2007 1:00	6.8	3.8	3.3	3.3
3/4/2007 2:00	6.4	4.2	2.4	2.4
3/4/2007 3:00	6.3	3.7	2.7	2.7
3/4/2007 4:00	3.1	2.0	2.9	2.9
3/4/2007 5:00	4.8	3.2	2.3	2.3
3/4/2007 6:00	5.2	4.0	2.4	2.4
3/4/2007 7:00	7.4	5.0	2.5	2.5
3/4/2007 8:00	9.8	6.2	2.8	2.8
3/4/2007 9:00	11.2	6.4	2.4	2.4
3/4/2007 10:00	14.8	6.9	2.5	2.3
3/4/2007 11:00	12.7	6.2	2.3	1.9
3/4/2007 12:00	9.1	3.7	1.4	1.1
3/4/2007 13:00	10.4	3.6	0.8	0.7
3/4/2007 14:00	9.3	3.5	1.0	0.8
3/4/2007 15:00	10.9	4.0	1.5	1.2
3/4/2007 16:00	13.7	6.0	1.7	1.5
3/4/2007 17:00	11.6	4.6	1.1	1.1
3/4/2007 18:00	12.1	4.7	1.6	1.6
3/4/2007 19:00	14.5	6.8	4.1	4.1
3/4/2007 20:00	15.9	8.2	5.2	5.2
3/4/2007 21:00	14.5	7.0	6.2	6.2
3/4/2007 22:00	12.1	6.5	4.4	4.4
3/4/2007 23:00	14.1	7.9	2.9	2.9
3/5/2007 0:00	11.4	7.9	3.6	3.6
3/5/2007 1:00	11.6	6.0	4.2	4.2
3/5/2007 2:00	12.1	8.4	5.2	5.2
3/5/2007 3:00	11.3	7.6	3.7	3.7
3/5/2007 4:00	13.3	8.7	3.6	3.6
3/5/2007 5:00	17.7	11.6	4.4	4.4

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
3/5/2007 6:00	21.3	13.3	5.2	5.2
3/5/2007 7:00	30.4	16.9	7.9	7.9
3/5/2007 8:00	29.5	20.2	22.7	18.8
3/5/2007 9:00	28.6	17.8	27.0	16.9
3/5/2007 10:00	20.1	9.8	20.4	9.8
3/5/2007 11:00	14.3	5.5	15.2	7.6
3/5/2007 12:00	12.8	4.9	12.7	5.7
3/5/2007 13:00	15.6	5.4	12.5	4.6
3/5/2007 14:00	16.1	6.0	12.7	4.7
3/5/2007 15:00	16.3	5.8	11.7	5.4
3/5/2007 16:00	18.4	7.1	16.2	6.7
3/5/2007 17:00	17.7	7.9	17.8	7.9
3/5/2007 18:00	16.3	9.0	20.3	9.0
3/5/2007 19:00	20.2	10.1	17.5	9.0
3/5/2007 20:00	21.7	11.6	20.3	9.7
3/5/2007 21:00	21.3	11.5	23.1	10.9
3/5/2007 22:00	12.6	7.9	19.7	8.8
3/5/2007 23:00	3.4	2.6	21.0	7.8
3/6/2007 0:00	8.5	6.0	12.1	5.4
3/6/2007 1:00	1.7	1.4	11.3	4.2
3/6/2007 2:00	2.3	1.8	8.4	3.3
3/6/2007 3:00	3.0	2.2	11.9	5.4
3/6/2007 4:00	21.7	13.2	20.2	9.9
3/6/2007 5:00	23.6	15.6	18.1	9.5
3/6/2007 6:00	10.3	8.1	23.6	11.8
3/6/2007 7:00	17.9	12.9	34.3	17.8
3/6/2007 8:00	20.0	15.6	55.7	25.9
3/6/2007 9:00	23.0	14.2	61.1	22.6
3/6/2007 10:00	25.6	13.6	59.6	20.1
3/6/2007 11:00	17.8	8.9	44.0	16.6
3/6/2007 12:00	29.5	12.9	15.1	8.0
3/6/2007 13:00	30.8	12.8	19.2	9.3
3/6/2007 14:00	40.7	17.5	18.1	10.7
3/6/2007 15:00	40.3	18.3	23.0	13.2
3/6/2007 16:00	43.6	17.8	14.9	9.9
3/6/2007 17:00	37.2	15.4	9.5	7.2
3/6/2007 18:00	50.3	23.0	8.3	7.7
3/6/2007 19:00	57.7	26.9	7.5	7.5
3/6/2007 20:00	42.0	21.4	7.8	7.8
3/6/2007 21:00	46.3	24.2	11.7	11.7
3/6/2007 22:00	32.9	22.4	11.4	11.4
3/6/2007 23:00	19.1	17.9	16.3	16.3
3/7/2007 0:00	24.5	23.6	18.7	18.1
3/7/2007 1:00	18.1	17.7	23.7	18.4
3/7/2007 2:00	14.7	14.7	54.1	25.5
3/7/2007 3:00	17.1	17.1	53.9	27.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
3/7/2007 4:00	12.4	12.4	38.8	21.2
3/7/2007 5:00	10.3	10.3	46.1	23.4
3/7/2007 6:00	10.5	10.5	49.3	25.5
3/7/2007 7:00	7.1	7.1	46.4	21.5
3/7/2007 8:00	11.4	10.7	73.8	27.0
3/7/2007 9:00	10.0	7.4	80.7	23.5
3/7/2007 10:00	5.5	3.1	60.9	17.2
3/7/2007 11:00	5.5	2.5	55.3	13.8
3/7/2007 12:00	7.3	3.2	44.8	13.4
3/7/2007 13:00	9.3	4.2	46.7	15.1
3/7/2007 14:00	11.7	5.6	46.4	15.8
3/7/2007 15:00	20.8	10.4	39.7	15.5
3/7/2007 16:00	28.3	15.3	18.4	11.2
3/7/2007 17:00	16.5	11.5	10.0	8.0
3/7/2007 18:00	16.8	13.1	9.5	8.5
3/7/2007 19:00	34.7	17.5	6.0	6.0
3/7/2007 20:00	52.4	26.1	5.8	5.8
3/7/2007 21:00	57.8	32.1	7.0	7.0
3/7/2007 22:00	75.0	36.5	5.9	5.9
3/7/2007 23:00	83.7	38.4	6.1	6.1
3/8/2007 0:00	75.1	38.0	5.3	5.3
3/8/2007 1:00	44.1	25.6	3.3	3.3
3/8/2007 2:00	73.7	34.7	5.9	5.9
3/8/2007 3:00	105.2	38.7	13.2	13.2
3/8/2007 4:00	96.5	36.0	21.3	20.5
3/8/2007 5:00	115.7	35.0	34.1	30.5
3/8/2007 6:00	109.2	33.6	40.7	30.9
3/8/2007 7:00	102.3	34.1	53.2	31.6
3/8/2007 8:00	115.8	36.1	167.4	38.7
3/8/2007 9:00	209.4	48.3	172.9	45.8
3/8/2007 10:00	129.4	42.4	124.7	42.9
3/8/2007 11:00	123.4	42.6	98.3	38.4
3/8/2007 12:00	100.7	40.2	83.2	36.4
3/8/2007 13:00	76.9	35.0	65.6	32.0
3/8/2007 14:00	51.3	26.7	35.7	21.5
3/8/2007 15:00	50.1	27.7	37.0	22.9
3/8/2007 16:00	37.4	22.5	24.2	17.1
3/8/2007 17:00	19.5	14.5	13.6	11.2
3/8/2007 18:00	17.0	14.9	13.7	12.8
3/8/2007 19:00	15.0	15.0	11.8	11.8
3/8/2007 20:00	19.5	19.5	15.6	15.2
3/8/2007 21:00	14.5	14.5	11.7	11.5
3/8/2007 22:00	18.2	18.2	8.2	8.2
3/8/2007 23:00	22.8	22.8	32.1	22.8
3/9/2007 0:00	24.5	24.5	27.3	22.5
3/9/2007 1:00	12.8	12.8	26.3	17.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
3/9/2007 2:00	10.7	10.7	46.8	28.8
3/9/2007 3:00	11.4	11.4	39.3	23.0
3/9/2007 4:00	11.7	11.7	41.5	24.1
3/9/2007 5:00	9.0	9.0	38.6	22.3
3/9/2007 6:00	17.3	15.1	11.0	11.0
3/9/2007 7:00	21.3	20.7	47.6	26.8
3/9/2007 8:00	50.2	32.4	100.4	39.0
3/9/2007 9:00	35.0	21.9	71.7	29.5
3/9/2007 10:00	23.6	14.4	23.3	13.6
3/9/2007 11:00	28.5	15.2	20.8	12.6
3/9/2007 12:00	27.0	14.8	25.7	14.9
3/9/2007 13:00	26.1	15.0	21.3	13.0
3/9/2007 14:00	23.1	14.2	22.2	13.9
3/9/2007 15:00	25.4	15.8	20.4	13.8
3/9/2007 16:00	23.5	15.6	20.5	14.8
3/9/2007 17:00	29.1	20.0	22.1	17.5
3/9/2007 18:00	30.7	25.9	23.8	21.6
3/9/2007 19:00	42.7	37.8	58.0	33.0
3/9/2007 20:00	45.0	40.1	128.7	49.9
3/9/2007 21:00	43.1	39.7	99.0	44.7
3/9/2007 22:00	34.0	33.4	99.0	41.8
3/9/2007 23:00	56.5	36.1	96.7	40.9
3/10/2007 0:00	59.5	34.7	78.6	37.5
3/10/2007 1:00	60.9	34.2	71.0	36.5
3/10/2007 2:00	49.1	30.4	81.0	34.8
3/10/2007 3:00	51.9	27.4	82.2	31.5
3/10/2007 4:00	49.7	27.2	19.2	19.4
3/10/2007 5:00	24.4	20.5	16.9	16.9
3/10/2007 6:00	27.5	22.1	15.9	15.9
3/10/2007 7:00	18.4	12.4	9.6	9.6
3/10/2007 8:00	21.0	12.9	7.5	7.5
3/10/2007 9:00	24.4	14.0	8.0	8.1
3/10/2007 10:00	19.6	10.9	8.5	7.7
3/10/2007 11:00	20.6	10.6	8.7	7.0
3/10/2007 12:00	20.4	10.9	9.0	7.2
3/10/2007 13:00	17.1	9.8	9.2	7.6
3/10/2007 14:00	16.6	10.3	8.1	7.0
3/10/2007 15:00	14.8	9.1	7.2	6.8
3/10/2007 16:00	14.1	9.0	6.9	6.7
3/10/2007 17:00	14.8	8.7	7.4	7.4
3/10/2007 18:00	13.4	8.2	5.5	5.5
3/10/2007 19:00	14.5	9.6	5.6	5.6
3/10/2007 20:00	15.5	10.8	6.7	6.7
3/10/2007 21:00	21.7	15.8	8.6	8.6
3/10/2007 22:00	27.6	22.3	11.1	11.1
3/10/2007 23:00	31.3	23.5	6.6	6.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
3/11/2007 0:00	28.5	22.8	7.9	7.9
3/11/2007 1:00	19.8	16.6	7.3	7.3
3/11/2007 2:00	outlier removed	outlier removed	outlier removed	outlier removed
3/11/2007 3:00	24.1	22.1	15.6	15.6
3/11/2007 4:00	20.4	19.0	22.6	22.6
3/11/2007 5:00	20.8	18.5	22.5	22.5
3/11/2007 6:00	17.9	16.1	21.0	20.5
3/11/2007 7:00	15.3	13.8	15.1	13.5
3/11/2007 8:00	27.4	22.3	24.8	22.8
3/11/2007 9:00	62.8	34.2	51.3	30.2
3/11/2007 10:00	11.9	8.8	16.5	10.0
3/11/2007 11:00	11.8	7.5	16.9	8.8
3/11/2007 12:00	10.7	6.7	14.9	8.0
3/11/2007 13:00	12.3	7.5	17.0	9.6
3/11/2007 14:00	16.7	10.0	14.8	9.9
3/11/2007 15:00	27.5	17.4	25.4	17.1
3/11/2007 16:00	17.2	11.3	18.5	13.4
3/11/2007 17:00	24.6	13.1	8.9	7.8
3/11/2007 18:00	23.7	14.3	7.5	7.0
3/11/2007 19:00	22.8	12.7	6.1	5.9
3/11/2007 20:00	28.0	15.7	4.9	4.9
3/11/2007 21:00	41.8	27.9	4.4	4.4
3/11/2007 22:00	42.0	30.7	4.6	4.6
3/11/2007 23:00	53.5	31.7	4.4	4.4
3/12/2007 0:00	48.7	29.3	5.4	5.4
3/12/2007 1:00	41.2	28.7	3.8	3.8
3/12/2007 2:00	36.3	26.3	6.3	6.3
3/12/2007 3:00	39.9	28.1	7.2	7.2
3/12/2007 4:00	49.4	26.6	8.9	8.9
3/12/2007 5:00	54.4	27.2	11.1	11.1
3/12/2007 6:00	69.8	30.5	11.4	11.4
3/12/2007 7:00	92.2	31.3	11.7	11.7
3/12/2007 8:00	72.2	28.4	11.7	11.7
3/12/2007 9:00	72.8	29.9	15.3	14.5
3/12/2007 10:00	62.1	27.8	15.0	13.3
3/12/2007 11:00	71.0	29.4	19.2	15.9
3/12/2007 12:00	57.2	27.0	28.1	20.6
3/12/2007 13:00	48.0	22.8	17.8	14.5
3/12/2007 14:00	46.7	21.7	14.7	12.9
3/12/2007 15:00	37.7	16.4	11.8	8.5
3/12/2007 16:00	37.2	18.5	15.5	12.4
3/12/2007 17:00	32.1	15.7	13.7	11.3
3/12/2007 18:00	33.4	17.9	12.8	11.2
3/12/2007 19:00	42.6	21.7	15.8	15.0
3/12/2007 20:00	45.5	25.1	16.4	16.5
3/12/2007 21:00	51.6	26.5	17.3	17.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
3/12/2007 22:00	47.1	23.7	16.0	16.0
3/12/2007 23:00	56.6	28.2	16.8	16.8
3/13/2007 0:00	63.0	28.7	18.3	18.3
3/13/2007 1:00	53.8	26.5	18.5	18.5
3/13/2007 2:00	66.0	29.2	20.1	20.1
3/13/2007 3:00	71.2	32.4	19.8	19.8
3/13/2007 4:00	96.5	34.5	18.7	18.7
3/13/2007 5:00	115.0	34.2	15.9	15.9
3/13/2007 6:00	90.6	29.7	16.6	16.6
3/13/2007 7:00	76.6	29.1	18.3	18.2
3/13/2007 8:00	89.8	32.3	23.4	21.2
3/13/2007 9:00	80.7	31.1	30.5	22.6
3/13/2007 10:00	53.0	24.0	26.1	17.6
3/13/2007 11:00	40.5	18.9	20.6	14.3
3/13/2007 12:00	40.4	19.1	16.5	12.0
3/13/2007 13:00	32.1	16.6	13.0	10.2
3/13/2007 14:00	23.5	12.8	10.3	8.5
3/13/2007 15:00	23.3	13.4	7.7	7.2
3/13/2007 16:00	20.8	12.7	5.5	5.6
3/13/2007 17:00	21.0	12.4	5.3	5.3
3/13/2007 18:00	21.3	13.0	4.4	4.4
3/13/2007 19:00	27.5	18.0	4.8	4.8
3/13/2007 20:00	39.4	27.1	8.1	8.1
3/13/2007 21:00	33.0	22.8	7.5	7.5
3/13/2007 22:00	27.5	19.7	6.1	6.1
3/13/2007 23:00	36.9	25.5	7.1	7.1
3/14/2007 0:00	38.1	25.6	8.1	8.1
3/14/2007 1:00	27.1	20.3	8.3	8.3
3/14/2007 2:00	29.4	21.3	9.6	9.6
3/14/2007 3:00	49.1	35.3	9.2	9.2
3/14/2007 4:00	33.6	23.1	6.4	6.4
3/14/2007 5:00	15.7	8.8	3.7	3.7
3/14/2007 6:00	41.7	18.1	4.0	4.0
3/14/2007 7:00	53.9	22.0	6.4	6.4
3/14/2007 8:00	38.3	16.3	7.1	7.1
3/14/2007 9:00	79.7	24.6	9.0	8.8
3/14/2007 10:00	36.2	14.5	9.5	8.5
3/14/2007 11:00	34.4	13.7	7.2	6.3
3/14/2007 12:00	29.0	12.2	8.0	6.3
3/14/2007 13:00	23.9	8.7	6.7	5.8
3/14/2007 14:00	21.8	10.1	6.1	5.7
3/14/2007 15:00	23.4	11.1	5.2	5.2
3/14/2007 16:00	31.4	17.1	6.6	6.6
3/14/2007 17:00	32.7	18.0	10.0	9.4
3/14/2007 18:00	37.9	22.9	15.9	12.0
3/14/2007 19:00	43.9	28.1	47.5	26.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
3/14/2007 20:00	16.4	16.2	39.3	22.1
3/14/2007 21:00	9.1	9.1	27.0	11.8
3/14/2007 22:00	4.5	4.5	26.4	11.1
3/14/2007 23:00	3.6	3.6	20.4	9.0
3/15/2007 0:00	4.2	4.0	17.1	7.1
3/15/2007 1:00	4.2	4.2	17.5	7.8
3/15/2007 2:00	4.0	4.0	13.8	6.4
3/15/2007 3:00	2.8	2.8	10.9	6.2
3/15/2007 4:00	1.9	1.9	9.0	5.2
3/15/2007 5:00	2.8	2.8	14.9	7.7
3/15/2007 6:00	2.8	2.8	18.2	8.6
3/15/2007 7:00	9.8	9.8	42.2	22.0
3/15/2007 8:00	27.2	26.8	63.6	31.4
3/15/2007 9:00	32.4	27.2	82.4	34.8
3/15/2007 10:00	9.6	8.4	37.0	14.0
3/15/2007 11:00	7.6	5.6	35.4	12.5
3/15/2007 12:00	7.1	4.7	31.5	9.8
3/15/2007 13:00	4.1	2.5	29.8	10.3
3/15/2007 14:00	3.8	2.4	27.0	8.3
3/15/2007 15:00	1.5	0.8	24.3	6.9
3/15/2007 16:00	1.9	1.1	24.1	7.0
3/15/2007 17:00	3.0	1.6	31.3	9.3
3/15/2007 18:00	4.4	3.0	35.5	11.9
3/15/2007 19:00	5.0	3.9	26.7	10.9
3/15/2007 20:00	5.1	5.1	26.9	11.2
3/15/2007 21:00	3.5	3.5	22.7	9.1
3/15/2007 22:00	4.2	4.2	24.7	7.7
3/15/2007 23:00	3.5	3.5	24.3	10.4
3/16/2007 0:00	3.0	3.0	19.4	9.5
3/16/2007 1:00	5.5	5.5	20.7	11.8
3/16/2007 2:00	4.3	4.3	9.5	5.8
3/16/2007 3:00	2.3	2.3	7.7	2.8
3/16/2007 4:00	3.2	3.2	8.9	4.4
3/16/2007 5:00	5.4	5.4	16.1	7.9
3/16/2007 6:00	3.9	3.9	24.0	10.3
3/16/2007 7:00	7.5	7.5	27.6	12.1
3/16/2007 8:00	8.8	8.8	31.1	12.6
3/16/2007 9:00	11.5	9.8	37.2	13.4
3/16/2007 10:00	11.8	8.1	24.5	7.7
3/16/2007 11:00	5.3	3.4	26.9	10.4
3/16/2007 12:00	5.5	3.1	24.7	8.9
3/16/2007 13:00	3.3	1.6	25.1	10.1
3/16/2007 14:00	outlier removed	outlier removed	20.2	6.1
3/16/2007 15:00	5.5	4.2	outlier removed	outlier removed
3/16/2007 16:00	6.7	5.1	25.7	10.7
3/16/2007 17:00	7.1	5.2	31.4	11.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
3/16/2007 18:00	6.2	4.9	28.5	12.5
3/16/2007 19:00	5.8	5.2	26.0	11.0
3/16/2007 20:00	6.7	6.7	32.1	15.7
3/16/2007 21:00	7.6	7.6	24.3	13.1
3/16/2007 22:00	6.4	6.4	21.1	11.3
3/16/2007 23:00	5.5	5.5	18.1	10.9
3/17/2007 0:00	5.7	5.7	20.6	11.5
3/17/2007 1:00	6.0	6.0	14.7	10.0
3/17/2007 2:00	8.1	8.1	14.1	9.6
3/17/2007 3:00	6.5	6.5	16.0	10.2
3/17/2007 4:00	10.5	9.9	14.8	11.2
3/17/2007 5:00	8.4	7.8	14.2	10.5
3/17/2007 6:00	18.3	15.9	13.8	10.5
3/17/2007 7:00	25.7	19.5	21.1	17.2
3/17/2007 8:00	23.5	18.7	24.3	17.0
3/17/2007 9:00	15.4	12.1	30.4	16.2
3/17/2007 10:00	12.1	8.4	26.5	13.2
3/17/2007 11:00	5.6	3.8	18.5	7.6
3/17/2007 12:00	6.4	4.0	19.7	8.1
3/17/2007 13:00	4.7	3.0	15.4	6.3
3/17/2007 14:00	4.6	2.6	15.1	7.8
3/17/2007 15:00	11.4	6.3	13.0	6.6
3/17/2007 16:00	7.2	4.6	15.5	7.4
3/17/2007 17:00	6.8	4.3	12.0	6.0
3/17/2007 18:00	9.2	5.5	15.0	7.4
3/17/2007 19:00	10.4	7.0	11.4	6.7
3/17/2007 20:00	12.8	8.7	12.6	8.9
3/17/2007 21:00	16.9	12.1	14.3	11.1
3/17/2007 22:00	19.5	14.5	19.5	14.7
3/17/2007 23:00	22.4	16.3	19.3	15.5
3/18/2007 0:00	16.6	13.3	17.1	14.4
3/18/2007 1:00	16.9	14.2	17.0	14.3
3/18/2007 2:00	13.1	11.6	13.7	10.1
3/18/2007 3:00	15.9	13.2	13.1	11.4
3/18/2007 4:00	11.8	9.7	11.9	11.1
3/18/2007 5:00	10.9	9.0	10.1	9.4
3/18/2007 6:00	12.2	10.0	11.3	10.4
3/18/2007 7:00	15.5	11.6	15.0	12.6
3/18/2007 8:00	20.1	14.7	18.9	16.0
3/18/2007 9:00	18.4	12.7	17.3	13.2
3/18/2007 10:00	15.1	8.9	12.2	8.1
3/18/2007 11:00	13.2	7.1	12.4	7.4
3/18/2007 12:00	15.7	7.4	10.3	6.1
3/18/2007 13:00	13.2	6.6	11.6	7.2
3/18/2007 14:00	11.2	5.8	9.1	6.0
3/18/2007 15:00	11.1	5.0	6.3	4.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
3/18/2007 16:00	16.1	7.8	5.7	4.0
3/18/2007 17:00	15.5	7.2	4.4	3.4
3/18/2007 18:00	16.1	7.4	2.8	2.8
3/18/2007 19:00	24.0	12.7	5.8	4.9
3/18/2007 20:00	42.4	22.1	3.4	3.4
3/18/2007 21:00	45.9	30.4	7.2	7.2
3/18/2007 22:00	77.1	40.6	14.3	14.3
3/18/2007 23:00	33.8	28.0	7.4	7.4
3/19/2007 0:00	37.8	25.0	3.4	3.4
3/19/2007 1:00	25.1	14.8	1.7	1.7
3/19/2007 2:00	25.5	16.1	6.3	6.3
3/19/2007 3:00	25.7	16.3	8.8	8.8
3/19/2007 4:00	19.1	12.8	8.2	8.2
3/19/2007 5:00	10.9	5.9	3.3	3.3
3/19/2007 6:00	16.7	7.3	2.3	2.3
3/19/2007 7:00	25.5	12.5	3.2	3.2
3/19/2007 8:00	20.5	11.1	6.1	6.1
3/19/2007 9:00	34.4	17.5	4.2	4.2
3/19/2007 10:00	37.0	17.2	3.6	3.6
3/19/2007 11:00	33.4	12.9	5.6	5.1
3/19/2007 12:00	28.5	11.8	5.6	4.9
3/19/2007 13:00	32.5	13.0	6.1	5.0
3/19/2007 14:00	34.4	13.7	9.3	6.8
3/19/2007 15:00	44.3	17.3	13.3	9.2
3/19/2007 16:00	37.7	16.7	11.4	9.0
3/19/2007 17:00	39.5	16.7	11.8	9.9
3/19/2007 18:00	34.3	16.5	10.0	9.5
3/19/2007 19:00	43.0	19.2	8.7	8.4
3/19/2007 20:00	59.4	25.1	11.0	11.0
3/19/2007 21:00	83.9	33.4	16.2	16.2
3/19/2007 22:00	57.8	32.9	20.6	20.6
3/19/2007 23:00	55.9	30.3	32.5	21.2
3/20/2007 0:00	90.2	42.9	152.4	46.9
3/20/2007 1:00	85.0	42.0	87.7	43.7
3/20/2007 2:00	41.0	33.2	73.7	39.9
3/20/2007 3:00	86.8	38.2	64.9	33.4
3/20/2007 4:00	33.0	25.7	45.5	27.1
3/20/2007 5:00	7.8	7.8	22.3	14.3
3/20/2007 6:00	7.9	7.9	24.9	13.5
3/20/2007 7:00	10.0	10.0	30.0	16.2
3/20/2007 8:00	11.1	11.0	46.2	22.0
3/20/2007 9:00	13.0	11.2	41.1	17.4
3/20/2007 10:00	8.6	6.1	42.5	13.6
3/20/2007 11:00	3.7	2.4	38.1	7.9
3/20/2007 12:00	3.3	1.6	42.9	10.7
3/20/2007 13:00	3.2	1.7	44.9	11.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
3/20/2007 14:00	3.4	2.0	41.2	11.3
3/20/2007 15:00	3.4	2.2	34.8	11.0
3/20/2007 16:00	3.7	2.5	43.1	12.1
3/20/2007 17:00	6.8	4.4	44.3	13.5
3/20/2007 18:00	6.2	4.1	43.3	13.3
3/20/2007 19:00	1.5	1.3	39.1	12.2
3/20/2007 20:00	2.1	2.1	49.6	17.2
3/20/2007 21:00	5.7	5.7	29.8	12.4
3/20/2007 22:00	7.2	7.2	55.4	22.3
3/20/2007 23:00	7.4	7.4	51.3	22.6
3/21/2007 0:00	4.7	4.7	34.0	13.6
3/21/2007 1:00	3.1	3.1	23.1	10.0
3/21/2007 2:00	4.3	4.3	26.9	12.5
3/21/2007 3:00	7.9	7.9	36.3	18.1
3/21/2007 4:00	6.5	6.5	21.9	11.5
3/21/2007 5:00	6.8	6.8	28.1	14.6
3/21/2007 6:00	9.5	9.5	30.1	14.4
3/21/2007 7:00	11.2	11.2	40.1	18.4
3/21/2007 8:00	11.2	11.1	42.7	20.6
3/21/2007 9:00	16.5	14.5	31.8	19.4
3/21/2007 10:00	19.6	15.8	12.6	11.0
3/21/2007 11:00	22.0	15.8	11.9	10.2
3/21/2007 12:00	22.7	18.2	15.8	13.8
3/21/2007 13:00	28.2	20.1	18.2	14.7
3/21/2007 14:00	42.8	21.0	19.0	13.4
3/21/2007 15:00	52.2	23.4	20.0	13.8
3/21/2007 16:00	52.6	24.8	20.2	15.4
3/21/2007 17:00	45.1	22.8	21.7	15.8
3/21/2007 18:00	31.2	18.8	21.4	15.2
3/21/2007 19:00	29.6	21.1	21.4	17.5
3/21/2007 20:00	36.0	26.4	22.3	20.5
3/21/2007 21:00	82.6	33.1	37.5	26.9
3/21/2007 22:00	42.8	24.7	7.2	7.2
3/21/2007 23:00	34.3	21.3	6.5	6.5
3/22/2007 0:00	21.4	13.8	6.1	6.1
3/22/2007 1:00	28.9	20.2	8.0	8.0
3/22/2007 2:00	33.5	23.1	5.9	5.9
3/22/2007 3:00	15.0	10.8	6.1	6.1
3/22/2007 4:00	15.1	11.5	9.1	9.1
3/22/2007 5:00	17.6	13.4	10.5	10.5
3/22/2007 6:00	19.9	12.2	8.8	8.8
3/22/2007 7:00	11.2	6.7	6.5	6.5
3/22/2007 8:00	21.5	14.2	10.8	10.8
3/22/2007 9:00	29.6	17.5	12.0	11.8
3/22/2007 10:00	20.3	11.5	8.0	8.0
3/22/2007 11:00	19.1	10.4	6.3	6.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
3/22/2007 12:00	24.5	12.1	8.2	7.7
3/22/2007 13:00	20.5	10.3	9.1	8.6
3/22/2007 14:00	22.7	10.6	5.8	5.8
3/22/2007 15:00	24.6	12.8	7.2	7.1
3/22/2007 16:00	29.4	13.2	12.1	9.0
3/22/2007 17:00	27.4	13.7	5.7	5.2
3/22/2007 18:00	30.1	14.8	5.7	5.5
3/22/2007 19:00	32.4	18.0	7.0	6.9
3/22/2007 20:00	40.7	25.6	28.5	23.2
3/22/2007 21:00	59.0	33.4	59.6	40.1
3/22/2007 22:00	51.0	30.2	12.0	12.0
3/22/2007 23:00	51.6	27.6	10.2	10.2
3/23/2007 0:00	70.5	39.8	35.1	26.2
3/23/2007 1:00	82.7	43.0	33.6	26.5
3/23/2007 2:00	76.5	41.3	140.4	46.1
3/23/2007 3:00	47.7	35.6	82.3	43.4
3/23/2007 4:00	77.9	35.8	45.6	34.4
3/23/2007 5:00	69.5	33.5	90.7	32.5
3/23/2007 6:00	141.0	39.3	127.5	38.2
3/23/2007 7:00	144.3	35.8	57.7	30.3
3/23/2007 8:00	134.9	35.1	94.1	34.9
3/23/2007 9:00	145.8	36.1	225.3	42.5
3/23/2007 10:00	118.3	38.1	149.9	44.3
3/23/2007 11:00	54.2	32.5	95.2	31.1
3/23/2007 12:00	24.7	18.3	71.1	28.4
3/23/2007 13:00	10.0	8.3	49.8	20.3
3/23/2007 14:00	3.3	3.1	38.1	15.5
3/23/2007 15:00	3.5	3.2	33.3	13.8
3/23/2007 16:00	8.4	7.1	37.0	17.9
3/23/2007 17:00	6.1	5.5	24.8	13.8
3/23/2007 18:00	4.8	4.6	21.8	13.9
3/23/2007 19:00	5.3	5.3	27.9	14.8
3/23/2007 20:00	5.6	5.6	30.7	15.5
3/23/2007 21:00	5.1	5.1	31.5	18.6
3/23/2007 22:00	8.9	8.9	31.9	18.1
3/23/2007 23:00	4.6	4.6	18.2	14.2
3/24/2007 0:00	3.4	3.4	28.7	18.3
3/24/2007 1:00	4.1	4.1	14.1	11.1
3/24/2007 2:00	4.1	4.1	16.3	14.5
3/24/2007 3:00	5.1	5.1	29.0	19.1
3/24/2007 4:00	5.1	5.1	18.3	12.3
3/24/2007 5:00	6.9	6.9	20.8	16.9
3/24/2007 6:00	17.7	15.2	12.6	11.9
3/24/2007 7:00	16.3	14.1	27.7	18.6
3/24/2007 8:00	27.8	19.3	22.7	18.4
3/24/2007 9:00	33.4	18.1	13.7	13.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
3/24/2007 10:00	40.8	19.2	17.2	13.2
3/24/2007 11:00	41.8	20.0	26.7	16.1
3/24/2007 12:00	43.1	18.9	30.4	16.3
3/24/2007 13:00	32.7	14.5	24.8	13.1
3/24/2007 14:00	28.0	14.5	17.4	11.1
3/24/2007 15:00	36.4	20.2	32.4	19.6
3/24/2007 16:00	21.6	13.0	23.5	14.8
3/24/2007 17:00	17.9	11.6	16.3	12.1
3/24/2007 18:00	15.9	12.2	15.3	10.6
3/24/2007 19:00	18.1	15.0	20.6	15.2
3/24/2007 20:00	29.4	22.8	33.9	26.5
3/24/2007 21:00	41.1	31.7	73.1	43.6
3/24/2007 22:00	28.8	28.6	55.4	34.9
3/24/2007 23:00	6.5	6.5	14.8	10.3
3/25/2007 0:00	3.6	3.6	8.7	5.8
3/25/2007 1:00	4.7	4.7	10.4	7.0
3/25/2007 2:00	30.3	22.2	31.7	18.2
3/25/2007 3:00	16.2	16.2	26.3	18.1
3/25/2007 4:00	23.0	18.0	29.2	20.2
3/25/2007 5:00	9.1	9.1	15.8	11.2
3/25/2007 6:00	9.3	9.3	15.4	12.0
3/25/2007 7:00	8.1	8.1	14.1	10.9
3/25/2007 8:00	7.1	7.1	14.1	9.7
3/25/2007 9:00	9.0	8.6	18.8	11.3
3/25/2007 10:00	6.8	6.2	14.1	9.6
3/25/2007 11:00	13.2	10.1	12.0	9.6
3/25/2007 12:00	6.8	6.0	10.7	8.8
3/25/2007 13:00	7.0	6.1	9.2	7.7
3/25/2007 14:00	4.1	3.8	4.2	4.2
3/25/2007 15:00	5.0	4.7	8.1	6.9
3/25/2007 16:00	5.6	5.1	12.1	9.6
3/25/2007 17:00	5.8	5.4	15.5	11.4
3/25/2007 18:00	4.8	4.7	16.5	12.9
3/25/2007 19:00	4.5	4.5	21.3	15.7
3/25/2007 20:00	5.0	5.0	25.5	17.0
3/25/2007 21:00	5.9	5.9	24.7	16.6
3/25/2007 22:00	6.4	6.4	32.6	22.2
3/25/2007 23:00	9.1	9.1	43.5	26.2
3/26/2007 0:00	10.9	10.9	38.9	23.9
3/26/2007 1:00	13.8	13.8	36.2	22.6
3/26/2007 2:00	17.0	17.0	40.6	25.4
3/26/2007 3:00	16.7	16.5	61.1	29.0
3/26/2007 4:00	15.9	15.9	62.8	27.0
3/26/2007 5:00	11.7	11.7	11.4	8.8
3/26/2007 6:00	25.3	24.2	41.5	24.8
3/26/2007 7:00	15.2	15.1	54.7	26.5

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
3/26/2007 8:00	50.7	26.3	24.1	16.0
3/26/2007 9:00	51.7	25.4	11.5	11.5
3/26/2007 10:00	63.8	29.6	16.8	15.1
3/26/2007 11:00	33.5	15.1	10.7	9.0
3/26/2007 12:00	22.2	10.9	6.9	6.1
3/26/2007 13:00	21.4	10.3	6.2	5.6
3/26/2007 14:00	19.7	10.3	4.2	4.1
3/26/2007 15:00	20.3	10.8	3.2	3.2
3/26/2007 16:00	19.3	12.3	3.5	3.5
3/26/2007 17:00	20.1	11.6	4.6	4.6
3/26/2007 18:00	20.8	12.6	4.0	4.0
3/26/2007 19:00	29.1	17.4	4.7	4.7
3/26/2007 20:00	31.1	17.6	5.0	5.0
3/26/2007 21:00	40.1	24.4	6.9	6.9
3/26/2007 22:00	41.1	24.8	5.4	5.4
3/26/2007 23:00	48.3	27.6	10.6	10.6
3/27/2007 0:00	40.6	24.3	11.7	11.7
3/27/2007 1:00	23.6	15.8	7.2	7.2
3/27/2007 2:00	30.4	19.5	8.9	8.9
3/27/2007 3:00	38.9	24.1	9.9	9.9
3/27/2007 4:00	45.9	26.2	8.2	8.2
3/27/2007 5:00	79.2	28.3	13.6	11.0
3/27/2007 6:00	82.1	24.7	8.5	8.5
3/27/2007 7:00	70.3	21.8	20.4	12.3
3/27/2007 8:00	83.2	24.2	15.9	14.9
3/27/2007 9:00	95.9	25.6	24.4	15.8
3/27/2007 10:00	54.4	18.8	21.4	13.5
3/27/2007 11:00	44.0	18.9	15.7	11.1
3/27/2007 12:00	36.8	17.6	13.6	9.9
3/27/2007 13:00	31.5	16.1	9.7	7.8
3/27/2007 14:00	27.9	16.3	7.6	6.5
3/27/2007 15:00	27.7	16.1	4.9	4.6
3/27/2007 16:00	23.7	14.3	3.3	3.3
3/27/2007 17:00	14.9	12.6	25.0	14.2
3/27/2007 18:00	10.2	10.2	47.3	26.1
3/27/2007 19:00	11.8	11.8	48.3	22.8
3/27/2007 20:00	15.9	15.9	50.5	26.6
3/27/2007 21:00	13.7	13.7	56.0	23.4
3/27/2007 22:00	10.1	10.1	36.2	18.1
3/27/2007 23:00	6.2	6.2	24.3	12.6
3/28/2007 0:00	5.0	5.0	19.2	9.8
3/28/2007 1:00	5.2	5.2	9.3	5.2
3/28/2007 2:00	5.1	5.1	10.3	4.5
3/28/2007 3:00	5.0	5.0	12.6	8.0
3/28/2007 4:00	4.4	4.4	13.8	8.5
3/28/2007 5:00	4.1	4.1	12.0	6.5

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
3/28/2007 6:00	4.3	4.3	13.7	8.2
3/28/2007 7:00	5.6	5.6	18.8	10.2
3/28/2007 8:00	8.4	8.3	25.3	11.3
3/28/2007 9:00	7.7	7.4	33.5	13.7
3/28/2007 10:00	6.3	6.0	27.8	9.2
3/28/2007 11:00	5.1	4.3	27.1	9.5
3/28/2007 12:00	4.2	3.2	27.7	8.6
3/28/2007 13:00	2.5	2.1	31.0	9.6
3/28/2007 14:00	2.3	2.0	23.9	9.7
3/28/2007 15:00	2.7	2.5	35.5	12.1
3/28/2007 16:00	4.3	3.5	32.9	11.7
3/28/2007 17:00	4.9	4.1	33.2	14.0
3/28/2007 18:00	3.6	3.4	34.1	13.2
3/28/2007 19:00	3.2	3.2	30.4	11.1
3/28/2007 20:00	11.4	11.3	37.9	18.1
3/28/2007 21:00	9.3	9.3	40.6	18.6
3/28/2007 22:00	4.6	4.6	27.1	10.8
3/28/2007 23:00	4.0	4.0	17.5	6.9
3/29/2007 0:00	3.0	3.0	14.1	6.4
3/29/2007 1:00	1.2	1.2	9.2	3.9
3/29/2007 2:00	2.2	2.2	9.6	4.9
3/29/2007 3:00	0.8	0.8	8.9	3.5
3/29/2007 4:00	1.2	1.2	9.8	4.2
3/29/2007 5:00	1.2	1.2	11.4	5.2
3/29/2007 6:00	1.8	1.8	14.4	6.8
3/29/2007 7:00	2.6	2.6	17.4	8.2
3/29/2007 8:00	3.5	3.5	22.9	9.5
3/29/2007 9:00	5.0	4.4	24.9	10.6
3/29/2007 10:00	3.0	2.5	25.4	10.3
3/29/2007 11:00	2.2	1.6	34.6	13.1
3/29/2007 12:00	1.8	1.2	24.5	9.0
3/29/2007 13:00	1.1	0.9	28.0	10.8
3/29/2007 14:00	0.9	0.7	25.1	8.7
3/29/2007 15:00	0.6	0.6	26.5	9.8
3/29/2007 16:00	1.7	1.4	30.4	11.7
3/29/2007 17:00	1.0	1.0	31.0	13.4
3/29/2007 18:00	1.1	1.1	25.3	11.0
3/29/2007 19:00	1.2	1.2	31.9	14.0
3/29/2007 20:00	4.3	4.3	38.1	18.8
3/29/2007 21:00	4.4	4.4	64.7	26.6
3/29/2007 22:00	5.1	5.1	90.4	33.8
3/29/2007 23:00	8.0	8.0	64.4	30.6
3/30/2007 0:00	8.2	8.2	31.4	18.0
3/30/2007 1:00	8.9	8.9	31.8	16.9
3/30/2007 2:00	8.5	8.5	26.3	14.7
3/30/2007 3:00	6.4	6.4	33.7	18.5

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
3/30/2007 4:00	6.0	6.0	34.6	18.5
3/30/2007 5:00	9.3	9.3	34.2	18.1
3/30/2007 6:00	12.4	12.4	38.7	20.1
3/30/2007 7:00	10.8	10.7	56.5	26.3
3/30/2007 8:00	31.8	24.5	82.3	30.7
3/30/2007 9:00	58.0	30.1	106.6	36.9
3/30/2007 10:00	49.2	26.9	86.4	32.3
3/30/2007 11:00	35.8	20.7	61.3	24.4
3/30/2007 12:00	24.6	15.3	48.5	17.7
3/30/2007 13:00	16.0	10.6	51.9	19.3
3/30/2007 14:00	15.6	10.6	43.7	21.0
3/30/2007 15:00	15.2	11.4	46.7	20.8
3/30/2007 16:00	20.7	15.7	47.8	25.1
3/30/2007 17:00	20.9	16.2	48.1	24.0
3/30/2007 18:00	13.4	11.7	42.8	22.1
3/30/2007 19:00	12.4	12.0	47.2	24.6
3/30/2007 20:00	14.1	14.1	38.1	21.4
3/30/2007 21:00	8.9	8.9	29.3	16.2
3/30/2007 22:00	8.2	8.2	30.4	17.8
3/30/2007 23:00	17.6	17.6	33.6	21.4
3/31/2007 0:00	15.9	15.9	31.8	18.1
3/31/2007 1:00	13.5	13.5	24.3	16.5
3/31/2007 2:00	14.3	14.3	28.8	18.3
3/31/2007 3:00	9.1	9.1	17.4	11.7
3/31/2007 4:00	6.1	6.1	12.6	9.0
3/31/2007 5:00	7.8	7.8	13.6	8.9
3/31/2007 6:00	10.0	10.0	13.5	9.7
3/31/2007 7:00	11.7	11.7	18.6	11.7
3/31/2007 8:00	13.3	13.3	23.3	13.0
3/31/2007 9:00	13.1	12.4	25.8	13.0
3/31/2007 10:00	9.6	8.9	24.9	14.3
3/31/2007 11:00	8.5	7.5	26.3	15.3
3/31/2007 12:00	8.3	7.4	25.6	13.6
3/31/2007 13:00	7.1	5.9	24.7	12.8
3/31/2007 14:00	4.8	3.9	16.8	7.7
3/31/2007 15:00	3.9	3.4	17.2	8.2
3/31/2007 16:00	2.8	2.7	16.0	8.5
3/31/2007 17:00	2.6	2.6	15.3	8.5
3/31/2007 18:00	2.3	2.3	12.4	7.9
3/31/2007 19:00	3.2	3.2	12.3	7.7
3/31/2007 20:00	2.5	2.5	13.9	9.1
3/31/2007 21:00	2.9	2.9	11.2	6.9
3/31/2007 22:00	3.0	3.0	13.0	7.8
3/31/2007 23:00	4.0	4.0	11.3	8.0
4/1/2007 0:00	3.4	3.4	11.1	7.5
4/1/2007 1:00	3.8	3.8	8.2	5.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
4/1/2007 2:00	3.3	3.3	10.2	7.3
4/1/2007 3:00	3.4	3.4	7.5	6.7
4/1/2007 4:00	5.2	5.0	9.6	8.2
4/1/2007 5:00	7.2	6.8	13.2	9.5
4/1/2007 6:00	8.9	8.6	13.2	10.8
4/1/2007 7:00	8.9	8.9	13.3	11.0
4/1/2007 8:00	11.0	10.2	16.2	13.2
4/1/2007 9:00	21.9	17.6	19.8	15.2
4/1/2007 10:00	30.5	16.6	9.8	8.4
4/1/2007 11:00	21.4	11.2	6.9	5.8
4/1/2007 12:00	15.7	7.6	5.7	4.6
4/1/2007 13:00	15.5	8.7	6.8	5.6
4/1/2007 14:00	14.4	8.5	6.2	5.4
4/1/2007 15:00	13.7	8.6	5.6	5.3
4/1/2007 16:00	16.4	10.6	4.5	4.6
4/1/2007 17:00	16.1	10.1	4.2	4.2
4/1/2007 18:00	19.8	11.5	4.0	4.0
4/1/2007 19:00	16.8	9.1	3.5	3.5
4/1/2007 20:00	21.3	13.7	5.7	5.7
4/1/2007 21:00	15.1	9.8	3.9	3.9
4/1/2007 22:00	18.4	11.5	3.6	3.6
4/1/2007 23:00	14.9	10.5	9.3	9.3
4/2/2007 0:00	16.3	12.2	10.0	10.0
4/2/2007 1:00	6.3	4.7	4.0	4.0
4/2/2007 2:00	3.5	2.5	2.7	2.7
4/2/2007 3:00	6.9	3.8	3.0	3.0
4/2/2007 4:00	5.3	3.4	2.7	2.7
4/2/2007 5:00	10.4	6.0	3.1	3.1
4/2/2007 6:00	10.8	5.6	3.1	3.1
4/2/2007 7:00	13.8	6.7	3.1	3.1
4/2/2007 8:00	24.0	12.1	5.2	5.2
4/2/2007 9:00	24.2	11.5	6.2	6.2
4/2/2007 10:00	18.6	7.3	4.4	4.1
4/2/2007 11:00	15.1	5.7	3.7	3.4
4/2/2007 12:00	19.0	8.3	4.5	4.0
4/2/2007 13:00	17.6	8.1	4.5	4.1
4/2/2007 14:00	17.8	8.0	3.8	3.7
4/2/2007 15:00	12.9	5.9	3.4	3.4
4/2/2007 16:00	16.5	7.4	3.5	3.6
4/2/2007 17:00	15.9	7.4	3.9	4.0
4/2/2007 18:00	17.5	9.4	4.0	4.0
4/2/2007 19:00	24.9	12.7	4.6	4.6
4/2/2007 20:00	23.2	13.8	4.3	4.3
4/2/2007 21:00	46.7	30.5	17.3	14.6
4/2/2007 22:00	66.0	40.7	57.2	40.0
4/2/2007 23:00	65.0	41.6	78.5	43.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
4/3/2007 0:00	61.5	39.8	63.7	36.5
4/3/2007 1:00	24.6	24.0	59.8	33.4
4/3/2007 2:00	24.5	21.1	59.9	32.6
4/3/2007 3:00	13.9	13.8	33.6	20.1
4/3/2007 4:00	8.3	8.3	27.8	16.5
4/3/2007 5:00	10.0	10.0	30.5	15.9
4/3/2007 6:00	5.4	5.4	32.4	17.4
4/3/2007 7:00	5.7	5.7	42.4	18.8
4/3/2007 8:00	7.1	7.1	46.4	23.1
4/3/2007 9:00	10.6	9.4	34.3	16.5
4/3/2007 10:00	4.5	4.1	27.7	13.7
4/3/2007 11:00	3.2	2.6	21.3	11.1
4/3/2007 12:00	2.9	2.4	19.3	10.7
4/3/2007 13:00	4.5	3.5	16.3	9.9
4/3/2007 14:00	outlier removed		31.9	16.5
4/3/2007 15:00	8.1	6.3	outlier removed	outlier removed
4/3/2007 16:00	8.2	6.2	33.7	18.0
4/3/2007 17:00	6.3	5.3	29.6	18.2
4/3/2007 18:00	7.5	6.9	50.0	25.6
4/3/2007 19:00	12.7	12.4	74.5	34.7
4/3/2007 20:00	14.7	14.5	78.8	36.5
4/3/2007 21:00	26.8	25.5	63.1	32.3
4/3/2007 22:00	24.5	23.2	13.3	13.2
4/3/2007 23:00	30.9	22.4	6.5	6.5
4/4/2007 0:00	16.9	14.7	2.6	2.6
4/4/2007 1:00	17.6	12.4	2.9	2.9
4/4/2007 2:00	19.4	12.9	4.2	4.2
4/4/2007 3:00	11.2	6.8	3.4	3.4
4/4/2007 4:00	7.0	3.7	2.2	2.2
4/4/2007 5:00	10.4	5.4	3.1	3.1
4/4/2007 6:00	8.5	3.7	2.4	2.4
4/4/2007 7:00	10.6	3.7	2.3	2.3
4/4/2007 8:00	12.2	3.7	1.9	1.9
4/4/2007 9:00	14.4	4.3	1.5	1.5
4/4/2007 10:00	16.1	4.1	1.4	1.4
4/4/2007 11:00	15.5	3.7	0.9	0.9
4/4/2007 12:00	12.7	1.7	0.5	0.5
4/4/2007 13:00	15.6	2.7	0.6	0.5
4/4/2007 14:00	18.3	3.8	1.6	1.4
4/4/2007 15:00	14.1	2.2	1.1	1.1
4/4/2007 16:00	18.0	3.6	2.1	1.6
4/4/2007 17:00	16.0	4.7	1.5	1.4
4/4/2007 18:00	12.2	2.5	2.0	2.0
4/4/2007 19:00	17.7	5.3	1.6	1.6
4/4/2007 20:00	15.7	3.4	1.6	1.6
4/4/2007 21:00	13.8	4.0	1.8	1.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
4/4/2007 22:00	12.6	4.0	1.6	1.6
4/4/2007 23:00	15.6	5.1	1.8	1.8
4/5/2007 0:00	11.0	4.6	1.6	1.6
4/5/2007 1:00	12.9	7.0	9.2	8.0
4/5/2007 2:00	21.1	16.1	9.9	9.9
4/5/2007 3:00	17.0	12.0	7.3	7.3
4/5/2007 4:00	11.1	7.7	1.8	1.8
4/5/2007 5:00	16.4	9.9	3.6	3.6
4/5/2007 6:00	22.1	14.3	2.3	2.3
4/5/2007 7:00	20.2	11.9	3.6	3.6
4/5/2007 8:00	31.5	17.6	3.9	3.9
4/5/2007 9:00	28.4	14.9	13.4	10.9
4/5/2007 10:00	19.9	7.9	14.7	9.5
4/5/2007 11:00	21.8	8.7	11.4	6.9
4/5/2007 12:00	25.6	10.2	9.1	5.9
4/5/2007 13:00	21.4	8.1	11.0	7.1
4/5/2007 14:00	20.7	8.7	8.8	5.4
4/5/2007 15:00	17.1	7.1	9.4	5.8
4/5/2007 16:00	19.5	7.7	3.9	3.6
4/5/2007 17:00	23.5	10.4	4.1	3.6
4/5/2007 18:00	22.0	11.0	11.6	8.9
4/5/2007 19:00	19.1	9.6	10.0	9.0
4/5/2007 20:00	15.6	7.4	13.8	10.7
4/5/2007 21:00	22.8	12.0	19.2	14.8
4/5/2007 22:00	26.0	15.7	10.1	10.1
4/5/2007 23:00	18.8	10.8	20.7	14.1
4/6/2007 0:00	20.2	12.9	20.8	14.0
4/6/2007 1:00	11.1	7.4	14.8	10.3
4/6/2007 2:00	4.2	1.8	4.9	3.8
4/6/2007 3:00	6.3	2.9	4.5	3.6
4/6/2007 4:00	4.8	2.4	4.2	3.4
4/6/2007 5:00	5.5	3.5	5.7	5.2
4/6/2007 6:00	4.2	2.2	5.1	5.1
4/6/2007 7:00	6.4	2.9	5.4	4.0
4/6/2007 8:00	8.7	3.9	6.3	5.0
4/6/2007 9:00	9.6	4.5	9.0	5.9
4/6/2007 10:00	17.2	7.9	9.8	7.1
4/6/2007 11:00	13.2	5.3	10.8	6.9
4/6/2007 12:00	16.2	6.9	8.6	5.3
4/6/2007 13:00	17.3	7.8	13.3	8.2
4/6/2007 14:00	16.3	7.2	8.4	5.5
4/6/2007 15:00	10.5	4.5	1.6	1.4
4/6/2007 16:00	9.2	3.2	1.0	1.0
4/6/2007 17:00	10.4	4.2	3.0	2.6
4/6/2007 18:00	17.5	8.6	6.5	5.6
4/6/2007 19:00	18.2	9.8	4.1	4.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
4/6/2007 20:00	21.9	13.5	7.5	7.4
4/6/2007 21:00	20.5	13.9	11.6	11.4
4/6/2007 22:00	9.4	5.9	9.6	7.6
4/6/2007 23:00	8.1	4.7	7.4	5.8
4/7/2007 0:00	6.4	3.6	6.8	5.7
4/7/2007 1:00	3.1	1.6	4.3	3.0
4/7/2007 2:00	8.4	5.6	7.0	6.2
4/7/2007 3:00	6.4	4.9	4.9	4.9
4/7/2007 4:00	7.7	5.8	5.4	5.4
4/7/2007 5:00	8.0	6.1	9.2	9.2
4/7/2007 6:00	10.7	7.6	3.6	3.6
4/7/2007 7:00	6.0	3.4	2.6	2.6
4/7/2007 8:00	7.7	3.7	2.7	2.7
4/7/2007 9:00	8.6	3.0	2.2	2.2
4/7/2007 10:00	6.6	1.5	2.0	1.7
4/7/2007 11:00	6.4	1.2	1.1	0.9
4/7/2007 12:00	6.5	0.8	0.4	0.4
4/7/2007 13:00	16.4	5.5	6.1	3.5
4/7/2007 14:00	8.1	1.7	4.7	1.8
4/7/2007 15:00	7.1	0.9	5.6	2.4
4/7/2007 16:00	12.3	4.2	4.5	2.9
4/7/2007 17:00	14.1	5.8	10.7	6.0
4/7/2007 18:00	13.6	4.6	4.7	3.2
4/7/2007 19:00	14.2	6.1	5.8	4.7
4/7/2007 20:00	17.7	9.8	9.7	8.6
4/7/2007 21:00	10.1	5.1	4.5	4.5
4/7/2007 22:00	7.7	3.1	3.2	3.2
4/7/2007 23:00	5.8	2.5	2.7	2.7
4/8/2007 0:00	4.2	1.4	2.7	2.7
4/8/2007 1:00	2.8	1.2	2.5	2.5
4/8/2007 2:00	3.5	1.9	1.5	1.5
4/8/2007 3:00	1.6	0.8	1.9	1.9
4/8/2007 4:00	2.2	1.5	1.9	1.9
4/8/2007 5:00	2.2	1.5	1.9	1.9
4/8/2007 6:00	2.2	0.5	0.9	0.9
4/8/2007 7:00	4.3	2.0	1.5	1.5
4/8/2007 8:00	4.6	2.0	2.7	2.7
4/8/2007 9:00	10.3	6.0	4.5	4.5
4/8/2007 10:00	6.6	2.6	3.4	2.5
4/8/2007 11:00	6.6	2.7	5.1	3.1
4/8/2007 12:00	13.3	5.8	5.2	4.1
4/8/2007 13:00	15.3	6.6	5.9	3.9
4/8/2007 14:00	14.5	6.5	4.1	3.0
4/8/2007 15:00	12.1	5.3	7.5	5.5
4/8/2007 16:00	15.0	6.6	8.9	7.0
4/8/2007 17:00	14.2	7.7	10.8	8.5

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
4/8/2007 18:00	18.7	9.8	13.6	9.3
4/8/2007 19:00	17.7	11.0	17.3	11.3
4/8/2007 20:00	20.1	14.1	25.9	16.4
4/8/2007 21:00	8.6	8.6	35.1	21.4
4/8/2007 22:00	18.9	13.6	35.7	24.1
4/8/2007 23:00	35.8	18.3	7.9	7.9
4/9/2007 0:00	20.0	12.5	9.6	8.6
4/9/2007 1:00	9.6	4.9	4.1	4.1
4/9/2007 2:00	9.2	4.3	1.3	1.3
4/9/2007 3:00	9.2	5.1	1.2	1.2
4/9/2007 4:00	16.2	10.1	4.5	4.5
4/9/2007 5:00	23.3	12.8	3.1	3.1
4/9/2007 6:00	14.7	10.1	8.4	7.1
4/9/2007 7:00	21.4	13.9	17.9	12.6
4/9/2007 8:00	33.6	19.3	25.9	17.6
4/9/2007 9:00	30.7	16.2	21.8	12.5
4/9/2007 10:00	20.7	11.3	25.5	13.3
4/9/2007 11:00	25.7	12.8	24.6	13.3
4/9/2007 12:00	31.4	14.7	17.9	11.1
4/9/2007 13:00	19.6	7.7	6.8	5.2
4/9/2007 14:00	19.8	7.4	3.8	3.1
4/9/2007 15:00	12.3	5.3	6.2	4.4
4/9/2007 16:00	22.5	9.3	4.3	3.9
4/9/2007 17:00	21.0	8.6	4.8	4.5
4/9/2007 18:00	24.5	12.3	4.6	4.5
4/9/2007 19:00	29.1	13.0	5.2	5.1
4/9/2007 20:00	31.3	16.2	6.5	6.5
4/9/2007 21:00	32.4	16.7	5.8	5.8
4/9/2007 22:00	30.1	15.8	5.6	5.6
4/9/2007 23:00	40.1	19.2	3.7	3.7
4/10/2007 0:00	31.5	15.7	2.3	2.3
4/10/2007 1:00	31.9	16.8	2.5	2.5
4/10/2007 2:00	35.2	18.3	4.3	4.3
4/10/2007 3:00	29.1	18.3	7.4	7.4
4/10/2007 4:00	58.2	29.9	25.0	21.0
4/10/2007 5:00	63.2	30.0	18.6	17.6
4/10/2007 6:00	95.2	30.0	24.5	22.0
4/10/2007 7:00	108.6	35.3	96.2	34.6
4/10/2007 8:00	101.7	34.7	89.3	34.2
4/10/2007 9:00	93.5	32.6	76.9	31.3
4/10/2007 10:00	48.8	23.6	59.1	25.5
4/10/2007 11:00	36.9	19.8	40.4	21.2
4/10/2007 12:00	25.1	14.0	30.1	17.0
4/10/2007 13:00	24.0	13.5	30.8	15.9
4/10/2007 14:00	22.9	12.5	13.2	10.1
4/10/2007 15:00	18.7	12.0	29.9	17.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
4/10/2007 16:00	27.1	14.4	11.2	8.6
4/10/2007 17:00	23.6	13.7	5.6	5.5
4/10/2007 18:00	5.9	4.6	5.7	5.5
4/10/2007 19:00	15.8	10.6	4.4	4.4
4/10/2007 20:00	9.9	8.0	3.6	3.6
4/10/2007 21:00	12.2	12.0	12.8	9.8
4/10/2007 22:00	15.7	15.5	25.1	16.4
4/10/2007 23:00	8.2	8.2	84.2	38.8
4/11/2007 0:00	16.0	16.0	58.3	31.8
4/11/2007 1:00	14.7	14.7	34.9	20.0
4/11/2007 2:00	3.4	3.4	22.7	13.3
4/11/2007 3:00	2.0	2.0	14.9	7.4
4/11/2007 4:00	1.3	1.3	11.3	5.4
4/11/2007 5:00	1.2	1.2	19.7	9.6
4/11/2007 6:00	1.9	1.9	24.8	13.8
4/11/2007 7:00	2.1	2.1	20.4	8.1
4/11/2007 8:00	1.2	1.2	19.7	7.6
4/11/2007 9:00	2.1	2.1	27.0	10.9
4/11/2007 10:00	3.2	3.0	28.8	12.3
4/11/2007 11:00	6.0	4.8	34.6	12.4
4/11/2007 12:00	4.0	3.3	34.1	13.9
4/11/2007 13:00	3.9	3.3	24.5	9.1
4/11/2007 14:00	6.0	5.2	28.5	12.5
4/11/2007 15:00	7.8	6.9	34.1	16.2
4/11/2007 16:00	5.1	4.4	30.9	12.2
4/11/2007 17:00	4.6	4.4	32.8	14.8
4/11/2007 18:00	4.7	4.7	33.6	14.2
4/11/2007 19:00	4.8	4.8	30.7	14.4
4/11/2007 20:00	5.8	5.8	29.2	15.9
4/11/2007 21:00	7.1	7.1	24.7	13.6
4/11/2007 22:00	5.5	5.5	18.1	9.8
4/11/2007 23:00	5.7	5.7	18.1	8.9
4/12/2007 0:00	4.5	4.5	22.0	11.9
4/12/2007 1:00	3.2	3.2	25.4	16.2
4/12/2007 2:00	10.1	7.0	4.9	4.9
4/12/2007 3:00	14.1	9.5	7.5	7.5
4/12/2007 4:00	14.1	9.4	3.6	3.6
4/12/2007 5:00	13.6	6.9	3.5	3.5
4/12/2007 6:00	17.3	8.2	3.1	3.1
4/12/2007 7:00	17.4	8.2	3.4	3.4
4/12/2007 8:00	28.7	13.1	5.1	5.1
4/12/2007 9:00	29.0	12.7	4.8	4.8
4/12/2007 10:00	23.0	9.1	5.1	5.1
4/12/2007 11:00	20.8	7.4	3.6	3.6
4/12/2007 12:00	25.0	10.1	4.6	4.6
4/12/2007 13:00	24.4	9.0	3.5	3.5

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
4/12/2007 14:00	22.4	7.2	3.7	3.6
4/12/2007 15:00	23.7	8.2	5.1	4.5
4/12/2007 16:00	24.8	8.6	5.0	5.0
4/12/2007 17:00	20.5	9.2	4.8	4.8
4/12/2007 18:00	16.6	6.9	4.5	4.5
4/12/2007 19:00	22.2	8.8	3.1	3.1
4/12/2007 20:00	24.6	10.2	3.8	3.8
4/12/2007 21:00	17.0	7.1	2.9	2.9
4/12/2007 22:00	13.5	5.6	2.5	2.5
4/12/2007 23:00	12.5	4.4	2.7	2.7
4/13/2007 0:00	13.3	6.1	2.6	2.6
4/13/2007 1:00	9.5	4.9	2.4	2.4
4/13/2007 2:00	8.2	3.3	1.9	1.9
4/13/2007 3:00	6.5	2.7	2.1	2.1
4/13/2007 4:00	5.0	1.7	1.5	1.5
4/13/2007 5:00	10.0	4.9	2.5	2.5
4/13/2007 6:00	11.3	5.6	2.3	2.3
4/13/2007 7:00	21.1	10.0	3.9	3.9
4/13/2007 8:00	23.7	10.5	7.7	7.7
4/13/2007 9:00	19.2	8.1	7.0	6.0
4/13/2007 10:00	26.9	12.5	10.1	6.8
4/13/2007 11:00	24.7	11.0	14.4	8.9
4/13/2007 12:00	14.3	5.5	12.9	7.1
4/13/2007 13:00	13.5	4.9	10.6	5.9
4/13/2007 14:00	15.1	5.7	6.4	4.4
4/13/2007 15:00	14.9	6.8	8.8	5.9
4/13/2007 16:00	15.9	7.8	7.4	5.4
4/13/2007 17:00	16.4	8.3	9.7	7.0
4/13/2007 18:00	13.5	6.4	10.9	8.0
4/13/2007 19:00	14.3	8.3	11.1	8.8
4/13/2007 20:00	24.4	15.5	20.9	16.2
4/13/2007 21:00	38.3	27.3	40.2	29.0
4/13/2007 22:00	58.6	38.0	56.5	38.3
4/13/2007 23:00	49.7	34.6	57.1	37.6
4/14/2007 0:00	69.1	42.4	86.0	43.5
4/14/2007 1:00	58.9	43.2	125.1	48.9
4/14/2007 2:00	152.4	50.3	84.3	46.6
4/14/2007 3:00	128.0	43.6	112.3	45.6
4/14/2007 4:00	72.9	39.4	117.2	42.8
4/14/2007 5:00	165.6	43.7	132.6	40.7
4/14/2007 6:00	168.4	41.3	162.3	40.7
4/14/2007 7:00	85.2	37.1	118.3	42.5
4/14/2007 8:00	181.7	41.9	100.4	39.5
4/14/2007 9:00	116.9	33.7	73.3	38.7
4/14/2007 10:00	11.2	9.8	33.7	17.3
4/14/2007 11:00	6.0	5.1	28.2	13.0

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
4/14/2007 12:00	3.5	2.8	24.5	12.0
4/14/2007 13:00	1.0	0.7	23.7	11.4
4/14/2007 14:00	2.4	1.7	26.8	11.7
4/14/2007 15:00	5.3	4.0	21.4	10.5
4/14/2007 16:00	6.8	5.9	23.2	12.9
4/14/2007 17:00	8.2	7.4	27.5	15.0
4/14/2007 18:00	11.5	10.8	36.2	19.9
4/14/2007 19:00	7.7	7.7	19.7	11.8
4/14/2007 20:00	8.2	8.2	19.8	13.3
4/14/2007 21:00	7.7	7.7	18.3	12.1
4/14/2007 22:00	9.5	9.5	21.5	14.7
4/14/2007 23:00	10.4	10.4	18.0	12.7
4/15/2007 0:00	7.5	7.5	14.6	10.9
4/15/2007 1:00	6.4	6.4	13.3	9.6
4/15/2007 2:00	3.8	3.8	8.7	6.5
4/15/2007 3:00	3.7	3.7	6.3	6.0
4/15/2007 4:00	3.2	3.2	8.5	7.8
4/15/2007 5:00	3.3	3.3	7.8	6.9
4/15/2007 6:00	3.4	3.4	8.5	7.5
4/15/2007 7:00	3.0	3.0	11.8	9.2
4/15/2007 8:00	3.7	3.3	11.4	8.3
4/15/2007 9:00	3.6	2.8	13.9	8.7
4/15/2007 10:00	2.2	1.0	11.2	5.3
4/15/2007 11:00	outlier removed	outlier removed	7.4	3.5
4/15/2007 12:00	outlier removed	outlier removed	8.0	2.9
4/15/2007 13:00	outlier removed	outlier removed	8.1	2.9
4/15/2007 14:00	0.0	outlier removed	7.1	2.9
4/15/2007 15:00	0.0	outlier removed	7.2	3.3
4/15/2007 16:00	0.0	outlier removed	8.8	4.1
4/15/2007 17:00	outlier removed	outlier removed	10.8	4.8
4/15/2007 18:00	0.0	outlier removed	9.5	4.5
4/15/2007 19:00	outlier removed	outlier removed	9.4	4.8
4/15/2007 20:00	0.0	outlier removed	12.4	6.1
4/15/2007 21:00	0.0	outlier removed	10.8	6.3
4/15/2007 22:00	0.7	0.7	12.6	7.5
4/15/2007 23:00	3.3	3.3	11.1	6.7
4/16/2007 0:00	2.0	2.0	7.6	4.8
4/16/2007 1:00	3.6	3.6	9.8	6.5
4/16/2007 2:00	5.1	4.8	10.5	7.8
4/16/2007 3:00	9.6	8.4	7.8	6.6
4/16/2007 4:00	11.4	8.7	11.2	8.5
4/16/2007 5:00	10.7	9.2	10.2	7.1
4/16/2007 6:00	12.7	10.4	10.9	7.7
4/16/2007 7:00	17.1	12.1	17.7	12.0
4/16/2007 8:00	23.6	15.8	20.9	14.4
4/16/2007 9:00	24.3	14.0	24.7	13.4

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
4/16/2007 10:00	22.7	11.3	20.8	11.2
4/16/2007 11:00	17.2	8.1	17.3	9.5
4/16/2007 12:00	13.8	5.9	15.4	7.4
4/16/2007 13:00	10.4	4.8	14.8	6.6
4/16/2007 14:00	5.6	2.5	12.3	5.1
4/16/2007 15:00	6.9	3.2	13.8	5.9
4/16/2007 16:00	6.2	2.7	13.5	5.7
4/16/2007 17:00	14.0	7.5	15.7	6.4
4/16/2007 18:00	4.1	2.1	17.8	7.6
4/16/2007 19:00	5.5	3.7	15.9	7.6
4/16/2007 20:00	4.1	3.0	15.4	7.5
4/16/2007 21:00	0.0	0.0	16.8	6.9
4/16/2007 22:00	3.3	3.3	21.5	10.3
4/16/2007 23:00	1.0	1.0	16.1	8.4
4/17/2007 0:00	33.2	23.0	31.2	23.3
4/17/2007 1:00	26.3	18.1	32.7	24.0
4/17/2007 2:00	17.1	13.8	20.6	15.6
4/17/2007 3:00	28.4	20.8	34.9	23.7
4/17/2007 4:00	19.8	17.5	22.1	14.8
4/17/2007 5:00	13.8	11.3	16.5	11.5
4/17/2007 6:00	44.9	31.6	36.6	23.6
4/17/2007 7:00	88.4	39.9	80.3	41.2
4/17/2007 8:00	120.0	42.7	95.7	42.2
4/17/2007 9:00	74.7	34.3	75.6	34.8
4/17/2007 10:00	32.4	18.1	46.1	23.0
4/17/2007 11:00	24.8	13.3	33.8	17.4
4/17/2007 12:00	19.7	10.3	26.1	13.8
4/17/2007 13:00	outlier removed	outlier removed	24.2	10.5
4/17/2007 14:00	5.0	3.6	outlier removed	outlier removed
4/17/2007 15:00	8.6	5.8	28.1	14.3
4/17/2007 16:00	10.6	7.4	32.3	16.8
4/17/2007 17:00	17.3	10.9	26.6	14.1
4/17/2007 18:00	4.9	4.3	43.8	20.1
4/17/2007 19:00	9.3	8.7	48.1	23.9
4/17/2007 20:00	8.9	8.7	35.7	17.1
4/17/2007 21:00	6.3	6.3	34.0	15.1
4/17/2007 22:00	3.2	3.2	24.3	10.4
4/17/2007 23:00	3.2	3.2	23.9	12.8
4/18/2007 0:00	4.2	4.2	23.9	13.3
4/18/2007 1:00	3.6	3.6	26.2	14.9
4/18/2007 2:00	7.1	7.1	15.0	9.8
4/18/2007 3:00	8.7	8.7	19.4	12.2
4/18/2007 4:00	10.4	10.4	20.7	14.7
4/18/2007 5:00	9.8	9.8	27.5	17.1
4/18/2007 6:00	9.9	9.9	29.4	18.8
4/18/2007 7:00	8.3	8.3	35.1	18.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
4/18/2007 8:00	10.8	10.6	47.4	21.7
4/18/2007 9:00	16.3	14.5	53.0	22.3
4/18/2007 10:00	10.0	8.6	51.4	20.9
4/18/2007 11:00	10.3	8.2	49.5	16.2
4/18/2007 12:00	12.3	8.5	45.8	17.1
4/18/2007 13:00	7.1	4.9	41.4	17.4
4/18/2007 14:00	3.7	3.1	41.8	18.4
4/18/2007 15:00	3.9	3.1	37.0	17.3
4/18/2007 16:00	5.1	3.9	41.4	13.0
4/18/2007 17:00	3.7	3.3	43.0	16.2
4/18/2007 18:00	3.3	3.1	41.2	17.2
4/18/2007 19:00	3.9	3.9	44.1	16.7
4/18/2007 20:00	5.7	5.7	42.7	15.7
4/18/2007 21:00	7.0	6.8	60.1	21.8
4/18/2007 22:00	11.1	11.1	51.0	20.8
4/18/2007 23:00	13.4	13.4	39.8	18.5
4/19/2007 0:00	13.6	13.6	30.8	18.9
4/19/2007 1:00	7.6	7.6	26.0	13.9
4/19/2007 2:00	7.4	7.2	25.0	13.8
4/19/2007 3:00	8.5	8.5	22.9	13.0
4/19/2007 4:00	10.5	10.5	22.6	13.9
4/19/2007 5:00	12.0	12.1	31.2	19.7
4/19/2007 6:00	13.3	13.2	34.7	20.8
4/19/2007 7:00	14.1	14.1	38.8	20.8
4/19/2007 8:00	18.1	16.4	42.9	21.2
4/19/2007 9:00	13.7	10.8	39.8	17.3
4/19/2007 10:00	12.1	8.7	38.6	15.2
4/19/2007 11:00	8.4	6.0	37.1	13.9
4/19/2007 12:00	5.4	4.0	35.8	13.1
4/19/2007 13:00	3.2	2.5	35.5	15.0
4/19/2007 14:00	5.5	4.1	31.5	14.5
4/19/2007 15:00	3.9	3.2	33.4	15.1
4/19/2007 16:00	4.1	3.4	30.8	14.6
4/19/2007 17:00	3.7	3.0	37.0	14.9
4/19/2007 18:00	4.6	3.8	34.2	15.1
4/19/2007 19:00	9.1	7.8	41.3	19.4
4/19/2007 20:00	7.6	7.1	43.6	21.8
4/19/2007 21:00	9.3	9.1	59.8	33.3
4/19/2007 22:00	9.8	9.8	57.9	31.2
4/19/2007 23:00	6.1	6.1	40.2	20.9
4/20/2007 0:00	31.6	17.8	67.5	33.9
4/20/2007 1:00	56.5	28.2	92.6	42.6
4/20/2007 2:00	15.9	15.8	52.5	30.9
4/20/2007 3:00	23.8	20.7	44.2	27.5
4/20/2007 4:00	13.8	13.8	24.2	16.8
4/20/2007 5:00	11.9	11.8	30.7	19.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
4/20/2007 6:00	53.9	24.3	44.7	27.6
4/20/2007 7:00	91.8	37.1	110.2	40.6
4/20/2007 8:00	77.1	35.8	87.7	39.5
4/20/2007 9:00	61.6	34.9	80.7	36.7
4/20/2007 10:00	47.9	28.2	82.6	34.4
4/20/2007 11:00	42.8	25.4	64.0	31.1
4/20/2007 12:00	42.4	25.8	44.8	24.4
4/20/2007 13:00	11.0	8.2	35.6	17.4
4/20/2007 14:00	5.6	4.4	28.3	14.3
4/20/2007 15:00	3.0	2.5	28.1	11.4
4/20/2007 16:00	3.2	2.8	23.1	14.6
4/20/2007 17:00	2.6	2.6	29.6	16.1
4/20/2007 18:00	3.0	2.8	30.1	15.6
4/20/2007 19:00	3.3	3.0	32.1	18.0
4/20/2007 20:00	7.1	6.7	38.1	20.5
4/20/2007 21:00	31.5	26.0	20.6	14.6
4/20/2007 22:00	44.0	37.4	13.8	13.8
4/20/2007 23:00	42.8	37.7	129.5	47.5
4/21/2007 0:00	61.7	45.8	119.5	52.3
4/21/2007 1:00	121.8	52.3	183.5	53.4
4/21/2007 2:00	154.7	52.3	239.4	54.6
4/21/2007 3:00	138.5	51.3	152.7	45.1
4/21/2007 4:00	150.7	49.6	177.5	44.0
4/21/2007 5:00	135.9	43.6	189.7	40.8
4/21/2007 6:00	147.6	44.1	215.5	43.7
4/21/2007 7:00	101.0	42.2	176.6	43.5
4/21/2007 8:00	97.8	35.6	192.4	41.9
4/21/2007 9:00	128.8	40.1	161.5	45.5
4/21/2007 10:00	59.4	36.8	70.4	38.4
4/21/2007 11:00	46.8	31.7	52.6	32.7
4/21/2007 12:00	42.1	29.1	41.5	29.7
4/21/2007 13:00	26.4	18.3	19.0	15.5
4/21/2007 14:00	17.8	13.3	12.6	11.0
4/21/2007 15:00	17.2	12.1	6.7	6.5
4/21/2007 16:00	10.9	7.9	4.5	4.5
4/21/2007 17:00	12.9	8.5	4.4	4.4
4/21/2007 18:00	17.2	12.8	8.9	8.4
4/21/2007 19:00	23.3	17.8	8.9	8.6
4/21/2007 20:00	20.7	17.2	2.9	2.9
4/21/2007 21:00	17.5	16.1	4.5	4.5
4/21/2007 22:00	27.8	25.2	4.6	4.6
4/21/2007 23:00	38.3	32.1	4.0	4.0
4/22/2007 0:00	27.0	23.2	4.5	4.5
4/22/2007 1:00	38.3	32.9	9.4	9.4
4/22/2007 2:00	32.1	27.5	6.3	6.3
4/22/2007 3:00	19.1	18.0	6.7	6.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
4/22/2007 4:00	34.3	24.9	6.5	6.5
4/22/2007 5:00	26.8	23.1	7.9	7.9
4/22/2007 6:00	14.7	13.7	5.1	5.1
4/22/2007 7:00	21.0	19.0	5.7	5.7
4/22/2007 8:00	16.0	13.9	32.3	18.2
4/22/2007 9:00	23.8	15.9	6.8	6.4
4/22/2007 10:00	19.6	12.9	9.4	8.2
4/22/2007 11:00	21.4	15.0	14.6	12.1
4/22/2007 12:00	20.5	13.4	11.9	10.3
4/22/2007 13:00	20.2	13.9	9.8	9.0
4/22/2007 14:00	17.4	12.1	5.9	6.1
4/22/2007 15:00	15.7	11.6	8.0	7.9
4/22/2007 16:00	19.2	13.9	8.7	8.6
4/22/2007 17:00	14.2	10.5	3.7	3.7
4/22/2007 18:00	16.3	11.6	2.9	2.9
4/22/2007 19:00	17.6	14.4	2.9	2.9
4/22/2007 20:00	27.0	22.6	3.1	3.1
4/22/2007 21:00	34.1	30.8	4.1	4.1
4/22/2007 22:00	26.1	22.7	4.3	4.3
4/22/2007 23:00	35.9	31.7	3.5	3.5
4/23/2007 0:00	25.3	20.8	4.5	4.5
4/23/2007 1:00	16.9	14.4	5.3	5.3
4/23/2007 2:00	9.2	7.9	5.1	5.1
4/23/2007 3:00	11.0	9.4	4.3	4.3
4/23/2007 4:00	15.3	13.1	5.7	5.7
4/23/2007 5:00	20.5	17.2	6.1	6.1
4/23/2007 6:00	22.1	16.2	6.0	6.0
4/23/2007 7:00	24.7	14.9	5.0	5.0
4/23/2007 8:00	21.4	12.7	5.1	5.1
4/23/2007 9:00	22.2	12.9	5.2	5.2
4/23/2007 10:00	21.2	12.6	9.4	8.7
4/23/2007 11:00	16.2	8.7	6.6	6.4
4/23/2007 12:00	11.7	6.8	3.4	3.4
4/23/2007 13:00	12.6	6.0	3.2	3.2
4/23/2007 14:00	12.3	6.4	3.2	3.2
4/23/2007 15:00	13.6	7.1	3.2	3.2
4/23/2007 16:00	14.5	8.5	3.4	3.4
4/23/2007 17:00	15.4	9.8	3.7	3.7
4/23/2007 18:00	16.3	10.6	4.1	4.1
4/23/2007 19:00	19.1	12.0	4.3	4.3
4/23/2007 20:00	28.5	19.6	12.2	12.1
4/23/2007 21:00	22.7	16.8	22.0	19.0
4/23/2007 22:00	26.7	19.2	24.4	20.0
4/23/2007 23:00	21.1	17.7	21.9	15.1
4/24/2007 0:00	5.9	5.6	21.2	12.6
4/24/2007 1:00	7.2	6.8	17.4	11.4

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
4/24/2007 2:00	3.8	3.8	19.5	13.0
4/24/2007 3:00	5.3	5.3	13.3	8.7
4/24/2007 4:00	6.5	6.5	17.5	10.9
4/24/2007 5:00	15.7	9.2	43.7	23.7
4/24/2007 6:00	19.2	11.9	57.8	29.9
4/24/2007 7:00	9.8	9.5	83.0	29.0
4/24/2007 8:00	96.3	26.9	83.3	25.1
4/24/2007 9:00	27.8	17.4	42.2	22.4
4/24/2007 10:00	12.8	7.6	15.0	10.0
4/24/2007 11:00	9.4	6.3	16.4	9.6
4/24/2007 12:00	23.1	12.4	9.0	6.0
4/24/2007 13:00	9.5	5.8	3.5	3.6
4/24/2007 14:00	25.1	14.1	23.0	13.8
4/24/2007 15:00	32.2	20.1	47.4	26.3
4/24/2007 16:00	20.8	15.0	34.4	21.1
4/24/2007 17:00	15.9	10.5	11.7	9.1
4/24/2007 18:00	20.2	11.1	3.3	3.3
4/24/2007 19:00	25.1	14.2	3.1	3.1
4/24/2007 20:00	28.2	14.6	2.8	2.8
4/24/2007 21:00	9.9	8.8	3.2	3.2
4/24/2007 22:00	12.0	11.7	3.5	3.5
4/24/2007 23:00	14.2	13.9	3.2	3.2
4/25/2007 0:00	33.7	20.0	3.5	3.5
4/25/2007 1:00	17.5	14.7	46.5	26.3
4/25/2007 2:00	5.3	5.1	35.7	23.0
4/25/2007 3:00	7.4	7.3	31.3	19.6
4/25/2007 4:00	8.4	8.3	16.7	11.0
4/25/2007 5:00	7.2	7.2	17.0	9.4
4/25/2007 6:00	6.8	6.4	22.2	11.2
4/25/2007 7:00	12.9	12.4	35.0	19.1
4/25/2007 8:00	7.4	7.2	36.7	14.8
4/25/2007 9:00	5.0	4.7	33.9	14.7
4/25/2007 10:00	7.4	6.8	41.0	15.4
4/25/2007 11:00	6.6	6.1	31.8	12.0
4/25/2007 12:00	4.1	3.8	33.2	12.1
4/25/2007 13:00	4.7	4.1	29.1	11.7
4/25/2007 14:00	4.4	4.1	29.1	11.9
4/25/2007 15:00	4.5	4.1	34.8	16.3
4/25/2007 16:00	3.3	3.0	43.8	16.5
4/25/2007 17:00	3.3	3.1	43.6	17.8
4/25/2007 18:00	4.0	3.6	44.5	17.8
4/25/2007 19:00	3.0	3.0	33.1	17.1
4/25/2007 20:00	5.6	5.5	39.0	22.5
4/25/2007 21:00	12.1	11.6	46.7	25.7
4/25/2007 22:00	9.9	9.9	47.8	22.8
4/25/2007 23:00	5.3	5.2	31.9	16.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
4/26/2007 0:00	4.5	4.5	25.9	13.5
4/26/2007 1:00	3.9	3.9	21.7	12.9
4/26/2007 2:00	4.0	3.9	16.1	9.4
4/26/2007 3:00	2.8	2.6	16.1	8.7
4/26/2007 4:00	2.4	2.4	13.2	7.2
4/26/2007 5:00	2.7	2.7	16.0	8.9
4/26/2007 6:00	2.9	2.7	15.8	7.8
4/26/2007 7:00	3.4	3.4	22.3	10.3
4/26/2007 8:00	4.9	4.8	29.3	14.9
4/26/2007 9:00	5.3	5.0	30.3	13.7
4/26/2007 10:00	4.4	4.0	28.6	13.0
4/26/2007 11:00	6.2	5.8	34.2	18.2
4/26/2007 12:00	5.7	5.1	33.7	15.7
4/26/2007 13:00	6.9	5.5	33.0	14.6
4/26/2007 14:00	8.3	6.9	29.5	13.0
4/26/2007 15:00	8.3	6.9	29.8	16.4
4/26/2007 16:00	12.4	8.9	27.2	15.2
4/26/2007 17:00	15.0	11.8	33.0	18.7
4/26/2007 18:00	14.1	11.3	38.9	17.0
4/26/2007 19:00	12.5	11.9	44.6	21.3
4/26/2007 20:00	11.5	11.3	44.0	21.3
4/26/2007 21:00	14.3	12.6	28.2	16.1
4/26/2007 22:00	18.4	15.8	49.4	23.5
4/26/2007 23:00	13.6	13.4	57.4	28.4
4/27/2007 0:00	21.4	16.3	32.7	21.1
4/27/2007 1:00	38.8	25.4	7.2	7.2
4/27/2007 2:00	68.4	27.3	35.6	21.7
4/27/2007 3:00	21.1	13.0	4.2	4.2
4/27/2007 4:00	24.3	16.2	12.6	12.6
4/27/2007 5:00	30.1	18.2	10.9	10.9
4/27/2007 6:00	30.6	18.2	10.5	10.5
4/27/2007 7:00	39.9	20.9	11.6	11.6
4/27/2007 8:00	40.4	21.6	10.3	10.3
4/27/2007 9:00	41.3	23.6	7.7	7.7
4/27/2007 10:00	35.6	18.3	6.9	6.9
4/27/2007 11:00	32.6	15.6	11.6	10.1
4/27/2007 12:00	37.0	17.5	16.3	12.9
4/27/2007 13:00	33.5	12.9	16.6	12.2
4/27/2007 14:00	28.7	11.7	11.3	8.7
4/27/2007 15:00	30.4	12.7	12.2	9.8
4/27/2007 16:00	23.6	11.2	9.7	8.5
4/27/2007 17:00	22.6	9.9	8.2	7.7
4/27/2007 18:00	19.0	8.7	5.5	5.5
4/27/2007 19:00	19.3	10.4	5.3	5.3
4/27/2007 20:00	24.5	12.3	5.3	5.3
4/27/2007 21:00	22.8	11.8	6.1	6.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
4/27/2007 22:00	19.3	10.6	6.3	6.3
4/27/2007 23:00	21.7	13.2	6.5	6.5
4/28/2007 0:00	29.6	17.6	5.6	5.6
4/28/2007 1:00	16.6	9.8	4.5	4.5
4/28/2007 2:00	11.4	7.4	3.3	3.3
4/28/2007 3:00	10.0	7.1	3.8	3.8
4/28/2007 4:00	8.3	5.2	3.0	3.0
4/28/2007 5:00	9.1	5.3	2.3	2.3
4/28/2007 6:00	8.6	5.5	2.5	2.5
4/28/2007 7:00	10.5	7.0	3.8	3.8
4/28/2007 8:00	23.3	13.6	5.7	5.7
4/28/2007 9:00	33.1	18.9	9.3	9.3
4/28/2007 10:00	36.9	21.7	25.2	18.7
4/28/2007 11:00	39.1	21.3	16.4	12.0
4/28/2007 12:00	37.6	18.2	20.1	13.5
4/28/2007 13:00	26.7	13.8	15.9	10.7
4/28/2007 14:00	18.7	11.5	12.8	9.6
4/28/2007 15:00	10.2	6.1	7.7	6.2
4/28/2007 16:00	11.6	7.8	10.0	8.1
4/28/2007 17:00	13.3	9.5	7.3	6.8
4/28/2007 18:00	12.4	8.7	11.4	10.0
4/28/2007 19:00	15.8	12.5	12.8	12.2
4/28/2007 20:00	20.4	17.0	15.1	15.1
4/28/2007 21:00	15.4	12.7	12.7	11.6
4/28/2007 22:00	46.0	33.8	15.2	14.4
4/28/2007 23:00	37.8	28.4	24.1	18.3
4/29/2007 0:00	28.7	23.4	57.8	35.6
4/29/2007 1:00	44.3	25.7	49.6	33.2
4/29/2007 2:00	72.4	29.0	63.7	29.0
4/29/2007 3:00	52.4	24.9	35.1	25.6
4/29/2007 4:00	36.3	30.6	32.7	29.9
4/29/2007 5:00	34.0	29.7	29.4	26.7
4/29/2007 6:00	20.8	17.0	16.7	16.7
4/29/2007 7:00	25.8	21.8	22.3	20.5
4/29/2007 8:00	20.3	16.3	17.7	14.8
4/29/2007 9:00	19.4	14.1	16.6	12.9
4/29/2007 10:00	15.8	10.8	13.5	10.3
4/29/2007 11:00	14.4	9.1	10.8	8.1
4/29/2007 12:00	17.9	11.5	15.1	11.2
4/29/2007 13:00	16.7	10.2	7.4	6.2
4/29/2007 14:00	10.5	5.4	2.8	2.8
4/29/2007 15:00	11.2	6.6	2.6	2.6
4/29/2007 16:00	12.5	7.6	3.1	3.1
4/29/2007 17:00	14.3	8.3	3.3	3.3
4/29/2007 18:00	13.0	6.9	2.8	2.8
4/29/2007 19:00	16.6	10.0	3.9	3.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
4/29/2007 20:00	22.0	13.3	3.1	3.1
4/29/2007 21:00	25.0	16.5	4.3	4.3
4/29/2007 22:00	24.2	16.7	6.2	6.2
4/29/2007 23:00	27.8	22.6	4.3	4.3
4/30/2007 0:00	24.3	19.3	4.8	4.8
4/30/2007 1:00	16.4	13.7	12.5	11.4
4/30/2007 2:00	10.8	7.3	3.9	3.9
4/30/2007 3:00	12.3	9.5	4.0	4.0
4/30/2007 4:00	13.0	12.0	11.3	10.6
4/30/2007 5:00	4.2	4.2	9.3	7.0
4/30/2007 6:00	22.8	19.3	21.1	16.1
4/30/2007 7:00	26.1	21.3	30.5	21.7
4/30/2007 8:00	21.6	18.3	29.4	17.9
4/30/2007 9:00	16.9	13.5	37.1	19.1
4/30/2007 10:00	12.9	10.0	27.6	15.3
4/30/2007 11:00	13.9	10.3	36.5	19.1
4/30/2007 12:00	16.7	11.7	29.5	16.8
4/30/2007 13:00	7.9	5.9	25.7	14.3
4/30/2007 14:00	5.6	4.6	20.7	11.8
4/30/2007 15:00	4.6	3.8	29.2	16.4
4/30/2007 16:00	4.9	4.1	17.1	10.6
4/30/2007 17:00	21.0	12.5	2.7	2.7
4/30/2007 18:00	18.4	12.5	2.3	2.3
4/30/2007 19:00	4.9	4.5	4.6	4.6
4/30/2007 20:00	9.4	7.2	5.7	5.7
4/30/2007 21:00	49.7	29.1	25.1	17.4
4/30/2007 22:00	28.9	22.6	20.0	14.4
4/30/2007 23:00	17.7	14.7	2.6	2.6
5/1/2007 0:00	11.4	10.0	2.3	2.3
5/1/2007 1:00	8.9	7.7	0.8	0.8
5/1/2007 2:00	18.1	12.9	0.5	0.5
5/1/2007 3:00	12.3	8.2	1.6	1.6
5/1/2007 4:00	8.9	7.0	0.2	0.2
5/1/2007 5:00	4.2	3.7	6.5	3.9
5/1/2007 6:00	2.7	2.7	30.7	19.6
5/1/2007 7:00	9.1	9.0	41.9	24.9
5/1/2007 8:00	9.4	8.8	43.2	26.0
5/1/2007 9:00	11.3	10.4	36.0	20.8
5/1/2007 10:00	8.5	7.0	31.6	16.2
5/1/2007 11:00	5.7	4.7	30.2	16.0
5/1/2007 12:00	5.0	4.2	32.1	15.8
5/1/2007 13:00	3.9	3.3	24.5	13.0
5/1/2007 14:00	4.0	3.5	20.2	13.5
5/1/2007 15:00	7.8	7.0	31.6	17.3
5/1/2007 16:00	7.9	7.3	37.7	22.9
5/1/2007 17:00	12.7	11.0	42.9	20.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
5/1/2007 18:00	18.0	14.3	49.2	26.1
5/1/2007 19:00	12.6	11.7	45.2	22.4
5/1/2007 20:00	6.8	6.6	39.6	18.5
5/1/2007 21:00	7.4	7.4	38.7	22.6
5/1/2007 22:00	16.1	16.0	54.2	28.7
5/1/2007 23:00	20.7	20.4	54.3	26.5
5/2/2007 0:00	39.5	25.5	63.0	30.3
5/2/2007 1:00	26.8	22.2	64.4	31.0
5/2/2007 2:00	62.7	28.2	51.0	29.4
5/2/2007 3:00	66.3	27.4	51.7	27.3
5/2/2007 4:00	43.2	22.4	66.5	28.2
5/2/2007 5:00	48.7	22.4	62.0	26.0
5/2/2007 6:00	71.0	21.3	50.5	20.2
5/2/2007 7:00	18.0	16.6	57.7	26.0
5/2/2007 8:00	20.0	16.2	49.8	21.7
5/2/2007 9:00	20.3	13.7	43.6	17.4
5/2/2007 10:00	19.1	13.4	48.2	18.6
5/2/2007 11:00	15.4	9.4	42.2	15.9
5/2/2007 12:00	10.7	7.3	37.9	14.8
5/2/2007 13:00	7.5	5.5	36.0	16.3
5/2/2007 14:00	8.4	6.4	30.7	16.4
5/2/2007 15:00	7.2	5.8	38.7	18.5
5/2/2007 16:00	4.3	4.0	31.9	16.2
5/2/2007 17:00	5.9	5.3	35.3	18.7
5/2/2007 18:00	8.2	7.3	42.2	23.6
5/2/2007 19:00	13.4	12.1	43.9	23.5
5/2/2007 20:00	11.9	11.4	44.9	24.8
5/2/2007 21:00	12.3	12.3	42.4	25.4
5/2/2007 22:00	16.7	16.7	50.1	33.7
5/2/2007 23:00	12.4	12.2	36.1	20.0
5/3/2007 0:00	9.0	9.0	28.6	17.5
5/3/2007 1:00	12.5	12.5	28.5	17.8
5/3/2007 2:00	14.5	14.5	30.0	19.7
5/3/2007 3:00	12.3	12.2	21.5	13.2
5/3/2007 4:00	7.7	7.7	17.4	9.7
5/3/2007 5:00	7.9	7.9	21.2	13.1
5/3/2007 6:00	8.2	8.2	29.4	14.6
5/3/2007 7:00	15.8	14.6	55.7	24.2
5/3/2007 8:00	20.4	15.8	46.9	18.8
5/3/2007 9:00	10.5	7.7	31.7	14.0
5/3/2007 10:00	7.9	5.2	31.9	13.1
5/3/2007 11:00	6.7	4.5	28.0	12.3
5/3/2007 12:00	5.8	4.0	31.7	12.6
5/3/2007 13:00	6.8	4.8	30.4	11.9
5/3/2007 14:00	5.1	3.8	28.9	12.2
5/3/2007 15:00	2.8	2.4	27.1	11.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
5/3/2007 16:00	1.8	1.5	28.6	10.5
5/3/2007 17:00	1.4	1.3	25.0	11.2
5/3/2007 18:00	1.6	1.5	25.1	11.5
5/3/2007 19:00	3.9	3.4	26.8	12.0
5/3/2007 20:00	13.6	12.5	36.3	22.1
5/3/2007 21:00	9.8	9.5	33.3	21.4
5/3/2007 22:00	14.7	14.7	39.5	26.1
5/3/2007 23:00	34.8	34.4	61.4	43.1
5/4/2007 0:00	29.2	29.1	49.0	32.5
5/4/2007 1:00	16.4	16.4	38.9	23.2
5/4/2007 2:00	10.2	10.2	28.0	15.3
5/4/2007 3:00	8.4	8.4	20.0	10.9
5/4/2007 4:00	7.9	7.9	15.7	8.8
5/4/2007 5:00	7.3	7.3	18.7	10.1
5/4/2007 6:00	7.3	7.3	18.4	7.8
5/4/2007 7:00	7.7	7.6	26.2	11.5
5/4/2007 8:00	11.5	10.0	31.8	14.9
5/4/2007 9:00	9.2	7.2	25.3	10.9
5/4/2007 10:00	5.6	4.0	26.7	11.3
5/4/2007 11:00	4.3	3.2	25.8	12.5
5/4/2007 12:00	4.2	3.2	23.0	10.8
5/4/2007 13:00	4.2	3.2	20.0	10.1
5/4/2007 14:00	2.7	2.1	20.9	10.3
5/4/2007 15:00	2.2	1.6	21.3	11.1
5/4/2007 16:00	2.1	1.7	20.6	11.2
5/4/2007 17:00	1.6	1.5	19.3	10.5
5/4/2007 18:00	1.7	1.4	16.6	9.6
5/4/2007 19:00	1.8	1.6	26.1	13.0
5/4/2007 20:00	2.6	2.5	24.9	12.8
5/4/2007 21:00	4.3	4.2	40.1	24.3
5/4/2007 22:00	6.1	6.0	28.9	17.6
5/4/2007 23:00	5.9	5.9	22.1	14.1
5/5/2007 0:00	4.4	4.4	17.2	10.7
5/5/2007 1:00	7.8	7.7	32.3	19.0
5/5/2007 2:00	12.0	11.8	16.5	11.6
5/5/2007 3:00	3.1	3.1	10.6	6.0
5/5/2007 4:00	3.7	3.5	7.0	4.6
5/5/2007 5:00	5.7	5.7	7.8	5.2
5/5/2007 6:00	6.6	6.6	9.2	5.9
5/5/2007 7:00	7.7	7.7	14.0	8.2
5/5/2007 8:00	8.9	8.0	21.1	10.7
5/5/2007 9:00	7.0	5.7	14.9	7.0
5/5/2007 10:00	7.1	5.3	16.3	8.4
5/5/2007 11:00	7.9	5.5	17.6	9.0
5/5/2007 12:00	5.9	4.4	18.7	8.5
5/5/2007 13:00	4.1	3.4	17.8	9.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
5/5/2007 14:00	4.0	3.5	16.3	9.1
5/5/2007 15:00	3.1	2.9	14.2	8.4
5/5/2007 16:00	4.3	3.8	15.0	8.1
5/5/2007 17:00	3.5	3.2	18.0	9.9
5/5/2007 18:00	2.6	2.4	13.8	8.2
5/5/2007 19:00	2.5	2.3	11.3	6.3
5/5/2007 20:00	2.3	2.3	10.1	5.7
5/5/2007 21:00	2.5	2.4	8.3	5.6
5/5/2007 22:00	2.2	2.2	11.2	7.2
5/5/2007 23:00	4.3	4.3	11.1	8.7
5/6/2007 0:00	10.0	10.0	15.8	12.7
5/6/2007 1:00	5.2	5.2	8.6	8.1
5/6/2007 2:00	3.8	3.6	3.3	2.5
5/6/2007 3:00	3.0	3.0	2.2	1.9
5/6/2007 4:00	3.9	3.8	2.8	2.3
5/6/2007 5:00	1.6	1.6	2.4	2.1
5/6/2007 6:00	1.0	1.1	3.0	2.6
5/6/2007 7:00	1.2	1.3	2.7	2.1
5/6/2007 8:00	1.8	1.6	4.4	3.1
5/6/2007 9:00	1.8	1.4	6.0	3.9
5/6/2007 10:00	1.3	0.9	4.2	2.8
5/6/2007 11:00	0.3	0.2	4.7	2.8
5/6/2007 12:00	0.2	0.0	7.5	3.6
5/6/2007 13:00	0.1	0.0	8.1	3.6
5/6/2007 14:00	0.0	0.0	8.8	3.1
5/6/2007 15:00	0.0		8.5	4.4
5/6/2007 16:00	0.1		9.5	4.1
5/6/2007 17:00	0.1	0.1	11.7	5.6
5/6/2007 18:00	0.1	0.1	11.7	6.3
5/6/2007 19:00	0.3	0.2	13.4	7.5
5/6/2007 20:00	0.5	0.5	13.9	9.7
5/6/2007 21:00	2.1	2.0	20.8	14.7
5/6/2007 22:00	4.9	4.9	20.5	14.3
5/6/2007 23:00	3.6	3.6	16.7	10.2
5/7/2007 0:00	3.1	3.1	13.4	9.2
5/7/2007 1:00	2.4	2.3	13.3	9.3
5/7/2007 2:00	0.7	0.5	9.9	8.1
5/7/2007 3:00	1.2	1.2	15.7	11.5
5/7/2007 4:00	2.7	2.6	9.2	6.8
5/7/2007 5:00	1.9	1.8	20.6	15.5
5/7/2007 6:00	3.7	3.7	45.0	23.8
5/7/2007 7:00	24.2	11.2	54.3	28.4
5/7/2007 8:00	32.3	19.8	16.4	13.5
5/7/2007 9:00	36.7	17.9	9.5	7.6
5/7/2007 10:00	23.5	12.3	5.8	4.9
5/7/2007 11:00	19.3	9.8	3.0	3.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
5/7/2007 12:00	15.4	8.3	2.7	2.7
5/7/2007 13:00	17.6	8.8	3.1	3.1
5/7/2007 14:00	16.8	9.3	2.6	2.6
5/7/2007 15:00	16.7	9.9	2.3	2.3
5/7/2007 16:00	22.3	13.9	1.9	1.9
5/7/2007 17:00	27.1	16.4	1.9	1.9
5/7/2007 18:00	21.4	15.3	2.0	2.0
5/7/2007 19:00	11.0	9.0	2.0	2.0
5/7/2007 20:00	7.7	7.2	3.0	3.0
5/7/2007 21:00	9.8	9.6	4.6	4.6
5/7/2007 22:00	13.3	13.3	7.3	7.3
5/7/2007 23:00	24.5	21.5	6.0	6.0
5/8/2007 0:00	14.3	14.1	6.4	6.4
5/8/2007 1:00	39.1	29.8	6.2	6.2
5/8/2007 2:00	87.8	38.0	6.9	6.7
5/8/2007 3:00	87.9	39.7	3.6	3.6
5/8/2007 4:00	36.4	27.2	3.3	3.3
5/8/2007 5:00	23.2	19.0	3.7	3.7
5/8/2007 6:00	26.0	18.6	4.9	4.9
5/8/2007 7:00	45.3	27.5	10.3	10.3
5/8/2007 8:00	54.8	30.2	8.5	8.5
5/8/2007 9:00	39.4	22.0	12.0	10.7
5/8/2007 10:00	39.4	21.3	17.8	14.0
5/8/2007 11:00	29.6	16.4	12.0	9.8
5/8/2007 12:00	29.9	17.5	10.4	8.8
5/8/2007 13:00	26.5	17.6	9.5	8.5
5/8/2007 14:00	21.3	14.8	9.1	8.6
5/8/2007 15:00	24.9	18.0	7.6	7.6
5/8/2007 16:00	25.1	18.0	7.6	7.6
5/8/2007 17:00	23.1	17.8	5.4	5.4
5/8/2007 18:00	25.7	20.5	6.1	6.1
5/8/2007 19:00	28.9	24.7	5.2	5.2
5/8/2007 20:00	28.3	24.8	4.8	4.8
5/8/2007 21:00	31.0	29.7	4.1	4.1
5/8/2007 22:00	17.7	17.7	6.1	6.1
5/8/2007 23:00	23.6	23.3	6.6	6.6
5/9/2007 0:00	18.1	18.1	6.8	6.8
5/9/2007 1:00	13.6	13.6	3.8	3.8
5/9/2007 2:00	8.3	8.1	3.6	3.6
5/9/2007 3:00	14.0	13.5	3.4	3.4
5/9/2007 4:00	25.0	22.8	4.4	4.4
5/9/2007 5:00	33.8	29.8	6.2	6.2
5/9/2007 6:00	26.1	23.3	7.0	7.0
5/9/2007 7:00	33.7	25.1	7.8	7.8
5/9/2007 8:00	40.1	27.2	9.7	9.7
5/9/2007 9:00	45.3	30.2	17.8	16.4

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
5/9/2007 10:00	62.4	38.0	21.4	20.2
5/9/2007 11:00	60.2	36.7	55.3	34.1
5/9/2007 12:00	25.1	22.5	54.4	32.2
5/9/2007 13:00	17.0	15.5	45.8	26.7
5/9/2007 14:00	12.3	10.9	48.9	30.7
5/9/2007 15:00	15.7	14.1	46.9	32.6
5/9/2007 16:00	41.8	24.3	37.5	27.0
5/9/2007 17:00	46.4	27.5	26.0	21.4
5/9/2007 18:00	49.8	31.9	12.9	12.9
5/9/2007 19:00	51.8	33.6	9.5	9.5
5/9/2007 20:00	53.4	31.3	10.8	10.8
5/9/2007 21:00	46.7	31.6	10.3	10.3
5/9/2007 22:00	43.0	30.4	20.2	14.9
5/9/2007 23:00	65.8	35.0	91.2	42.7
5/10/2007 0:00	77.3	36.0	102.3	42.8
5/10/2007 1:00	130.1	36.0	66.4	35.9
5/10/2007 2:00	66.2	33.4	31.8	31.1
5/10/2007 3:00	50.0	33.1	43.4	31.5
5/10/2007 4:00	54.2	33.8	55.1	32.9
5/10/2007 5:00	68.5	31.4	65.4	31.2
5/10/2007 6:00	97.8	27.0	37.2	26.2
5/10/2007 7:00	104.5	25.9	31.7	21.4
5/10/2007 8:00	94.0	23.4	42.7	21.3
5/10/2007 9:00	77.8	24.3	106.1	29.4
5/10/2007 10:00	70.6	31.7	74.3	34.9
5/10/2007 11:00	47.5	29.8	24.9	18.7
5/10/2007 12:00	28.9	19.1	10.2	8.9
5/10/2007 13:00	23.5	14.4	9.4	8.1
5/10/2007 14:00	27.6	16.9	20.8	15.3
5/10/2007 15:00	23.9	15.1	11.2	9.5
5/10/2007 16:00	23.2	15.9	6.3	6.3
5/10/2007 17:00	33.6	23.4	6.6	6.6
5/10/2007 18:00	33.2	24.8	7.0	7.0
5/10/2007 19:00	28.1	22.7	6.2	6.2
5/10/2007 20:00	33.6	29.2	4.9	4.9
5/10/2007 21:00	38.8	31.9	7.4	7.4
5/10/2007 22:00	19.5	18.5	7.5	7.5
5/10/2007 23:00	29.5	26.1	4.5	4.5
5/11/2007 0:00	33.3	25.2	4.0	4.0
5/11/2007 1:00	27.2	23.2	3.1	3.1
5/11/2007 2:00	28.3	23.6	21.9	13.2
5/11/2007 3:00	45.7	27.5	30.1	21.5
5/11/2007 4:00	50.0	30.4	3.3	3.3
5/11/2007 5:00	65.2	25.5	89.6	27.0
5/11/2007 6:00	106.5	25.1	94.6	27.3
5/11/2007 7:00	138.2	24.9	42.0	23.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
5/11/2007 8:00	134.9	21.0	40.8	19.1
5/11/2007 9:00	139.0	42.8	112.6	39.7
5/11/2007 10:00	91.5	44.0	82.0	41.6
5/11/2007 11:00	60.2	38.0	53.2	31.9
5/11/2007 12:00	33.9	25.9	32.3	22.9
5/11/2007 13:00	20.4	17.3	21.8	17.7
5/11/2007 14:00	10.8	10.1	25.7	20.4
5/11/2007 15:00	7.7	7.4	30.4	21.3
5/11/2007 16:00	6.6	6.4	29.7	20.5
5/11/2007 17:00	18.3	16.6	36.5	25.2
5/11/2007 18:00	17.9	16.0	34.7	23.8
5/11/2007 19:00	10.2	9.2	23.0	14.0
5/11/2007 20:00	4.7	4.6	19.2	10.0
5/11/2007 21:00	6.4	6.4	18.5	10.0
5/11/2007 22:00	5.1	5.1	14.8	9.3
5/11/2007 23:00	4.1	4.1	16.3	9.5
5/12/2007 0:00	4.6	4.6	13.7	8.7
5/12/2007 1:00	6.1	6.1	13.8	8.9
5/12/2007 2:00	5.7	5.7	14.4	9.5
5/12/2007 3:00	6.6	6.6	11.9	8.9
5/12/2007 4:00	6.3	6.3	12.2	8.7
5/12/2007 5:00	4.4	4.4	11.1	7.8
5/12/2007 6:00	5.1	5.1	10.9	7.2
5/12/2007 7:00	7.1	6.9	13.7	8.6
5/12/2007 8:00	9.0	7.9	18.4	10.8
5/12/2007 9:00	8.6	7.2	18.4	10.1
5/12/2007 10:00	8.7	7.4	17.8	11.2
5/12/2007 11:00	9.9	6.8	25.1	12.2
5/12/2007 12:00	8.1	5.4	26.1	10.6
5/12/2007 13:00	8.9	5.8	24.7	11.2
5/12/2007 14:00	4.2	3.3	13.5	7.5
5/12/2007 15:00	3.0	2.4	14.9	8.2
5/12/2007 16:00	2.6	2.2	10.6	5.6
5/12/2007 17:00	2.8	2.2	13.2	7.3
5/12/2007 18:00	2.4	1.9	12.3	6.6
5/12/2007 19:00	2.3	1.9	10.5	5.2
5/12/2007 20:00	2.3	2.1	9.3	5.8
5/12/2007 21:00	2.6	2.4	7.4	5.0
5/12/2007 22:00	3.0	3.0	10.2	7.3
5/12/2007 23:00	3.8	3.8	7.7	5.7
5/13/2007 0:00	3.9	3.8	7.8	6.4
5/13/2007 1:00	5.9	5.8	8.6	7.6
5/13/2007 2:00	6.4	6.2	8.6	7.5
5/13/2007 3:00	6.1	5.9	8.8	7.6
5/13/2007 4:00	8.7	8.5	11.2	10.0
5/13/2007 5:00	13.8	12.7	15.6	13.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
5/13/2007 6:00	9.3	9.1	15.1	12.4
5/13/2007 7:00	7.4	7.2	17.1	13.5
5/13/2007 8:00	8.7	7.7	15.4	10.6
5/13/2007 9:00	9.7	7.7	12.3	7.9
5/13/2007 10:00	2.0	1.7	8.9	4.7
5/13/2007 11:00	1.1	0.7	8.8	4.9
5/13/2007 12:00	1.1	0.8	8.0	4.5
5/13/2007 13:00	1.3	1.0	11.5	6.3
5/13/2007 14:00	1.2	1.0	8.0	5.0
5/13/2007 15:00	1.5	1.1	7.9	5.3
5/13/2007 16:00	2.4	1.7	3.9	3.4
5/13/2007 17:00	10.2	4.7	1.6	1.6
5/13/2007 18:00	10.9	5.5	1.0	1.0
5/13/2007 19:00	10.5	6.8	1.1	1.1
5/13/2007 20:00	13.4	11.2	0.9	0.9
5/13/2007 21:00	23.2	20.2	2.1	2.1
5/13/2007 22:00	20.2	18.8	3.9	3.9
5/13/2007 23:00	35.4	30.3	11.8	8.0
5/14/2007 0:00	22.0	17.4	49.6	26.6
5/14/2007 1:00	34.7	20.6	72.2	38.5
5/14/2007 2:00	34.6	21.0	83.0	40.9
5/14/2007 3:00	57.3	29.9	84.1	33.5
5/14/2007 4:00	18.6	16.0	73.2	29.5
5/14/2007 5:00	18.2	16.5	65.7	25.2
5/14/2007 6:00	16.1	14.5	68.2	31.4
5/14/2007 7:00	25.0	23.1	87.7	37.1
5/14/2007 8:00	33.1	25.9	96.3	35.4
5/14/2007 9:00	40.8	26.7	40.6	24.7
5/14/2007 10:00	23.2	17.2	24.1	15.8
5/14/2007 11:00	24.2	17.6	49.4	25.1
5/14/2007 12:00	21.7	15.0	35.8	19.6
5/14/2007 13:00	11.6	8.4	6.6	6.1
5/14/2007 14:00	23.2	14.6	5.7	5.6
5/14/2007 15:00	22.6	15.4	4.9	4.9
5/14/2007 16:00	21.5	15.5	4.5	4.5
5/14/2007 17:00	23.8	17.5	4.5	4.5
5/14/2007 18:00	25.7	19.0	4.0	4.0
5/14/2007 19:00	23.0	17.1	3.6	3.6
5/14/2007 20:00	26.2	22.3	4.8	4.8
5/14/2007 21:00	51.2	42.3	5.5	5.5
5/14/2007 22:00	45.6	40.3	4.5	4.5
5/14/2007 23:00	30.2	27.3	4.4	4.4
5/15/2007 0:00	20.0	16.9	5.3	5.3
5/15/2007 1:00	14.2	12.3	7.7	7.7
5/15/2007 2:00	12.2	10.8	6.9	6.9
5/15/2007 3:00	7.8	6.4	4.6	4.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
5/15/2007 4:00	10.8	8.7	4.1	4.1
5/15/2007 5:00	12.7	10.6	5.3	5.3
5/15/2007 6:00	14.6	11.7	5.3	5.3
5/15/2007 7:00	25.5	17.3	8.0	8.0
5/15/2007 8:00	31.3	22.2	8.5	8.5
5/15/2007 9:00	34.8	22.8	9.5	9.5
5/15/2007 10:00	28.6	17.4	9.1	8.6
5/15/2007 11:00	28.4	17.4	8.9	8.4
5/15/2007 12:00	25.3	16.4	6.4	6.4
5/15/2007 13:00	22.2	14.5	4.8	4.8
5/15/2007 14:00	16.9	12.5	3.7	3.7
5/15/2007 15:00	12.5	8.4	3.3	3.3
5/15/2007 16:00	outlier removed	outlier removed	13.1	3.0
5/15/2007 17:00	11.0	7.2	outlier removed	outlier removed
5/15/2007 18:00	33.8	23.8	outlier removed	outlier removed
5/15/2007 19:00	30.7	20.8	80.1	0.7
5/15/2007 20:00	34.1	20.8	13.9	3.1
5/15/2007 21:00	15.0	9.8	3.6	3.3
5/15/2007 22:00	18.7	14.0	2.9	2.9
5/15/2007 23:00	24.1	15.9	3.3	3.3
5/16/2007 0:00	12.5	9.2	3.9	3.9
5/16/2007 1:00	2.7	2.0	8.9	7.1
5/16/2007 2:00	outlier removed	outlier removed	12.8	7.7
5/16/2007 3:00	9.2	4.8	13.9	10.2
5/16/2007 4:00	29.1	17.9	26.9	18.7
5/16/2007 5:00	26.5	16.5	31.2	20.4
5/16/2007 6:00	13.6	9.3	18.2	13.9
5/16/2007 7:00	30.5	16.2	19.1	16.5
5/16/2007 8:00	29.8	18.7	29.8	20.4
5/16/2007 9:00	29.6	16.1	27.6	18.4
5/16/2007 10:00	28.6	14.9	30.3	17.0
5/16/2007 11:00	28.0	11.2	23.6	13.6
5/16/2007 12:00	28.1	12.4	21.4	14.3
5/16/2007 13:00	29.1	12.7	30.8	16.4
5/16/2007 14:00	29.0	8.1	21.8	11.5
5/16/2007 15:00	35.1	9.7	16.7	9.3
5/16/2007 16:00	23.7	5.0	23.3	9.7
5/16/2007 17:00	22.0	5.7	22.6	8.7
5/16/2007 18:00	19.7	5.7	23.0	10.8
5/16/2007 19:00	21.6	6.8	19.5	11.6
5/16/2007 20:00	18.4	6.8	21.8	13.0
5/16/2007 21:00	28.5	15.7	29.1	16.6
5/16/2007 22:00	26.5	15.5	32.3	19.9
5/16/2007 23:00	8.1	5.8	29.6	17.0
5/17/2007 0:00	26.2	19.1	55.5	26.6
5/17/2007 1:00	51.9	22.7	50.6	27.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
5/17/2007 2:00	51.4	20.7	32.5	21.4
5/17/2007 3:00	35.0	18.1	46.3	24.2
5/17/2007 4:00	40.2	15.9	25.8	16.3
5/17/2007 5:00	46.5	17.1	28.3	18.4
5/17/2007 6:00	1.7		16.9	10.9
5/17/2007 7:00	0.0		22.5	11.8
5/17/2007 8:00	1.7	1.2	27.1	13.3
5/17/2007 9:00	2.4	1.7	37.7	17.3
5/17/2007 10:00	3.7	2.5	32.6	16.0
5/17/2007 11:00	4.7	2.2	42.1	17.8
5/17/2007 12:00	outlier removed		17.8	10.1
5/17/2007 13:00	outlier removed		16.5	9.3
5/17/2007 14:00	3.6	2.0	18.6	11.6
5/17/2007 15:00	7.2	4.7	30.7	14.1
5/17/2007 16:00	6.9	3.9	40.3	16.4
5/17/2007 17:00	3.6	2.1	43.6	17.8
5/17/2007 18:00	8.8	6.1	48.2	21.4
5/17/2007 19:00	6.9	4.6	48.2	24.5
5/17/2007 20:00	7.3	5.8	45.4	24.4
5/17/2007 21:00	4.1	3.6	56.1	31.2
5/17/2007 22:00	55.2	22.3	53.8	27.4
5/17/2007 23:00	82.3	25.0	161.3	30.7
5/18/2007 0:00	176.0	26.3	192.1	28.5
5/18/2007 1:00	137.0	20.9	120.3	22.1
5/18/2007 2:00	180.9	21.0	185.4	28.0
5/18/2007 3:00	171.2	20.6	168.6	29.3
5/18/2007 4:00	174.0	24.0	137.1	33.0
5/18/2007 5:00	140.9	23.5	144.2	32.3
5/18/2007 6:00	143.5	23.9	151.1	32.3
5/18/2007 7:00	132.8	23.7	162.4	33.3
5/18/2007 8:00	151.1	24.3	170.9	35.8
5/18/2007 9:00	93.3	34.9	85.0	35.1
5/18/2007 10:00	24.2	14.0	52.8	24.3
5/18/2007 11:00	22.8	11.8	32.6	18.2
5/18/2007 12:00	23.9	11.7	32.4	17.2
5/18/2007 13:00	5.9	2.1	19.6	10.1
5/18/2007 14:00	1.5	outlier removed	18.1	10.0
5/18/2007 15:00	1.8	outlier removed	14.7	9.3
5/18/2007 16:00	0.7	outlier removed	9.3	7.1
5/18/2007 17:00	6.1	2.8	5.6	5.2
5/18/2007 18:00	15.3	8.7	7.5	7.2
5/18/2007 19:00	11.1	6.4	5.1	5.1
5/18/2007 20:00	14.8	10.2	3.7	3.7
5/18/2007 21:00	21.4	17.3	3.2	3.2
5/18/2007 22:00	29.9	25.6	4.8	4.8
5/18/2007 23:00	12.8	12.7	37.4	20.0

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
5/19/2007 0:00	62.7	25.1	20.6	20.2
5/19/2007 1:00	84.7	35.7	9.9	9.9
5/19/2007 2:00	52.6	27.6	4.6	4.6
5/19/2007 3:00	52.8	25.1	22.2	15.5
5/19/2007 4:00	45.8	23.4	10.9	10.9
5/19/2007 5:00	35.8	20.5	23.3	18.6
5/19/2007 6:00	37.1	20.3	10.3	10.3
5/19/2007 7:00	28.9	18.9	7.4	7.4
5/19/2007 8:00	32.0	20.1	10.6	10.6
5/19/2007 9:00	33.1	20.0	15.1	15.0
5/19/2007 10:00	25.0	14.5	14.2	13.0
5/19/2007 11:00	23.5	13.3	10.3	10.0
5/19/2007 12:00	26.4	13.6	11.6	10.3
5/19/2007 13:00	18.8	10.0	8.3	8.3
5/19/2007 14:00	15.4	7.6	4.8	4.8
5/19/2007 15:00	12.5	6.4	6.4	6.4
5/19/2007 16:00	12.6	7.2	6.4	6.4
5/19/2007 17:00	11.6	6.5	5.2	5.2
5/19/2007 18:00	11.1	6.5	6.2	6.2
5/19/2007 19:00	7.8	5.1	5.3	5.3
5/19/2007 20:00	6.8	5.2	4.2	4.2
5/19/2007 21:00	25.3	21.3	5.2	5.2
5/19/2007 22:00	20.4	17.0	7.2	7.2
5/19/2007 23:00	34.8	27.6	8.7	8.7
5/20/2007 0:00	41.2	34.4	12.4	12.4
5/20/2007 1:00	45.9	38.2	16.4	16.4
5/20/2007 2:00	29.9	25.1	38.0	33.8
5/20/2007 3:00	31.4	24.4	22.0	20.2
5/20/2007 4:00	18.6	16.8	11.6	11.6
5/20/2007 5:00	29.4	23.2	12.7	12.7
5/20/2007 6:00	21.0	19.3	26.5	25.9
5/20/2007 7:00	8.2	8.0	24.3	21.2
5/20/2007 8:00	13.1	7.9	16.1	13.6
5/20/2007 9:00	0.4		6.8	6.1
5/20/2007 10:00	3.7	1.7	10.9	8.2
5/20/2007 11:00	outlier removed	outlier removed	11.6	7.8
5/20/2007 12:00	outlier removed	outlier removed	10.5	5.1
5/20/2007 13:00	outlier removed	outlier removed	10.2	4.6
5/20/2007 14:00	outlier removed	outlier removed	8.2	3.3
5/20/2007 15:00	outlier removed	outlier removed	9.2	4.1
5/20/2007 16:00	outlier removed	outlier removed	8.9	4.1
5/20/2007 17:00	outlier removed	outlier removed	10.8	5.0
5/20/2007 18:00	outlier removed	outlier removed	11.3	3.9
5/20/2007 19:00	outlier removed	outlier removed	10.3	4.2
5/20/2007 20:00	outlier removed	outlier removed	13.1	6.0
5/20/2007 21:00	outlier removed	outlier removed	10.1	5.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
5/20/2007 22:00	outlier removed	outlier removed	10.2	6.6
5/20/2007 23:00	0.0	outlier removed	12.0	6.6
5/21/2007 0:00	outlier removed	outlier removed	10.3	6.9
5/21/2007 1:00	outlier removed	outlier removed	9.0	6.8
5/21/2007 2:00	outlier removed	outlier removed	15.1	11.1
5/21/2007 3:00	2.2	2.2	17.4	11.9
5/21/2007 4:00	19.3	10.8	24.5	15.4
5/21/2007 5:00	32.6	13.1	18.6	12.3
5/21/2007 6:00	41.5	14.6	50.4	18.1
5/21/2007 7:00	23.8	12.3	45.8	19.3
5/21/2007 8:00	17.2	9.7	44.7	18.6
5/21/2007 9:00	0.1	outlier removed	16.8	9.3
5/21/2007 10:00	0.1	outlier removed	7.0	4.6
5/21/2007 11:00	4.3	outlier removed	1.0	1.0
5/21/2007 12:00	1.4	outlier removed	2.2	2.2
5/21/2007 13:00	outlier removed	outlier removed	1.8	1.8
5/21/2007 14:00	outlier removed	outlier removed	2.6	2.5
5/21/2007 15:00	outlier removed	outlier removed	3.2	3.1
5/21/2007 16:00	0.4	outlier removed	5.8	4.5
5/21/2007 17:00	outlier removed	outlier removed	9.5	6.4
5/21/2007 18:00	outlier removed	outlier removed	7.7	6.4
5/21/2007 19:00	outlier removed	outlier removed	2.2	2.2
5/21/2007 20:00	outlier removed	outlier removed	9.7	8.2
5/21/2007 21:00	outlier removed	outlier removed	21.3	17.2
5/21/2007 22:00	0.0	outlier removed	15.4	13.5
5/21/2007 23:00	outlier removed	outlier removed	14.4	13.4
5/22/2007 0:00	0.0	outlier removed	23.7	16.0
5/22/2007 1:00	0.3	0.2	15.8	14.3
5/22/2007 2:00	outlier removed	outlier removed	26.5	23.7
5/22/2007 3:00	outlier removed	outlier removed	53.3	29.3
5/22/2007 4:00	outlier removed	outlier removed	42.5	26.1
5/22/2007 5:00	4.9	4.2	35.1	22.2
5/22/2007 6:00	3.9	3.7	30.5	19.5
5/22/2007 7:00	3.5	2.9	61.7	27.0
5/22/2007 8:00	12.7	9.4	58.5	25.0
5/22/2007 9:00	23.4	13.2	40.6	20.7
5/22/2007 10:00	17.9	9.2	20.1	12.7
5/22/2007 11:00	12.8	6.6	8.3	7.3
5/22/2007 12:00	16.7	9.3	5.7	5.7
5/22/2007 13:00	15.6	9.6	6.2	6.2
5/22/2007 14:00	11.1	7.6	5.8	5.8
5/22/2007 15:00	10.9	7.8	4.9	4.9
5/22/2007 16:00	12.6	8.8	2.9	2.9
5/22/2007 17:00	7.7	5.5	2.1	2.1
5/22/2007 18:00	2.0	1.1	5.5	5.5
5/22/2007 19:00	outlier removed	outlier removed	11.0	10.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
5/22/2007 20:00	outlier removed	outlier removed	24.1	21.3
5/22/2007 21:00	outlier removed	outlier removed	25.6	24.0
5/22/2007 22:00	outlier removed	outlier removed	29.7	26.4
5/22/2007 23:00	0.0	outlier removed	43.4	36.1
5/23/2007 0:00	0.0	outlier removed	18.5	18.5
5/23/2007 1:00	0.0	outlier removed	15.1	15.1
5/23/2007 2:00	0.8	0.6	32.8	30.6
5/23/2007 3:00	2.6	2.6	70.3	42.2
5/23/2007 4:00	5.6	5.4	47.1	30.4
5/23/2007 5:00	5.4	5.2	43.0	28.4
5/23/2007 6:00	4.3	4.3	59.9	29.2
5/23/2007 7:00	5.0	4.6	96.3	30.9
5/23/2007 8:00	16.6	10.1	95.4	31.1
5/23/2007 9:00	35.9	20.4	8.1	8.1
5/23/2007 10:00	24.8	14.2	6.5	6.5
5/23/2007 11:00	24.7	15.0	13.5	12.1
5/23/2007 12:00	23.8	16.2	12.7	11.9
5/23/2007 13:00	24.0	15.6	8.5	8.5
5/23/2007 14:00	18.2	13.0	4.1	4.1
5/23/2007 15:00	13.2	10.2	3.3	3.3
5/23/2007 16:00	17.9	13.5	2.8	2.8
5/23/2007 17:00	12.2	9.4	2.4	2.4
5/23/2007 18:00	17.0	13.6	2.0	2.0
5/23/2007 19:00	13.5	11.8	2.1	2.1
5/23/2007 20:00	4.0	4.0	2.3	2.3
5/23/2007 21:00	7.5	7.5	3.3	3.3
5/23/2007 22:00	4.3	4.2	3.4	3.4
5/23/2007 23:00	2.6	2.6	2.7	2.7
5/24/2007 0:00	6.9	6.7	2.3	2.3
5/24/2007 1:00	4.3	4.2	2.0	2.0
5/24/2007 2:00	25.0	22.0	3.0	3.0
5/24/2007 3:00	34.1	28.8	5.1	5.1
5/24/2007 4:00	29.8	27.0	6.8	6.8
5/24/2007 5:00	34.1	23.0	5.5	5.5
5/24/2007 6:00	89.1	39.9	10.1	10.1
5/24/2007 7:00	79.4	27.6	12.7	12.7
5/24/2007 8:00	93.1	37.9	11.8	11.8
5/24/2007 9:00	33.5	22.5	10.3	10.3
5/24/2007 10:00	23.9	16.1	9.9	10.2
5/24/2007 11:00	20.6	14.7	8.5	8.5
5/24/2007 12:00	18.4	13.2	8.2	8.2
5/24/2007 13:00	23.9	16.5	8.3	8.3
5/24/2007 14:00	12.7	9.0	7.1	7.1
5/24/2007 15:00	21.7	16.4	7.9	7.9
5/24/2007 16:00	20.2	15.4	2.1	2.1
5/24/2007 17:00	11.4	8.7	1.7	1.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
5/24/2007 18:00	19.7	15.5	1.7	1.7
5/24/2007 19:00	12.9	11.1	1.7	1.7
5/24/2007 20:00	1.9	1.8	1.7	1.7
5/24/2007 21:00	2.9	2.7	2.1	2.1
5/24/2007 22:00	11.8	11.8	2.9	2.9
5/24/2007 23:00	22.6	22.3	3.3	3.3
5/25/2007 0:00	29.7	29.2	3.8	3.8
5/25/2007 1:00	27.6	27.1	4.7	4.7
5/25/2007 2:00	24.6	23.9	8.1	8.1
5/25/2007 3:00	21.5	20.8	9.4	9.4
5/25/2007 4:00	14.0	13.9	6.7	6.7
5/25/2007 5:00	14.7	14.2	5.6	5.6
5/25/2007 6:00	22.5	20.5	5.5	5.5
5/25/2007 7:00	35.7	28.7	6.9	6.9
5/25/2007 8:00	43.0	28.1	8.7	8.7
5/25/2007 9:00	34.0	18.3	11.5	11.4
5/25/2007 10:00	22.0	11.9	7.8	7.8
5/25/2007 11:00	14.4	6.4	4.3	4.3
5/25/2007 12:00	12.3	5.8	2.9	2.9
5/25/2007 13:00	19.2	9.2	3.4	3.4
5/25/2007 14:00	21.7	11.9	6.4	6.4
5/25/2007 15:00	26.1	14.0	13.7	10.8
5/25/2007 16:00	26.5	14.8	21.6	13.9
5/25/2007 17:00	23.0	12.7	5.7	5.7
5/25/2007 18:00	17.2	8.5	5.2	5.2
5/25/2007 19:00	18.4	10.1	5.3	5.3
5/25/2007 20:00	20.3	11.2	4.9	4.9
5/25/2007 21:00	24.3	16.2	5.4	5.4
5/25/2007 22:00	39.0	24.4	7.5	7.5
5/25/2007 23:00	22.0	20.5	10.4	10.4
5/26/2007 0:00	42.8	29.1	12.6	12.6
5/26/2007 1:00	47.2	26.3	11.0	11.0
5/26/2007 2:00	55.9	24.3	29.2	16.1
5/26/2007 3:00	52.1	24.1	75.8	27.2
5/26/2007 4:00	41.0	22.8	59.5	29.0
5/26/2007 5:00	26.0	16.7	26.0	21.0
5/26/2007 6:00	6.9	6.9	21.3	18.0
5/26/2007 7:00	4.2	4.2	17.7	13.4
5/26/2007 8:00	3.6	3.4	19.6	13.5
5/26/2007 9:00	4.9	4.4	22.7	14.6
5/26/2007 10:00	3.2	2.6	19.8	10.8
5/26/2007 11:00	1.3	0.4	14.9	8.1
5/26/2007 12:00	4.8	3.5	13.3	8.8
5/26/2007 13:00	7.8	5.5	16.2	9.9
5/26/2007 14:00	2.0	0.9	15.3	10.1
5/26/2007 15:00	outlier removed	outlier removed	19.3	10.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
5/26/2007 16:00	outlier removed	outlier removed	10.6	6.8
5/26/2007 17:00	outlier removed	outlier removed	8.1	6.6
5/26/2007 18:00	outlier removed	outlier removed	8.1	7.0
5/26/2007 19:00	outlier removed	outlier removed	5.5	5.5
5/26/2007 20:00	outlier removed	outlier removed	11.8	10.5
5/26/2007 21:00	0.0	outlier removed	16.7	13.2
5/26/2007 22:00	0.0	outlier removed	13.2	11.9
5/26/2007 23:00	1.4	1.2	3.0	3.0
5/27/2007 0:00	2.0	1.4	1.9	1.9
5/27/2007 1:00	4.7	2.9	2.6	2.6
5/27/2007 2:00	outlier removed	outlier removed	1.4	1.4
5/27/2007 3:00	outlier removed	outlier removed	1.4	1.4
5/27/2007 4:00	outlier removed	outlier removed	1.7	1.7
5/27/2007 5:00	outlier removed	outlier removed	2.5	2.5
5/27/2007 6:00	2.1	1.6	7.0	7.0
5/27/2007 7:00	8.7	6.8	8.1	8.1
5/27/2007 8:00	3.1	2.1	5.7	5.7
5/27/2007 9:00	2.1	0.2	3.8	3.8
5/27/2007 10:00	1.7	outlier removed	3.5	3.5
5/27/2007 11:00	4.1	1.2	3.0	3.0
5/27/2007 12:00	4.3	1.4	3.1	3.1
5/27/2007 13:00	4.6	1.3	2.3	2.3
5/27/2007 14:00	2.8	outlier removed	2.5	2.5
5/27/2007 15:00	1.5	outlier removed	1.4	1.4
5/27/2007 16:00	1.7	outlier removed	1.2	1.2
5/27/2007 17:00	3.6	0.3	1.6	1.6
5/27/2007 18:00	2.8	outlier removed	2.0	2.0
5/27/2007 19:00	2.0	outlier removed	1.6	1.6
5/27/2007 20:00	6.7	2.7	1.6	1.6
5/27/2007 21:00	3.6	1.4	2.9	2.9
5/27/2007 22:00	14.8	11.2	3.5	3.5
5/27/2007 23:00	17.5	14.2	8.7	8.7
5/28/2007 0:00	16.9	14.4	19.8	19.6
5/28/2007 1:00	11.3	10.9	38.1	32.5
5/28/2007 2:00	51.0	31.1	40.9	29.1
5/28/2007 3:00	49.6	26.0	43.1	25.0
5/28/2007 4:00	80.5	25.7	43.3	28.5
5/28/2007 5:00	59.5	18.8	19.7	15.0
5/28/2007 6:00	76.0	18.9	17.5	11.7
5/28/2007 7:00	107.6	19.8	26.7	16.1
5/28/2007 8:00	76.6	20.2	31.7	16.9
5/28/2007 9:00	34.7	20.8	29.0	19.6
5/28/2007 10:00	30.5	20.5	46.6	29.5
5/28/2007 11:00	20.9	14.2	28.0	20.5
5/28/2007 12:00	6.8	4.6	16.5	13.4
5/28/2007 13:00	22.0	15.2	20.1	16.4

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
5/28/2007 14:00	17.7	12.1	14.8	12.6
5/28/2007 15:00	12.2	7.6	4.9	4.9
5/28/2007 16:00	10.7	6.4	4.1	4.1
5/28/2007 17:00	14.2	8.5	4.8	4.8
5/28/2007 18:00	15.6	10.6	4.8	4.8
5/28/2007 19:00	13.1	9.7	4.5	4.5
5/28/2007 20:00	4.7	3.7	25.9	22.0
5/28/2007 21:00	1.0	1.0	48.5	38.4
5/28/2007 22:00	1.8	1.8	52.9	43.7
5/28/2007 23:00	4.3	4.3	43.7	34.9
5/29/2007 0:00	7.7	7.7	40.6	32.3
5/29/2007 1:00	45.8	30.3	45.8	35.5
5/29/2007 2:00	13.5	12.8	50.2	33.3
5/29/2007 3:00	22.3	12.2	44.0	27.8
5/29/2007 4:00	7.7	6.8	45.6	32.3
5/29/2007 5:00	4.1	4.1	51.0	36.1
5/29/2007 6:00	9.0	6.7	43.6	32.3
5/29/2007 7:00	4.4	4.2	64.5	35.1
5/29/2007 8:00	11.2	9.4	43.0	28.6
5/29/2007 9:00	9.1	6.8	9.5	9.4
5/29/2007 10:00	5.4	3.8	4.4	4.4
5/29/2007 11:00	8.2	5.2	3.4	3.4
5/29/2007 12:00	12.5	8.2	3.8	3.8
5/29/2007 13:00	3.7	2.3	2.5	2.5
5/29/2007 14:00	9.0	5.9	2.9	2.9
5/29/2007 15:00	6.9	4.5	2.9	2.9
5/29/2007 16:00	7.4	5.2	2.1	2.1
5/29/2007 17:00	11.1	7.8	1.9	1.9
5/29/2007 18:00	8.5	5.8	1.7	1.7
5/29/2007 19:00	9.1	6.6	1.0	1.0
5/29/2007 20:00	3.8	3.3	3.6	3.6
5/29/2007 21:00	1.8	1.8	7.3	7.3
5/29/2007 22:00	3.5	3.5	30.3	25.3
5/29/2007 23:00	0.0	outlier removed	32.2	27.9
5/30/2007 0:00	0.8	0.8	23.5	21.2
5/30/2007 1:00	0.0	outlier removed	39.9	35.5
5/30/2007 2:00	3.3	3.3	40.9	31.1
5/30/2007 3:00	5.1	5.0	50.3	32.0
5/30/2007 4:00	3.0	3.0	37.6	25.4
5/30/2007 5:00	2.5	2.5	36.1	27.8
5/30/2007 6:00	3.4	3.4	55.4	32.2
5/30/2007 7:00	16.5	12.9	75.2	32.0
5/30/2007 8:00	36.4	16.1	61.3	22.1
5/30/2007 9:00	39.6	20.1	12.4	11.6
5/30/2007 10:00	27.6	15.3	9.8	9.6
5/30/2007 11:00	19.1	13.1	7.2	7.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
5/30/2007 12:00	21.7	15.3	6.6	6.6
5/30/2007 13:00	20.7	15.2	6.3	6.3
5/30/2007 14:00	15.2	11.9	5.3	5.3
5/30/2007 15:00	13.1	9.5	2.9	2.9
5/30/2007 16:00	16.3	12.4	4.2	4.2
5/30/2007 17:00	22.4	16.4	1.8	1.8
5/30/2007 18:00	16.3	13.6	1.6	1.6
5/30/2007 19:00	20.2	17.8	1.4	1.4
5/30/2007 20:00	17.9	15.8	1.9	1.9
5/30/2007 21:00	5.4	4.8	5.7	5.7
5/30/2007 22:00	0.3	0.3	50.3	42.5
5/30/2007 23:00	28.3	21.3	6.0	6.0
5/31/2007 0:00	50.2	36.3	20.8	19.6
5/31/2007 1:00	70.8	50.0	21.1	18.9
5/31/2007 2:00	50.4	35.0	10.1	9.9
5/31/2007 3:00	30.8	24.3	5.3	5.3
5/31/2007 4:00	15.0	14.1	31.7	21.9
5/31/2007 5:00	35.8	18.7	48.0	34.4
5/31/2007 6:00	57.3	36.5	34.2	30.5
5/31/2007 7:00	51.6	35.8	18.5	18.5
5/31/2007 8:00	53.2	32.2	15.0	15.1
5/31/2007 9:00	39.7	24.5	20.5	17.9
5/31/2007 10:00	35.9	22.3	12.6	12.1
5/31/2007 11:00	32.7	21.9	10.4	10.4
5/31/2007 12:00	23.6	16.6	5.9	5.9
5/31/2007 13:00	13.2	10.2	5.3	5.3
5/31/2007 14:00	21.5	15.8	3.6	3.6
5/31/2007 15:00	21.3	15.0	3.2	3.2
5/31/2007 16:00	19.5	14.8	2.7	2.7
5/31/2007 17:00	20.2	16.5	3.1	3.1
5/31/2007 18:00	24.3	20.3	3.5	3.5
5/31/2007 19:00	17.5	15.8	3.4	3.4
5/31/2007 20:00	13.7	12.8	1.6	1.6
5/31/2007 21:00	4.8	4.8	2.3	2.3
5/31/2007 22:00	7.8	7.8	2.9	2.9
5/31/2007 23:00	20.0	19.6	2.8	2.8
6/1/2007 0:00	37.1	35.8	2.0	2.0
6/1/2007 1:00	20.7	19.7	2.1	2.1
6/1/2007 2:00	23.5	22.6	3.5	3.5
6/1/2007 3:00	16.2	15.9	3.9	3.9
6/1/2007 4:00	26.0	22.0	5.0	5.0
6/1/2007 5:00	19.6	17.8	6.2	6.2
6/1/2007 6:00	32.2	22.8	10.5	10.5
6/1/2007 7:00	46.9	28.7	13.1	12.7
6/1/2007 8:00	53.6	27.5	12.8	12.8
6/1/2007 9:00	40.7	24.7	12.7	12.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
6/1/2007 10:00	17.3	14.0	9.2	9.2
6/1/2007 11:00	10.1	8.5	5.5	5.5
6/1/2007 12:00	5.9	4.8	3.5	3.5
6/1/2007 13:00	15.2	10.6	3.1	3.1
6/1/2007 14:00	11.3	8.2	2.6	2.6
6/1/2007 15:00	14.9	9.9	2.0	2.0
6/1/2007 16:00	12.1	8.4	2.1	2.1
6/1/2007 17:00	18.7	14.4	3.2	3.2
6/1/2007 18:00	21.0	17.4	3.6	3.6
6/1/2007 19:00	14.0	12.4	2.5	2.5
6/1/2007 20:00	9.9	9.2	1.5	1.5
6/1/2007 21:00	19.3	17.6	2.4	2.4
6/1/2007 22:00	14.0	13.1	6.0	6.0
6/1/2007 23:00	4.9	4.9	31.2	26.3
6/2/2007 0:00	12.3	12.0	34.4	30.0
6/2/2007 1:00	15.4	14.3	5.4	5.4
6/2/2007 2:00	12.7	11.2	5.7	5.7
6/2/2007 3:00	16.7	14.8	19.1	16.2
6/2/2007 4:00	13.2	10.0	7.7	7.7
6/2/2007 5:00	32.3	22.2	15.5	14.1
6/2/2007 6:00	32.2	15.3	20.6	14.3
6/2/2007 7:00	39.3	15.6	9.0	9.0
6/2/2007 8:00	26.5	11.2	11.3	9.9
6/2/2007 9:00	18.6	10.4	13.0	11.1
6/2/2007 10:00	23.8	12.5	14.6	12.0
6/2/2007 11:00	18.4	11.7	16.6	13.8
6/2/2007 12:00	11.1	7.6	6.7	6.7
6/2/2007 13:00	16.1	11.7	4.4	4.4
6/2/2007 14:00	2.3	1.1	1.7	1.7
6/2/2007 15:00	4.4	2.8	1.6	1.6
6/2/2007 16:00	2.0	0.8	1.8	1.8
6/2/2007 17:00	1.0	0.4	1.5	1.5
6/2/2007 18:00	8.9	7.0	8.4	8.4
6/2/2007 19:00	7.4	6.6	9.5	9.5
6/2/2007 20:00	11.0	9.3	29.3	26.5
6/2/2007 21:00	16.3	12.9	9.0	9.0
6/2/2007 22:00	5.3	5.1	19.9	15.7
6/2/2007 23:00	16.5	13.6	35.9	24.0
6/3/2007 0:00	35.4	22.2	35.6	25.8
6/3/2007 1:00	23.8	18.3	43.9	25.0
6/3/2007 2:00	35.9	15.3	23.3	19.6
6/3/2007 3:00	21.9	14.4	25.2	21.8
6/3/2007 4:00	8.5	7.9	11.2	11.2
6/3/2007 5:00	1.3	1.3	4.7	4.7
6/3/2007 6:00	3.1	1.7	4.0	4.0
6/3/2007 7:00	3.0	1.7	4.3	4.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
6/3/2007 8:00	4.7	2.5	4.2	4.2
6/3/2007 9:00	3.4	1.6	12.8	8.9
6/3/2007 10:00	2.3	1.1	18.4	11.6
6/3/2007 11:00	1.5	0.4	16.8	11.2
6/3/2007 12:00	outlier removed	outlier removed	9.2	7.7
6/3/2007 13:00	outlier removed	outlier removed	7.0	7.0
6/3/2007 14:00	4.5	3.2	1.3	1.3
6/3/2007 15:00	11.9	9.9	1.2	1.2
6/3/2007 16:00	3.3	2.3	6.2	6.2
6/3/2007 17:00	outlier removed	outlier removed	20.3	15.4
6/3/2007 18:00	outlier removed	outlier removed	20.2	14.7
6/3/2007 19:00	0.5	0.5	24.4	19.5
6/3/2007 20:00	1.2	0.8	29.6	22.2
6/3/2007 21:00	8.7	8.1	26.4	23.4
6/3/2007 22:00	6.3	4.6	11.4	11.4
6/3/2007 23:00	2.8	2.8	4.8	4.8
6/4/2007 0:00	0.1		0.4	0.4
6/4/2007 1:00	2.5	2.1	0.2	0.2
6/4/2007 2:00	2.3	1.8	1.2	1.2
6/4/2007 3:00	5.7	2.4	31.2	22.8
6/4/2007 4:00	4.1	1.8	16.3	14.5
6/4/2007 5:00	outlier removed	outlier removed	1.7	1.7
6/4/2007 6:00	outlier removed	outlier removed	1.8	1.8
6/4/2007 7:00	12.5	5.6	2.7	2.7
6/4/2007 8:00	32.5	14.9	4.8	4.8
6/4/2007 9:00	33.0	15.7	10.0	10.0
6/4/2007 10:00	19.1	8.5	9.2	8.6
6/4/2007 11:00	16.4	7.8	5.9	5.9
6/4/2007 12:00	13.4	5.8	3.8	3.8
6/4/2007 13:00	11.2	4.6	2.6	2.6
6/4/2007 14:00	12.0	5.4	3.7	3.7
6/4/2007 15:00	17.5	8.2	3.6	3.6
6/4/2007 16:00	17.6	8.8	2.5	2.5
6/4/2007 17:00	28.1	16.5	outlier removed	outlier removed
6/4/2007 18:00	27.4	13.8	outlier removed	outlier removed
6/4/2007 19:00	21.1	10.2	outlier removed	outlier removed
6/4/2007 20:00	32.5	18.1	outlier removed	outlier removed
6/4/2007 21:00	26.0	14.2	outlier removed	outlier removed
6/4/2007 22:00	37.9	22.5	outlier removed	outlier removed
6/4/2007 23:00	30.7	18.5	outlier removed	outlier removed
6/5/2007 0:00	28.0	16.5	outlier removed	outlier removed
6/5/2007 1:00	9.7	5.2	outlier removed	outlier removed
6/5/2007 2:00	9.5	4.5	outlier removed	outlier removed
6/5/2007 3:00	6.1	2.2	outlier removed	outlier removed
6/5/2007 4:00	outlier removed	outlier removed	outlier removed	outlier removed
6/5/2007 5:00	3.5	0.8	outlier removed	outlier removed

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
6/5/2007 6:00	8.2	4.3	outlier removed	outlier removed
6/5/2007 7:00	7.5	3.7	outlier removed	outlier removed
6/5/2007 8:00	11.3	6.0	outlier removed	outlier removed
6/5/2007 9:00	9.0	4.3	outlier removed	outlier removed
6/5/2007 10:00	5.1	3.1	outlier removed	outlier removed
6/5/2007 11:00	5.2	2.1	outlier removed	outlier removed
6/5/2007 12:00	13.8	5.0	outlier removed	outlier removed
6/5/2007 13:00	21.4	7.9	outlier removed	outlier removed
6/5/2007 14:00	12.6	5.5	outlier removed	outlier removed
6/5/2007 15:00	13.7	4.6	outlier removed	outlier removed
6/5/2007 16:00	33.5	14.7	19.9	13.5
6/5/2007 17:00	45.7	20.3	35.9	19.4
6/5/2007 18:00	17.8	9.5	32.1	16.1
6/5/2007 19:00	20.6	10.0	33.5	16.2
6/5/2007 20:00	25.2	12.6	27.1	17.4
6/5/2007 21:00	2.3	1.9	46.0	23.3
6/5/2007 22:00	1.8	1.7	59.8	23.5
6/5/2007 23:00	1.8	1.8	48.8	23.7
6/6/2007 0:00	11.9	6.9	32.4	20.1
6/6/2007 1:00	5.2	4.8	32.2	17.8
6/6/2007 2:00	0.7	0.7	11.0	7.2
6/6/2007 3:00	3.0	1.4	22.2	13.0
6/6/2007 4:00	15.0	5.6	46.5	16.3
6/6/2007 5:00	63.2	11.9	35.1	13.7
6/6/2007 6:00	86.3	12.7	66.3	16.9
6/6/2007 7:00	83.0	11.5	84.7	17.7
6/6/2007 8:00	86.5	17.6	97.4	23.6
6/6/2007 9:00	33.4	14.8	65.2	22.5
6/6/2007 10:00	36.0	15.5	45.6	19.8
6/6/2007 11:00	20.3	9.0	21.3	10.8
6/6/2007 12:00	20.7	9.1	18.2	9.7
6/6/2007 13:00	17.6	7.4	12.1	8.8
6/6/2007 14:00	outlier removed	outlier removed	5.4	5.2
6/6/2007 15:00	16.5	10.6	outlier removed	outlier removed
6/6/2007 16:00	15.9	10.2	2.0	2.0
6/6/2007 17:00	24.4	15.0	1.6	1.6
6/6/2007 18:00	27.8	16.7	2.4	2.4
6/6/2007 19:00	23.2	15.6	1.5	1.5
6/6/2007 20:00	13.6	10.9	0.9	0.9
6/6/2007 21:00	8.9	8.9	1.9	1.9
6/6/2007 22:00	9.9	9.9	3.0	3.0
6/6/2007 23:00	7.8	7.8	3.4	3.4
6/7/2007 0:00	4.5	4.5	8.5	8.5
6/7/2007 1:00	3.5	3.5	5.6	5.6
6/7/2007 2:00	6.1	6.1	2.7	2.7
6/7/2007 3:00	5.7	5.7	14.3	13.0

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
6/7/2007 4:00	10.2	10.2	4.1	4.1
6/7/2007 5:00	20.3	18.8	4.5	4.5
6/7/2007 6:00	27.8	24.5	3.2	3.2
6/7/2007 7:00	28.9	24.0	2.8	2.8
6/7/2007 8:00	28.5	20.7	3.6	3.6
6/7/2007 9:00	20.2	13.6	3.1	3.1
6/7/2007 10:00	18.2	12.2	3.3	3.3
6/7/2007 11:00	15.0	10.3	2.6	2.6
6/7/2007 12:00	13.4	9.7	1.8	1.8
6/7/2007 13:00	14.8	11.0	1.6	1.6
6/7/2007 14:00	15.2	11.8	1.2	1.2
6/7/2007 15:00	14.9	11.8	1.1	1.1
6/7/2007 16:00	13.9	10.9	1.6	1.6
6/7/2007 17:00	15.3	12.4	1.0	1.0
6/7/2007 18:00	16.5	13.7	0.6	0.6
6/7/2007 19:00	16.5	13.5	0.6	0.6
6/7/2007 20:00	14.6	12.4	0.5	0.5
6/7/2007 21:00	14.6	13.1	0.6	0.6
6/7/2007 22:00	14.7	13.3	1.0	1.0
6/7/2007 23:00	14.7	12.9	1.5	1.5
6/8/2007 0:00	13.0	11.6	1.6	1.6
6/8/2007 1:00	9.3	8.3	1.4	1.4
6/8/2007 2:00	10.0	9.1	3.0	3.0
6/8/2007 3:00	11.4	10.1	5.3	5.3
6/8/2007 4:00	8.5	7.3	3.7	3.7
6/8/2007 5:00	10.3	8.9	3.2	3.2
6/8/2007 6:00	10.5	8.8	3.1	3.1
6/8/2007 7:00	21.8	16.4	4.3	4.3
6/8/2007 8:00	23.8	15.2	4.4	4.4
6/8/2007 9:00	25.1	14.3	4.1	4.1
6/8/2007 10:00	21.7	13.6	4.5	4.5
6/8/2007 11:00	14.6	8.9	3.6	3.6
6/8/2007 12:00	13.9	8.9	1.3	1.3
6/8/2007 13:00	12.2	7.8	1.1	1.1
6/8/2007 14:00	14.5	9.4	1.1	1.1
6/8/2007 15:00	21.9	17.1	2.2	2.2
6/8/2007 16:00	16.1	12.3	2.0	2.0
6/8/2007 17:00	19.3	13.1	3.9	3.9
6/8/2007 18:00	18.1	12.3	4.4	4.4
6/8/2007 19:00	20.6	14.1	4.2	4.2
6/8/2007 20:00	16.2	12.3	11.1	10.0
6/8/2007 21:00	14.6	11.6	15.5	11.7
6/8/2007 22:00	26.3	20.5	23.4	17.4
6/8/2007 23:00	16.6	15.0	25.2	17.3
6/9/2007 0:00	6.0	6.0	29.7	18.3
6/9/2007 1:00	15.5	14.1	21.0	15.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
6/9/2007 2:00	12.2	12.2	29.5	17.1
6/9/2007 3:00	9.4	9.4	19.2	13.2
6/9/2007 4:00	12.9	12.9	21.5	17.0
6/9/2007 5:00	13.7	13.7	20.2	14.4
6/9/2007 6:00	13.1	12.8	26.9	16.3
6/9/2007 7:00	24.1	15.3	31.0	16.1
6/9/2007 8:00	17.3	12.3	22.5	12.1
6/9/2007 9:00	10.2	7.5	19.7	10.4
6/9/2007 10:00	11.5	8.1	22.3	11.9
6/9/2007 11:00	4.2	3.4	11.8	6.0
6/9/2007 12:00	2.7	2.2	10.8	5.2
6/9/2007 13:00	0.7	0.7	8.4	3.8
6/9/2007 14:00	1.3	1.3	5.7	4.2
6/9/2007 15:00	3.0	2.8	8.2	6.2
6/9/2007 16:00	2.5	2.5	8.7	7.0
6/9/2007 17:00	3.7	3.0	1.4	1.4
6/9/2007 18:00	7.4	5.4	0.0	
6/9/2007 19:00	8.4	6.1	0.0	
6/9/2007 20:00	7.6	6.1	0.0	
6/9/2007 21:00	9.4	8.5	0.6	0.6
6/9/2007 22:00	9.5	9.4	1.8	1.8
6/9/2007 23:00	16.6	15.0	3.4	3.4
6/10/2007 0:00	15.7	15.4	18.8	17.4
6/10/2007 1:00	24.3	20.4	46.9	28.4
6/10/2007 2:00	32.8	24.1	39.4	23.7
6/10/2007 3:00	24.6	18.6	31.4	19.0
6/10/2007 4:00	35.4	20.2	31.7	18.3
6/10/2007 5:00	46.7	20.2	36.6	17.7
6/10/2007 6:00	44.3	17.4	46.2	15.6
6/10/2007 7:00	50.4	13.8	23.5	12.1
6/10/2007 8:00	48.4	14.4	14.7	10.0
6/10/2007 9:00	34.5	20.9	12.5	11.2
6/10/2007 10:00	24.0	17.4	12.4	11.2
6/10/2007 11:00	15.7	10.7	2.1	2.1
6/10/2007 12:00	10.3	7.9	2.3	2.3
6/10/2007 13:00	8.1	6.5	3.6	3.6
6/10/2007 14:00	6.8	5.7	1.8	1.8
6/10/2007 15:00	8.5	6.8	1.3	1.3
6/10/2007 16:00	10.2	8.0	0.7	0.7
6/10/2007 17:00	11.6	9.2	1.0	1.0
6/10/2007 18:00	14.2	11.2	0.5	0.5
6/10/2007 19:00	12.7	9.6	0.8	0.8
6/10/2007 20:00	14.3	12.5	0.0	
6/10/2007 21:00	15.5	14.3	0.0	
6/10/2007 22:00	15.3	14.6	0.2	0.2
6/10/2007 23:00	47.1	35.7	2.2	2.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
6/11/2007 0:00	56.2	37.4	9.4	9.4
6/11/2007 1:00	27.4	19.3	53.9	35.8
6/11/2007 2:00	48.3	30.4	52.5	32.2
6/11/2007 3:00	32.6	20.8	49.6	28.3
6/11/2007 4:00	43.6	21.0	50.9	24.4
6/11/2007 5:00	92.7	28.8	41.7	24.6
6/11/2007 6:00	76.8	24.8	65.5	22.0
6/11/2007 7:00	115.5	25.1	64.3	17.6
6/11/2007 8:00	161.5	24.6	84.6	20.6
6/11/2007 9:00	101.6	40.1	77.7	40.0
6/11/2007 10:00	100.1	55.1	82.1	50.1
6/11/2007 11:00	42.6	30.9	35.4	27.9
6/11/2007 12:00	28.3	22.5	23.5	19.7
6/11/2007 13:00	15.4	13.6	26.5	21.1
6/11/2007 14:00	5.8	5.7	23.3	17.3
6/11/2007 15:00	5.5	5.5	22.8	17.6
6/11/2007 16:00	6.6	6.6	21.8	17.0
6/11/2007 17:00	6.1	6.1	37.1	26.9
6/11/2007 18:00	5.7	5.7	23.5	18.6
6/11/2007 19:00	3.3	3.3	29.5	18.0
6/11/2007 20:00	2.8	2.8	30.0	18.2
6/11/2007 21:00	5.3	5.3	45.1	27.5
6/11/2007 22:00	32.5	32.3	56.1	39.0
6/11/2007 23:00	23.1	23.1	51.8	33.6
6/12/2007 0:00	28.9	28.9	46.1	32.1
6/12/2007 1:00	19.2	19.2	33.1	25.2
6/12/2007 2:00	8.8	8.8	33.4	22.4
6/12/2007 3:00	10.4	10.4	27.5	19.6
6/12/2007 4:00	11.5	11.5	27.1	19.0
6/12/2007 5:00	11.9	11.9	27.8	19.8
6/12/2007 6:00	65.7	31.4	44.0	25.3
6/12/2007 7:00	53.8	23.8	67.0	30.8
6/12/2007 8:00	21.6	17.7	52.6	27.7
6/12/2007 9:00	23.0	17.6	54.7	25.0
6/12/2007 10:00	20.4	15.4	41.9	22.0
6/12/2007 11:00	15.0	11.6	35.3	19.1
6/12/2007 12:00	6.3	5.4	24.6	12.7
6/12/2007 13:00	4.2	3.9	26.2	14.2
6/12/2007 14:00	2.8	2.8	23.9	11.9
6/12/2007 15:00	1.9	1.9	27.8	11.0
6/12/2007 16:00	1.9	1.9	25.9	11.9
6/12/2007 17:00	1.5	1.5	30.1	11.3
6/12/2007 18:00	1.7	1.7	27.9	12.4
6/12/2007 19:00	2.7	2.7	26.4	10.9
6/12/2007 20:00	2.7	2.7	29.5	14.8
6/12/2007 21:00	4.2	4.2	39.9	18.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
6/12/2007 22:00	7.1	7.1	74.2	35.3
6/12/2007 23:00	13.6	12.7	76.8	33.4
6/13/2007 0:00	6.9	6.9	38.0	22.7
6/13/2007 1:00	6.2	6.2	23.8	16.2
6/13/2007 2:00	8.2	8.2	22.6	16.7
6/13/2007 3:00	10.1	10.1	26.0	17.9
6/13/2007 4:00	8.2	8.2	11.4	9.1
6/13/2007 5:00	7.8	7.8	11.1	8.8
6/13/2007 6:00	9.3	9.3	21.3	15.1
6/13/2007 7:00	11.6	11.6	27.2	17.3
6/13/2007 8:00	14.8	13.1	28.2	16.6
6/13/2007 9:00	18.0	14.6	43.8	22.7
6/13/2007 10:00	15.6	12.5	29.8	16.4
6/13/2007 11:00	9.8	8.2	35.0	18.0
6/13/2007 12:00	5.5	5.1	34.0	17.6
6/13/2007 13:00	4.5	4.2	30.6	18.6
6/13/2007 14:00	5.4	5.1	28.0	17.1
6/13/2007 15:00	2.9	2.9	43.5	23.9
6/13/2007 16:00	2.4	2.4	28.1	14.5
6/13/2007 17:00	1.8	1.8	33.0	14.3
6/13/2007 18:00	4.1	3.9	37.0	16.9
6/13/2007 19:00	6.3	6.2	31.8	19.5
6/13/2007 20:00	3.2	3.2	28.8	14.6
6/13/2007 21:00	3.1	3.1	34.0	16.4
6/13/2007 22:00	5.0	5.0	46.9	24.4
6/13/2007 23:00	7.9	7.9	61.1	29.1
6/14/2007 0:00	12.7	12.7	35.8	22.6
6/14/2007 1:00	15.3	15.3	39.1	25.5
6/14/2007 2:00	10.7	10.7	34.3	24.5
6/14/2007 3:00	22.0	17.7	40.0	24.9
6/14/2007 4:00	25.5	18.5	51.7	28.5
6/14/2007 5:00	16.6	16.6	29.4	20.4
6/14/2007 6:00	15.8	15.8	40.3	24.8
6/14/2007 7:00	17.0	16.4	60.8	27.4
6/14/2007 8:00	23.9	18.6	62.0	26.4
6/14/2007 9:00	13.1	10.7	36.6	18.5
6/14/2007 10:00	7.3	6.3	30.6	18.1
6/14/2007 11:00	5.8	4.9	18.4	12.7
6/14/2007 12:00	3.1	2.9	13.2	9.0
6/14/2007 13:00	2.8	2.8	17.6	10.6
6/14/2007 14:00	3.1	2.9	24.0	14.8
6/14/2007 15:00	2.5	2.5	22.8	12.7
6/14/2007 16:00	2.2	2.2	21.4	12.5
6/14/2007 17:00	3.2	3.0	19.9	12.8
6/14/2007 18:00	4.1	3.9	6.4	6.0
6/14/2007 19:00	2.8	2.8	11.0	10.0

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
6/14/2007 20:00	1.8	1.8	17.7	16.0
6/14/2007 21:00	2.1	2.1	17.9	17.3
6/14/2007 22:00	9.1	8.0	35.7	25.7
6/14/2007 23:00	7.4	7.4	23.6	21.8
6/15/2007 0:00	5.3	5.3	35.2	26.4
6/15/2007 1:00	6.0	6.0	30.4	26.1
6/15/2007 2:00	3.3	3.3	24.0	23.5
6/15/2007 3:00	3.5	3.5	29.0	26.1
6/15/2007 4:00	5.2	5.2	32.0	24.7
6/15/2007 5:00	8.7	7.6	28.5	20.9
6/15/2007 6:00	23.8	13.5	36.4	22.5
6/15/2007 7:00	12.2	11.4	43.6	22.7
6/15/2007 8:00	18.6	13.0	52.8	26.6
6/15/2007 9:00	13.7	10.6	37.2	16.0
6/15/2007 10:00	7.7	5.8	27.0	13.1
6/15/2007 11:00	12.7	8.8	27.7	15.0
6/15/2007 12:00	8.7	7.0	22.8	12.7
6/15/2007 13:00	3.4	3.2	22.1	13.2
6/15/2007 14:00	6.9	5.9	28.2	17.5
6/15/2007 15:00	8.3	6.9	28.3	16.9
6/15/2007 16:00	3.3	3.0	20.8	12.4
6/15/2007 17:00	2.9	2.9	17.7	12.8
6/15/2007 18:00	2.4	2.4	11.3	10.0
6/15/2007 19:00	2.1	2.1	9.2	8.7
6/15/2007 20:00	0.8	0.8	9.0	8.4
6/15/2007 21:00	0.9	0.9	11.3	11.1
6/15/2007 22:00	5.1	5.0	1.1	1.1
6/15/2007 23:00	24.8	19.8	6.7	6.7
6/16/2007 0:00	59.6	31.2	41.9	21.6
6/16/2007 1:00	72.4	36.1	112.0	35.9
6/16/2007 2:00	101.8	34.2	112.4	33.8
6/16/2007 3:00	91.2	32.1	97.7	31.2
6/16/2007 4:00	62.7	30.6	67.3	26.9
6/16/2007 5:00	77.5	26.9	67.4	26.6
6/16/2007 6:00	101.3	27.4	78.4	24.5
6/16/2007 7:00	42.2	20.7	82.4	21.5
6/16/2007 8:00	80.0	24.6	67.2	20.6
6/16/2007 9:00	29.9	17.0	22.5	14.2
6/16/2007 10:00	16.5	12.0	4.8	4.8
6/16/2007 11:00	23.3	17.0	6.8	6.8
6/16/2007 12:00	15.1	12.0	1.5	1.5
6/16/2007 13:00	8.5	6.3	0.6	0.6
6/16/2007 14:00	9.5	7.5	0.1	0.1
6/16/2007 15:00	12.3	9.9	1.5	1.5
6/16/2007 16:00	8.1	7.0	1.3	1.3
6/16/2007 17:00	8.7	7.8	0.7	0.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
6/16/2007 18:00	10.3	9.4	0.7	0.7
6/16/2007 19:00	11.7	10.6	1.9	1.9
6/16/2007 20:00	8.6	8.5	1.2	1.2
6/16/2007 21:00	13.1	12.7	0.8	0.8
6/16/2007 22:00	18.0	17.8	1.9	1.9
6/16/2007 23:00	22.6	21.4	3.8	3.8
6/17/2007 0:00	22.6	22.6	2.7	2.7
6/17/2007 1:00	13.1	13.1	2.5	2.5
6/17/2007 2:00	25.7	24.3	2.9	2.9
6/17/2007 3:00	24.2	23.5	4.6	4.6
6/17/2007 4:00	15.5	15.5	12.4	12.4
6/17/2007 5:00	21.0	19.9	15.5	15.4
6/17/2007 6:00	21.9	21.1	27.3	25.2
6/17/2007 7:00	21.4	19.8	19.7	19.6
6/17/2007 8:00	17.7	16.0	21.0	19.9
6/17/2007 9:00	6.6	6.6	11.8	10.6
6/17/2007 10:00	3.5	3.5	8.2	7.5
6/17/2007 11:00	4.2	4.0	5.2	5.2
6/17/2007 12:00	5.0	4.6	7.6	7.2
6/17/2007 13:00	9.9	8.3	5.3	5.3
6/17/2007 14:00	6.7	5.7	4.3	4.3
6/17/2007 15:00	0.3	0.3	5.6	5.6
6/17/2007 16:00	outlier removed	outlier removed	6.5	6.5
6/17/2007 17:00	outlier removed	outlier removed	7.4	7.4
6/17/2007 18:00	outlier removed	outlier removed	1.3	1.3
6/17/2007 19:00	outlier removed	outlier removed	0.5	0.5
6/17/2007 20:00	outlier removed	outlier removed	0.1	0.1
6/17/2007 21:00	outlier removed	outlier removed	4.5	4.5
6/17/2007 22:00	outlier removed	outlier removed	13.3	10.2
6/17/2007 23:00	outlier removed	outlier removed	19.2	12.9
6/18/2007 0:00	outlier removed	outlier removed	20.8	15.6
6/18/2007 1:00	outlier removed	outlier removed	18.8	15.9
6/18/2007 2:00	outlier removed	outlier removed	19.4	19.4
6/18/2007 3:00	outlier removed	outlier removed	19.7	19.7
6/18/2007 4:00	outlier removed	outlier removed	15.9	15.9
6/18/2007 5:00	outlier removed	outlier removed	10.2	10.2
6/18/2007 6:00	outlier removed	outlier removed	2.3	2.3
6/18/2007 7:00	outlier removed	outlier removed	5.5	5.5
6/18/2007 8:00	outlier removed	outlier removed	8.3	8.3
6/18/2007 9:00	outlier removed	outlier removed	5.8	5.8
6/18/2007 10:00	outlier removed	outlier removed	4.1	4.1
6/18/2007 11:00	outlier removed	outlier removed	7.4	7.4
6/18/2007 12:00	outlier removed	outlier removed	8.5	8.5
6/18/2007 13:00	outlier removed	outlier removed	9.2	9.2
6/18/2007 14:00	outlier removed	outlier removed	4.7	4.7
6/18/2007 15:00	outlier removed	outlier removed	6.1	6.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
6/18/2007 16:00	outlier removed	outlier removed	3.0	3.0
6/18/2007 17:00	outlier removed	outlier removed	1.0	1.0
6/18/2007 18:00	outlier removed	outlier removed	0.6	0.6
6/18/2007 19:00	outlier removed	outlier removed	0.1	0.1
6/18/2007 20:00	outlier removed	outlier removed	0.1	0.1
6/18/2007 21:00	outlier removed	outlier removed	0.7	0.7
6/18/2007 22:00	outlier removed	outlier removed	2.3	2.3
6/18/2007 23:00	outlier removed	outlier removed	3.4	3.4
6/19/2007 0:00	outlier removed	outlier removed	3.6	3.6
6/19/2007 1:00	outlier removed	outlier removed	3.6	3.6
6/19/2007 2:00	outlier removed	outlier removed	5.1	5.1
6/19/2007 3:00	outlier removed	outlier removed	1.4	1.4
6/19/2007 4:00	outlier removed	outlier removed	2.0	2.0
6/19/2007 5:00	outlier removed	outlier removed	4.3	4.3
6/19/2007 6:00	outlier removed	outlier removed	5.2	5.2
6/19/2007 7:00	outlier removed	outlier removed	6.1	6.1
6/19/2007 8:00	outlier removed	outlier removed	4.3	4.3
6/19/2007 9:00	outlier removed	outlier removed	4.8	4.8
6/19/2007 10:00	outlier removed	outlier removed	7.2	7.2
6/19/2007 11:00	outlier removed	outlier removed	3.8	3.8
6/19/2007 12:00	outlier removed	outlier removed	2.7	2.7
6/19/2007 13:00	outlier removed	outlier removed	3.0	3.0
6/19/2007 14:00	outlier removed	outlier removed	4.9	4.9
6/19/2007 15:00	outlier removed	outlier removed	4.7	4.7
6/19/2007 16:00	outlier removed	outlier removed	1.9	1.9
6/19/2007 17:00	outlier removed	outlier removed	1.7	1.7
6/19/2007 18:00	outlier removed	outlier removed	1.4	1.4
6/19/2007 19:00	outlier removed	outlier removed	6.0	5.7
6/19/2007 20:00	outlier removed	outlier removed	11.3	9.8
6/19/2007 21:00	outlier removed	outlier removed	8.5	8.5
6/19/2007 22:00	outlier removed	outlier removed	17.4	17.4
6/19/2007 23:00	outlier removed	outlier removed	22.6	20.6
6/20/2007 0:00	outlier removed	outlier removed	22.8	21.4
6/20/2007 1:00	outlier removed	outlier removed	25.9	24.8
6/20/2007 2:00	outlier removed	outlier removed	36.6	30.1
6/20/2007 3:00	outlier removed	outlier removed	20.7	20.8
6/20/2007 4:00	outlier removed	outlier removed	39.6	23.2
6/20/2007 5:00	outlier removed	outlier removed	41.8	24.7
6/20/2007 6:00	outlier removed	outlier removed	55.8	25.4
6/20/2007 7:00	outlier removed	outlier removed	42.4	24.0
6/20/2007 8:00	outlier removed	outlier removed	41.1	23.2
6/20/2007 9:00	outlier removed	outlier removed	50.5	24.8
6/20/2007 10:00	outlier removed	outlier removed	33.0	16.3
6/20/2007 11:00	outlier removed	outlier removed	18.1	10.2
6/20/2007 12:00	outlier removed	outlier removed	13.8	7.7
6/20/2007 13:00	outlier removed	outlier removed	9.6	6.0

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
6/20/2007 14:00	outlier removed	outlier removed	12.7	8.1
6/20/2007 15:00	outlier removed	outlier removed	13.2	10.0
6/20/2007 16:00	outlier removed	outlier removed	5.2	5.3
6/20/2007 17:00	outlier removed	outlier removed	3.0	3.0
6/20/2007 18:00	outlier removed	outlier removed	7.4	6.6
6/20/2007 19:00	outlier removed	outlier removed	9.2	8.9
6/20/2007 20:00	outlier removed	outlier removed	3.2	3.2
6/20/2007 21:00	outlier removed	outlier removed	1.3	1.3
6/20/2007 22:00	outlier removed	outlier removed	2.9	2.9
6/20/2007 23:00	outlier removed	outlier removed	9.3	9.3
6/21/2007 0:00	outlier removed	outlier removed	11.6	11.6
6/21/2007 1:00	outlier removed	outlier removed	12.3	12.3
6/21/2007 2:00	outlier removed	outlier removed	10.5	10.5
6/21/2007 3:00	outlier removed	outlier removed	9.8	9.8
6/21/2007 4:00	outlier removed	outlier removed	8.8	8.8
6/21/2007 5:00	outlier removed	outlier removed	12.3	12.3
6/21/2007 6:00	outlier removed	outlier removed	3.8	3.8
6/21/2007 7:00	outlier removed	outlier removed	4.7	4.7
6/21/2007 8:00	outlier removed	outlier removed	8.3	8.3
6/21/2007 9:00	outlier removed	outlier removed	11.0	10.9
6/21/2007 10:00	outlier removed	outlier removed	14.5	12.8
6/21/2007 11:00	outlier removed	outlier removed	5.0	5.0
6/21/2007 12:00	outlier removed	outlier removed	16.1	13.2
6/21/2007 13:00	outlier removed	outlier removed	16.2	12.7
6/21/2007 14:00	outlier removed	outlier removed	22.2	16.8
6/21/2007 15:00	outlier removed	outlier removed	18.1	14.3
6/21/2007 16:00	outlier removed	outlier removed	10.1	8.5
6/21/2007 17:00	outlier removed	outlier removed	12.6	8.4
6/21/2007 18:00	outlier removed	outlier removed	14.1	9.6
6/21/2007 19:00	outlier removed	outlier removed	16.0	11.6
6/21/2007 20:00	outlier removed	outlier removed	16.8	13.8
6/21/2007 21:00	outlier removed	outlier removed	35.4	21.4
6/21/2007 22:00	outlier removed	outlier removed	53.4	24.7
6/21/2007 23:00	outlier removed	outlier removed	53.6	24.0
6/22/2007 0:00	outlier removed	outlier removed	37.9	21.7
6/22/2007 1:00	outlier removed	outlier removed	27.4	17.3
6/22/2007 2:00	outlier removed	outlier removed	39.2	26.2
6/22/2007 3:00	outlier removed	outlier removed	81.9	27.4
6/22/2007 4:00	outlier removed	outlier removed	78.4	25.1
6/22/2007 5:00	outlier removed	outlier removed	81.5	24.5
6/22/2007 6:00	outlier removed	outlier removed	81.9	24.1
6/22/2007 7:00	outlier removed	outlier removed	65.8	23.3
6/22/2007 8:00	outlier removed	outlier removed	34.7	15.1
6/22/2007 9:00	outlier removed	outlier removed	30.2	10.9
6/22/2007 10:00	outlier removed	outlier removed	29.3	9.7
6/22/2007 11:00	outlier removed	outlier removed	23.4	9.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
6/22/2007 12:00	outlier removed	outlier removed	12.2	5.3
6/22/2007 13:00	outlier removed	outlier removed	10.6	5.5
6/22/2007 14:00	outlier removed	outlier removed	21.7	11.2
6/22/2007 15:00	outlier removed	outlier removed	19.9	10.5
6/22/2007 16:00	outlier removed	outlier removed	19.1	10.8
6/22/2007 17:00	outlier removed	outlier removed	20.7	11.4
6/22/2007 18:00	outlier removed	outlier removed	18.9	11.2
6/22/2007 19:00	outlier removed	outlier removed	16.5	9.7
6/22/2007 20:00	outlier removed	outlier removed	19.1	9.9
6/22/2007 21:00	outlier removed	outlier removed	27.3	16.0
6/22/2007 22:00	outlier removed	outlier removed	36.1	19.0
6/22/2007 23:00	outlier removed	outlier removed	38.0	25.4
6/23/2007 0:00	outlier removed	outlier removed	45.6	29.5
6/23/2007 1:00	outlier removed	outlier removed	37.2	25.2
6/23/2007 2:00	outlier removed	outlier removed	32.4	20.1
6/23/2007 3:00	outlier removed	outlier removed	33.6	18.3
6/23/2007 4:00	outlier removed	outlier removed	25.4	16.0
6/23/2007 5:00	outlier removed	outlier removed	39.8	18.3
6/23/2007 6:00	outlier removed	outlier removed	24.2	13.6
6/23/2007 7:00	outlier removed	outlier removed	13.1	10.6
6/23/2007 8:00	outlier removed	outlier removed	5.3	4.5
6/23/2007 9:00	outlier removed	outlier removed	7.2	4.8
6/23/2007 10:00	outlier removed	outlier removed	1.1	1.1
6/23/2007 11:00	outlier removed	outlier removed	0.7	0.7
6/23/2007 12:00	outlier removed	outlier removed	3.1	2.6
6/23/2007 13:00	outlier removed	outlier removed	1.2	1.2
6/23/2007 14:00	outlier removed	outlier removed	0.5	0.5
6/23/2007 15:00	outlier removed	outlier removed	outlier removed	outlier removed
6/23/2007 16:00	outlier removed	outlier removed	outlier removed	outlier removed
6/23/2007 17:00	outlier removed	outlier removed	outlier removed	outlier removed
6/23/2007 18:00	outlier removed	outlier removed	outlier removed	outlier removed
6/23/2007 19:00	outlier removed	outlier removed	outlier removed	outlier removed
6/23/2007 20:00	outlier removed	outlier removed	outlier removed	outlier removed
6/23/2007 21:00	outlier removed	outlier removed	outlier removed	outlier removed
6/23/2007 22:00	outlier removed	outlier removed	0.2	0.2
6/23/2007 23:00	outlier removed	outlier removed	21.2	12.5
6/24/2007 0:00	outlier removed	outlier removed	62.5	22.0
6/24/2007 1:00	outlier removed	outlier removed	69.2	23.1
6/24/2007 2:00	outlier removed	outlier removed	64.7	20.3
6/24/2007 3:00	outlier removed	outlier removed	28.8	17.7
6/24/2007 4:00	outlier removed	outlier removed	30.6	15.9
6/24/2007 5:00	outlier removed	outlier removed	25.3	16.9
6/24/2007 6:00	outlier removed	outlier removed	30.4	18.8
6/24/2007 7:00	outlier removed	outlier removed	29.7	16.6
6/24/2007 8:00	outlier removed	outlier removed	21.0	14.0
6/24/2007 9:00	outlier removed	outlier removed	3.2	3.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
6/24/2007 10:00	outlier removed	outlier removed	1.6	1.6
6/24/2007 11:00	outlier removed	outlier removed	1.2	1.2
6/24/2007 12:00	outlier removed	outlier removed	0.3	0.3
6/24/2007 13:00	outlier removed	outlier removed	0.1	0.1
6/24/2007 14:00	outlier removed	outlier removed	outlier removed	outlier removed
6/24/2007 15:00	outlier removed	outlier removed	0.3	0.3
6/24/2007 16:00	outlier removed	outlier removed	0.1	0.1
6/24/2007 17:00	outlier removed	outlier removed	3.1	3.1
6/24/2007 18:00	outlier removed	outlier removed	3.5	3.5
6/24/2007 19:00	outlier removed	outlier removed	3.9	3.9
6/24/2007 20:00	outlier removed	outlier removed	0.9	0.9
6/24/2007 21:00	outlier removed	outlier removed	outlier removed	outlier removed
6/24/2007 22:00	outlier removed	outlier removed	0.2	0.2
6/24/2007 23:00	outlier removed	outlier removed	1.0	1.0
6/25/2007 0:00	outlier removed	outlier removed	1.3	1.3
6/25/2007 1:00	outlier removed	outlier removed	2.3	2.3
6/25/2007 2:00	outlier removed	outlier removed	1.8	1.8
6/25/2007 3:00	outlier removed	outlier removed	1.6	1.6
6/25/2007 4:00	outlier removed	outlier removed	4.5	4.5
6/25/2007 5:00	outlier removed	outlier removed	32.7	28.9
6/25/2007 6:00	outlier removed	outlier removed	33.5	29.3
6/25/2007 7:00	outlier removed	outlier removed	24.6	20.5
6/25/2007 8:00	outlier removed	outlier removed	16.9	15.3
6/25/2007 9:00	outlier removed	outlier removed	36.5	26.5
6/25/2007 10:00	outlier removed	outlier removed	33.5	24.5
6/25/2007 11:00	outlier removed	outlier removed	19.3	16.3
6/25/2007 12:00	outlier removed	outlier removed	7.3	7.3
6/25/2007 13:00	outlier removed	outlier removed	2.9	2.9
6/25/2007 14:00	outlier removed	outlier removed	2.2	2.2
6/25/2007 15:00	outlier removed	outlier removed	0.4	0.4
6/25/2007 16:00	outlier removed	outlier removed	outlier removed	outlier removed
6/25/2007 17:00	outlier removed	outlier removed	5.3	5.3
6/25/2007 18:00	outlier removed	outlier removed	3.6	3.6
6/25/2007 19:00	outlier removed	outlier removed	1.4	1.4
6/25/2007 20:00	outlier removed	outlier removed	2.6	2.6
6/25/2007 21:00	outlier removed	outlier removed	2.2	2.2
6/25/2007 22:00	outlier removed	outlier removed	0.8	0.8
6/25/2007 23:00	outlier removed	outlier removed	1.3	1.3
6/26/2007 0:00	outlier removed	outlier removed	1.1	1.1
6/26/2007 1:00	outlier removed	outlier removed	1.1	1.1
6/26/2007 2:00	outlier removed	outlier removed	1.5	1.5
6/26/2007 3:00	outlier removed	outlier removed	7.2	7.2
6/26/2007 4:00	outlier removed	outlier removed	52.5	33.1
6/26/2007 5:00	outlier removed	outlier removed	37.2	30.3
6/26/2007 6:00	outlier removed	outlier removed	22.7	22.7
6/26/2007 7:00	outlier removed	outlier removed	46.0	29.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
6/26/2007 8:00	outlier removed	outlier removed	21.3	15.5
6/26/2007 9:00	outlier removed	outlier removed	6.5	6.5
6/26/2007 10:00	outlier removed	outlier removed	6.3	6.3
6/26/2007 11:00	outlier removed	outlier removed	9.7	9.6
6/26/2007 12:00	outlier removed	outlier removed	14.0	12.7
6/26/2007 13:00	outlier removed	outlier removed	3.9	3.9
6/26/2007 14:00	outlier removed	outlier removed	1.9	1.9
6/26/2007 15:00	outlier removed	outlier removed	outlier removed	outlier removed
6/26/2007 16:00	4.8	3.6	0.1	0.1
6/26/2007 17:00	outlier removed	outlier removed	outlier removed	outlier removed
6/26/2007 18:00	22.1	12.2	0.0	
6/26/2007 19:00	25.2	15.0	2.0	2.0
6/26/2007 20:00	24.2	15.0	outlier removed	outlier removed
6/26/2007 21:00	20.2	14.5	outlier removed	outlier removed
6/26/2007 22:00	26.6	21.7	outlier removed	outlier removed
6/26/2007 23:00	27.9	21.7	outlier removed	outlier removed
6/27/2007 0:00	25.3	19.6	outlier removed	outlier removed
6/27/2007 1:00	18.7	11.7	2.5	2.5
6/27/2007 2:00	20.1	11.2	1.1	1.1
6/27/2007 3:00	20.4	13.1	3.1	3.1
6/27/2007 4:00	21.6	12.7	1.2	1.2
6/27/2007 5:00	26.2	16.7	6.0	6.0
6/27/2007 6:00	31.6	19.8	7.6	7.6
6/27/2007 7:00	31.1	16.4	4.2	4.2
6/27/2007 8:00	30.8	14.6	4.9	4.9
6/27/2007 9:00	36.0	16.1	6.2	5.7
6/27/2007 10:00	25.7	11.2	3.7	3.7
6/27/2007 11:00	24.4	10.9	2.9	2.9
6/27/2007 12:00	20.4	9.6	1.5	1.5
6/27/2007 13:00	16.8	8.2	1.3	1.3
6/27/2007 14:00	19.4	12.1	14.7	11.6
6/27/2007 15:00	24.2	13.9	31.7	21.6
6/27/2007 16:00	25.9	18.4	5.8	5.8
6/27/2007 17:00	18.0	10.9	0.6	0.6
6/27/2007 18:00	27.0	15.0	outlier removed	outlier removed
6/27/2007 19:00	38.2	16.5	outlier removed	outlier removed
6/27/2007 20:00	21.2	9.5	0.8	0.8
6/27/2007 21:00	22.5	12.9	outlier removed	outlier removed
6/27/2007 22:00	34.2	20.5	0.5	0.5
6/27/2007 23:00	26.5	14.7	5.2	5.2
6/28/2007 0:00	35.9	21.8	5.1	5.1
6/28/2007 1:00	23.2	12.0	8.5	8.5
6/28/2007 2:00	18.7	8.9	1.1	1.1
6/28/2007 3:00	24.0	12.5	1.2	1.2
6/28/2007 4:00	30.4	14.2	2.0	2.0
6/28/2007 5:00	21.2	10.4	25.8	14.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
6/28/2007 6:00	4.5	0.7	6.8	3.6
6/28/2007 7:00	10.1	5.5	17.8	8.3
6/28/2007 8:00	9.5	4.1	23.1	10.1
6/28/2007 9:00	9.6	3.4	26.9	10.0
6/28/2007 10:00	10.5	3.9	28.5	11.4
6/28/2007 11:00	12.1	5.1	25.4	12.1
6/28/2007 12:00	11.9	4.9	19.7	10.6
6/28/2007 13:00	15.0	6.5	19.0	10.7
6/28/2007 14:00	29.0	15.5	9.8	7.7
6/28/2007 15:00	33.9	18.7	8.8	8.3
6/28/2007 16:00	8.3	3.7	22.5	14.3
6/28/2007 17:00	10.0	4.9	37.2	20.4
6/28/2007 18:00	7.5	2.9	27.1	12.0
6/28/2007 19:00	4.7	0.5	17.9	6.7
6/28/2007 20:00	5.1	1.1	16.7	4.9
6/28/2007 21:00	5.3	1.1	19.3	5.9
6/28/2007 22:00	3.3	outlier removed	13.0	2.9
6/28/2007 23:00	3.3	outlier removed	12.3	2.7
6/29/2007 0:00	4.5	0.4	9.5	2.5
6/29/2007 1:00	5.9	1.9	14.8	5.5
6/29/2007 2:00	9.0	4.2	7.2	3.1
6/29/2007 3:00	7.4	3.0	7.8	4.1
6/29/2007 4:00	7.4	3.2	5.1	2.7
6/29/2007 5:00	6.1	2.0	6.9	3.0
6/29/2007 6:00	6.5	2.4	7.2	3.3
6/29/2007 7:00	9.0	3.8	17.9	6.9
6/29/2007 8:00	11.5	4.2	24.4	8.7
6/29/2007 9:00	12.2	3.9	24.5	7.4
6/29/2007 10:00	11.1	3.4	20.7	7.4
6/29/2007 11:00	7.4	1.7	19.7	7.6
6/29/2007 12:00	4.6	outlier removed	16.4	6.3
6/29/2007 13:00	5.0	0.2	13.6	5.7
6/29/2007 14:00	9.0	3.2	21.5	10.9
6/29/2007 15:00	8.2	3.0	15.6	9.2
6/29/2007 16:00	6.7	2.3	16.0	9.4
6/29/2007 17:00	5.9	1.6	16.8	10.2
6/29/2007 18:00	4.9	0.7	13.1	8.7
6/29/2007 19:00	3.8	outlier removed	19.9	10.3
6/29/2007 20:00	2.7	outlier removed	15.7	9.3
6/29/2007 21:00	4.4	0.4	20.0	15.8
6/29/2007 22:00	14.6	7.9	35.9	29.4
6/29/2007 23:00	54.8	28.6	76.7	40.2
6/30/2007 0:00	76.2	36.7	109.8	37.2
6/30/2007 1:00	59.8	33.7	100.0	34.4
6/30/2007 2:00	77.5	31.2	70.8	28.9
6/30/2007 3:00	68.4	30.2	83.8	27.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
6/30/2007 4:00	36.0	23.9	77.1	25.0
6/30/2007 5:00	57.9	25.5	69.3	22.5
6/30/2007 6:00	77.1	24.8	60.2	20.4
6/30/2007 7:00	87.2	20.5	91.3	18.0
6/30/2007 8:00	118.4	24.1	118.8	25.3
6/30/2007 9:00	82.2	32.9	80.6	32.4
6/30/2007 10:00	44.6	25.6	36.9	24.5
6/30/2007 11:00	19.5	11.1	14.9	11.2
6/30/2007 12:00	10.0	4.4	8.5	6.3
6/30/2007 13:00	7.2	2.0	6.5	4.6
6/30/2007 14:00	5.6	0.9	4.4	2.9
6/30/2007 15:00	7.4	2.2	2.1	2.1
6/30/2007 16:00	3.4	outlier removed	5.9	4.0
6/30/2007 17:00	3.2	outlier removed	2.7	2.7
6/30/2007 18:00	6.5	1.7	10.1	6.6
6/30/2007 19:00	7.4	2.6	7.6	5.2
6/30/2007 20:00	3.6	outlier removed	6.9	5.8
6/30/2007 21:00	4.0	0.1	12.6	11.1
6/30/2007 22:00	5.2	1.4	9.7	6.8
6/30/2007 23:00	8.6	4.7	7.1	5.8
7/1/2007 0:00	18.5	14.1	13.8	12.2
7/1/2007 1:00	6.8	2.9	10.5	9.8
7/1/2007 2:00	8.4	4.1	17.2	13.8
7/1/2007 3:00	7.7	3.5	5.0	5.1
7/1/2007 4:00	6.1	2.1	3.1	3.1
7/1/2007 5:00	5.5	1.6	2.2	2.2
7/1/2007 6:00	5.8	1.8	1.4	1.4
7/1/2007 7:00	5.9	1.6	2.9	2.9
7/1/2007 8:00	6.9	1.8	4.5	2.1
7/1/2007 9:00	6.5	1.2	4.6	2.2
7/1/2007 10:00	4.4	outlier removed	2.0	0.2
7/1/2007 11:00	2.8	outlier removed	1.7	outlier removed
7/1/2007 12:00	2.8	outlier removed	1.4	outlier removed
7/1/2007 13:00	2.5	outlier removed	outlier removed	outlier removed
7/1/2007 14:00	2.4	outlier removed	3.1	0.4
7/1/2007 15:00	2.8	outlier removed	3.1	0.3
7/1/2007 16:00	2.7	outlier removed	2.7	outlier removed
7/1/2007 17:00	2.8	outlier removed	3.3	0.3
7/1/2007 18:00	2.6	outlier removed	2.5	0.1
7/1/2007 19:00	2.5	outlier removed	2.4	outlier removed
7/1/2007 20:00	2.2	outlier removed	1.6	outlier removed
7/1/2007 21:00	2.4	outlier removed	1.5	outlier removed
7/1/2007 22:00	3.0	outlier removed	0.2	outlier removed
7/1/2007 23:00	4.1	0.3	2.1	0.7
7/2/2007 0:00	3.9	0.1	0.5	outlier removed
7/2/2007 1:00	4.8	0.9	2.9	1.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
7/2/2007 2:00	11.0	5.1	17.3	10.2
7/2/2007 3:00	10.9	6.0	20.6	10.5
7/2/2007 4:00	22.4	9.8	20.7	10.7
7/2/2007 5:00	23.1	10.8	26.6	11.7
7/2/2007 6:00	34.2	11.1	20.6	10.2
7/2/2007 7:00	34.7	9.9	29.5	9.7
7/2/2007 8:00	20.4	6.3	15.6	4.8
7/2/2007 9:00	2.7	outlier removed	2.1	outlier removed
7/2/2007 10:00	2.3	outlier removed	2.6	outlier removed
7/2/2007 11:00	2.0	outlier removed	outlier removed	outlier removed
7/2/2007 12:00	2.6	outlier removed	2.1	outlier removed
7/2/2007 13:00	2.0	outlier removed	0.7	outlier removed
7/2/2007 14:00	1.9	outlier removed	3.5	0.3
7/2/2007 15:00	3.0	outlier removed	1.9	0.1
7/2/2007 16:00	3.0	outlier removed	outlier removed	outlier removed
7/2/2007 17:00	4.1	outlier removed	2.5	0.6
7/2/2007 18:00	3.9	outlier removed	0.1	outlier removed
7/2/2007 19:00	9.4	2.2	outlier removed	outlier removed
7/2/2007 20:00	9.3	3.0	outlier removed	outlier removed
7/2/2007 21:00	11.6	5.6	outlier removed	outlier removed
7/2/2007 22:00	10.2	5.7	outlier removed	outlier removed
7/2/2007 23:00	14.6	9.8	outlier removed	outlier removed
7/3/2007 0:00	17.3	10.4	6.5	6.5
7/3/2007 1:00	18.9	10.6	outlier removed	outlier removed
7/3/2007 2:00	13.5	6.3	outlier removed	outlier removed
7/3/2007 3:00	9.5	4.9	outlier removed	outlier removed
7/3/2007 4:00	5.4	1.4	11.6	11.8
7/3/2007 5:00	15.9	6.5	19.9	14.5
7/3/2007 6:00	18.5	11.3	36.5	19.2
7/3/2007 7:00	7.4	3.2	34.0	17.9
7/3/2007 8:00	11.7	6.4	43.7	20.5
7/3/2007 9:00	10.5	4.6	16.3	10.4
7/3/2007 10:00	4.8	0.4	0.4	0.4
7/3/2007 11:00	13.0	5.7	outlier removed	outlier removed
7/3/2007 12:00	16.3	6.7	outlier removed	outlier removed
7/3/2007 13:00	11.8	4.1	outlier removed	outlier removed
7/3/2007 14:00	18.1	8.1	0.4	0.4
7/3/2007 15:00	10.9	4.0	outlier removed	outlier removed
7/3/2007 16:00	6.9	1.8	outlier removed	outlier removed
7/3/2007 17:00	12.4	5.3	outlier removed	outlier removed
7/3/2007 18:00	14.2	6.2	outlier removed	outlier removed
7/3/2007 19:00	13.7	8.3	outlier removed	outlier removed
7/3/2007 20:00	13.3	8.5	outlier removed	outlier removed
7/3/2007 21:00	7.2	3.3	outlier removed	outlier removed
7/3/2007 22:00	5.6	1.9	outlier removed	outlier removed
7/3/2007 23:00	5.5	1.6	outlier removed	outlier removed

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
7/4/2007 0:00	6.9	3.0	outlier removed	outlier removed
7/4/2007 1:00	12.5	8.2	outlier removed	outlier removed
7/4/2007 2:00	9.1	4.7	outlier removed	outlier removed
7/4/2007 3:00	13.1	8.6	outlier removed	outlier removed
7/4/2007 4:00	12.5	7.7	0.3	0.3
7/4/2007 5:00	20.9	15.9	4.7	4.7
7/4/2007 6:00	18.4	12.9	5.0	5.0
7/4/2007 7:00	17.3	11.5	13.0	10.3
7/4/2007 8:00	26.4	14.5	19.0	17.1
7/4/2007 9:00	33.6	18.8	3.0	3.0
7/4/2007 10:00	30.7	18.3	2.4	2.4
7/4/2007 11:00	19.4	8.9	2.2	2.2
7/4/2007 12:00	15.6	5.8	outlier removed	outlier removed
7/4/2007 13:00	13.2	5.0	outlier removed	outlier removed
7/4/2007 14:00	23.2	11.6	outlier removed	outlier removed
7/4/2007 15:00	18.4	7.4	outlier removed	outlier removed
7/4/2007 16:00	31.3	16.7	3.0	3.0
7/4/2007 17:00	25.8	13.0	5.4	5.0
7/4/2007 18:00	22.6	10.8	4.5	4.5
7/4/2007 19:00	18.1	9.9	6.2	6.2
7/4/2007 20:00	28.2	15.8	4.0	4.0
7/4/2007 21:00	34.6	21.5	11.3	11.3
7/4/2007 22:00	32.8	22.7	7.2	7.2
7/4/2007 23:00	31.4	24.6	53.1	38.4
7/5/2007 0:00	58.9	29.9	51.3	36.2
7/5/2007 1:00	77.5	36.5	33.5	29.2
7/5/2007 2:00	63.4	28.0	24.6	20.2
7/5/2007 3:00	60.0	27.5	15.4	15.6
7/5/2007 4:00	30.4	19.1	30.8	16.3
7/5/2007 5:00	42.2	17.6	25.2	13.4
7/5/2007 6:00	59.8	14.8	28.6	15.1
7/5/2007 7:00	78.9	15.4	12.5	10.4
7/5/2007 8:00	65.4	24.5	33.5	18.8
7/5/2007 9:00	46.8	24.2	27.1	19.8
7/5/2007 10:00	33.5	20.1	31.5	19.2
7/5/2007 11:00	37.6	19.7	20.2	14.4
7/5/2007 12:00	29.2	16.4	22.0	15.9
7/5/2007 13:00	33.8	19.3	18.6	14.9
7/5/2007 14:00	25.1	13.8	7.2	7.2
7/5/2007 15:00	24.2	13.4	8.1	7.6
7/5/2007 16:00	22.4	11.9	8.1	7.2
7/5/2007 17:00	24.4	12.9	4.4	4.2
7/5/2007 18:00	39.4	21.6	15.4	12.7
7/5/2007 19:00	25.2	13.5	7.5	7.3
7/5/2007 20:00	19.8	10.7	6.9	6.6
7/5/2007 21:00	5.1	1.0	8.7	5.5

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
7/5/2007 22:00	12.4	6.7	15.0	12.4
7/5/2007 23:00	24.2	15.6	outlier removed	outlier removed
7/6/2007 0:00	25.4	16.2	0.2	0.2
7/6/2007 1:00	20.8	13.4	21.1	12.4
7/6/2007 2:00	37.5	22.1	66.4	30.3
7/6/2007 3:00	33.6	18.5	44.0	25.9
7/6/2007 4:00	43.1	28.0	60.0	32.3
7/6/2007 5:00	55.0	31.5	53.8	34.1
7/6/2007 6:00	56.8	27.6	76.6	32.4
7/6/2007 7:00	78.2	25.7	52.7	26.2
7/6/2007 8:00	54.7	21.2	32.6	17.8
7/6/2007 9:00	48.7	22.1	43.9	20.9
7/6/2007 10:00	36.1	18.3	36.7	19.2
7/6/2007 11:00	20.8	11.2	18.0	11.3
7/6/2007 12:00	19.1	10.2	15.9	11.1
7/6/2007 13:00	15.9	7.9	12.4	9.1
7/6/2007 14:00	12.2	5.6	7.2	5.9
7/6/2007 15:00	10.9	4.7	6.3	5.5
7/6/2007 16:00	13.6	7.0	4.9	4.9
7/6/2007 17:00	19.0	10.0	2.8	2.8
7/6/2007 18:00	12.8	6.6	8.0	7.4
7/6/2007 19:00	16.9	8.9	9.1	8.0
7/6/2007 20:00	27.4	14.5	11.5	10.5
7/6/2007 21:00	34.8	21.2	18.2	16.5
7/6/2007 22:00	23.2	15.3	26.2	21.5
7/6/2007 23:00	34.1	25.2	71.4	27.9
7/7/2007 0:00	82.9	37.0	23.6	20.2
7/7/2007 1:00	70.5	31.7	12.9	12.9
7/7/2007 2:00	47.6	29.4	41.3	30.4
7/7/2007 3:00	48.0	29.5	39.2	30.0
7/7/2007 4:00	43.7	25.2	22.3	21.3
7/7/2007 5:00	38.0	21.3	35.8	24.4
7/7/2007 6:00	37.6	19.8	17.9	15.2
7/7/2007 7:00	47.9	19.2	31.8	15.5
7/7/2007 8:00	47.6	19.6	42.6	20.7
7/7/2007 9:00	35.9	18.6	18.8	13.5
7/7/2007 10:00	60.1	32.8	35.0	23.0
7/7/2007 11:00	17.0	7.9	3.3	3.3
7/7/2007 12:00	13.4	5.8	2.6	2.6
7/7/2007 13:00	9.8	3.2	outlier removed	outlier removed
7/7/2007 14:00	7.9	1.9	outlier removed	outlier removed
7/7/2007 15:00	10.2	3.3	outlier removed	outlier removed
7/7/2007 16:00	8.1	2.5	outlier removed	outlier removed
7/7/2007 17:00	10.6	3.9	outlier removed	outlier removed
7/7/2007 18:00	8.0	2.4	outlier removed	outlier removed
7/7/2007 19:00	7.9	2.6	outlier removed	outlier removed

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
7/7/2007 20:00	9.7	4.3	outlier removed	outlier removed
7/7/2007 21:00	13.0	7.9	outlier removed	outlier removed
7/7/2007 22:00	15.4	11.1	outlier removed	outlier removed
7/7/2007 23:00	19.2	14.8	outlier removed	outlier removed
7/8/2007 0:00	31.0	25.8	outlier removed	outlier removed
7/8/2007 1:00	28.8	23.8	outlier removed	outlier removed
7/8/2007 2:00	17.9	13.3	2.4	2.4
7/8/2007 3:00	7.8	3.5	1.0	1.0
7/8/2007 4:00	5.2	1.0	outlier removed	outlier removed
7/8/2007 5:00	6.1	1.6	outlier removed	outlier removed
7/8/2007 6:00	7.8	3.3	0.5	0.5
7/8/2007 7:00	11.2	6.4	5.0	5.0
7/8/2007 8:00	13.0	6.7	1.7	1.7
7/8/2007 9:00	10.8	4.5	0.7	0.7
7/8/2007 10:00	8.9	2.5	0.6	0.6
7/8/2007 11:00	9.3	3.0	outlier removed	outlier removed
7/8/2007 12:00	10.5	3.8	outlier removed	outlier removed
7/8/2007 13:00	10.0	3.8	outlier removed	outlier removed
7/8/2007 14:00	8.6	2.6	outlier removed	outlier removed
7/8/2007 15:00	10.6	4.4	outlier removed	outlier removed
7/8/2007 16:00	10.8	3.8	outlier removed	outlier removed
7/8/2007 17:00	9.9	3.5	outlier removed	outlier removed
7/8/2007 18:00	10.6	4.0	outlier removed	outlier removed
7/8/2007 19:00	11.8	4.4	outlier removed	outlier removed
7/8/2007 20:00	11.9	4.9	outlier removed	outlier removed
7/8/2007 21:00	10.2	4.1	outlier removed	outlier removed
7/8/2007 22:00	12.5	5.8	outlier removed	outlier removed
7/8/2007 23:00	11.9	5.5	outlier removed	outlier removed
7/9/2007 0:00	11.7	5.6	outlier removed	outlier removed
7/9/2007 1:00	10.9	5.4	1.5	1.5
7/9/2007 2:00	9.5	4.0	0.4	0.4
7/9/2007 3:00	8.3	3.3	2.5	2.5
7/9/2007 4:00	7.2	2.2	0.3	0.3
7/9/2007 5:00	6.9	2.0	outlier removed	outlier removed
7/9/2007 6:00	9.9	4.0	outlier removed	outlier removed
7/9/2007 7:00	19.2	10.6	0.5	0.5
7/9/2007 8:00	26.9	14.8	1.8	1.8
7/9/2007 9:00	24.8	12.0	2.7	2.7
7/9/2007 10:00	20.9	9.8	1.6	1.6
7/9/2007 11:00	19.6	9.0	1.5	1.5
7/9/2007 12:00	17.1	8.7	1.0	1.0
7/9/2007 13:00	14.3	6.9	0.3	0.3
7/9/2007 14:00	12.7	5.5	outlier removed	outlier removed
7/9/2007 15:00	15.4	6.8	outlier removed	outlier removed
7/9/2007 16:00	15.7	8.2	outlier removed	outlier removed
7/9/2007 17:00	15.4	7.4	outlier removed	outlier removed

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
7/9/2007 18:00	15.7	8.3	outlier removed	outlier removed
7/9/2007 19:00	16.0	8.8	outlier removed	outlier removed
7/9/2007 20:00	23.7	17.3	outlier removed	outlier removed
7/9/2007 21:00	25.0	19.8	outlier removed	outlier removed
7/9/2007 22:00	22.3	17.8	2.2	2.2
7/9/2007 23:00	21.0	16.5	2.1	2.1
7/10/2007 0:00	20.5	15.6	8.6	8.2
7/10/2007 1:00	14.7	10.3	20.2	19.0
7/10/2007 2:00	20.9	14.9	23.7	21.3
7/10/2007 3:00	25.6	16.9	24.0	20.8
7/10/2007 4:00	21.2	13.6	19.8	18.7
7/10/2007 5:00	28.8	18.2	12.5	12.5
7/10/2007 6:00	39.7	22.8	5.5	5.5
7/10/2007 7:00	45.4	24.8	3.0	3.0
7/10/2007 8:00	37.6	19.8	3.4	3.4
7/10/2007 9:00	25.3	13.2	5.3	5.3
7/10/2007 10:00	22.9	11.4	4.9	4.9
7/10/2007 11:00	23.7	12.2	7.4	7.1
7/10/2007 12:00	22.2	12.3	4.8	4.8
7/10/2007 13:00	14.1	7.9	0.5	0.5
7/10/2007 14:00	15.1	8.8	0.9	0.9
7/10/2007 15:00	outlier removed	4.5	outlier removed	outlier removed
7/10/2007 16:00	8.1	5.8	outlier removed	0.4
7/10/2007 17:00	5.0	3.0	0.9	0.9
7/10/2007 18:00	5.6	3.0	outlier removed	outlier removed
7/10/2007 19:00	6.6	3.7	0.3	0.3
7/10/2007 20:00	7.4	4.9	0.7	0.7
7/10/2007 21:00	8.1	6.3	1.9	1.9
7/10/2007 22:00	8.6	6.3	2.2	2.2
7/10/2007 23:00	11.3	9.7	2.5	2.5
7/11/2007 0:00	8.8	7.3	3.0	3.0
7/11/2007 1:00	4.5	3.9	3.3	3.3
7/11/2007 2:00	8.4	7.1	5.6	5.6
7/11/2007 3:00	6.1	4.9	5.3	5.3
7/11/2007 4:00	3.1	2.2	2.5	2.5
7/11/2007 5:00	4.2	2.5	1.0	1.0
7/11/2007 6:00	9.6	7.6	8.0	8.0
7/11/2007 7:00	9.3	6.5	8.8	8.8
7/11/2007 8:00	12.0	6.7	12.8	10.3
7/11/2007 9:00	15.9	7.9	16.5	11.6
7/11/2007 10:00	12.4	5.0	13.0	7.9
7/11/2007 11:00	9.3	3.3	9.5	6.7
7/11/2007 12:00	10.4	4.0	5.5	4.6
7/11/2007 13:00	7.6	2.1	10.6	6.2
7/11/2007 14:00	6.7	2.2	8.1	5.6
7/11/2007 15:00	8.5	2.9	6.9	4.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
7/11/2007 16:00	9.0	3.2	9.1	6.1
7/11/2007 17:00	8.9	4.1	11.7	7.4
7/11/2007 18:00	10.9	5.2	9.4	6.4
7/11/2007 19:00	16.0	9.0	11.7	8.8
7/11/2007 20:00	18.0	9.4	12.2	9.5
7/11/2007 21:00	28.9	15.8	17.9	15.2
7/11/2007 22:00	40.1	21.2	6.9	6.9
7/11/2007 23:00	40.9	25.5	21.4	21.0
7/12/2007 0:00	20.7	13.8	9.2	9.2
7/12/2007 1:00	25.9	18.9	4.9	4.9
7/12/2007 2:00	26.1	18.5	6.7	6.7
7/12/2007 3:00	27.5	21.3	7.5	7.5
7/12/2007 4:00	20.8	16.5	4.8	4.8
7/12/2007 5:00	19.4	17.4	5.1	5.1
7/12/2007 6:00	17.6	13.0	3.6	3.6
7/12/2007 7:00	18.7	10.0	9.5	9.5
7/12/2007 8:00	23.9	11.3	7.5	7.5
7/12/2007 9:00	24.3	9.9	7.5	7.1
7/12/2007 10:00	27.9	11.9	9.6	8.2
7/12/2007 11:00	12.8	5.0	4.4	4.4
7/12/2007 12:00	9.0	2.9	2.2	2.2
7/12/2007 13:00	12.1	5.4	1.2	1.2
7/12/2007 14:00	8.5	3.5	0.8	0.8
7/12/2007 15:00	11.0	3.9	0.6	0.6
7/12/2007 16:00	9.8	3.7	0.7	0.7
7/12/2007 17:00	6.9	2.6	0.6	0.6
7/12/2007 18:00	13.6	6.1	0.5	0.5
7/12/2007 19:00	9.7	3.6	0.6	0.6
7/12/2007 20:00	11.5	4.7	0.5	0.5
7/12/2007 21:00	18.1	11.4	3.9	3.9
7/12/2007 22:00	21.9	16.7	4.6	4.6
7/12/2007 23:00	22.2	16.0	2.4	2.4
7/13/2007 0:00	20.8	16.2	4.3	4.3
7/13/2007 1:00	15.8	12.8	12.6	12.6
7/13/2007 2:00	23.7	16.7	22.9	15.4
7/13/2007 3:00	30.9	20.4	22.3	17.1
7/13/2007 4:00	26.3	17.4	15.1	11.1
7/13/2007 5:00	25.4	18.4	13.4	13.3
7/13/2007 6:00	15.0	10.8	14.6	14.6
7/13/2007 7:00	38.0	19.0	23.9	19.5
7/13/2007 8:00	28.9	14.4	28.4	18.2
7/13/2007 9:00	21.4	9.7	17.9	11.5
7/13/2007 10:00	20.8	8.3	16.3	9.7
7/13/2007 11:00	13.0	3.9	9.9	6.5
7/13/2007 12:00	11.3	2.8	9.1	5.2
7/13/2007 13:00	6.1	1.3	7.1	4.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
7/13/2007 14:00	3.1	0.5	6.6	4.3
7/13/2007 15:00	12.4	4.3	4.1	4.1
7/13/2007 16:00	16.0	7.0	9.7	7.7
7/13/2007 17:00	10.3	4.4	5.0	4.8
7/13/2007 18:00	11.6	5.1	5.0	4.8
7/13/2007 19:00	17.5	8.1	5.8	5.5
7/13/2007 20:00	20.7	10.7	6.9	6.9
7/13/2007 21:00	37.1	18.9	4.5	4.5
7/13/2007 22:00	22.2	18.9	33.0	18.3
7/13/2007 23:00	14.8	13.7	61.2	26.8
7/14/2007 0:00	2.5	2.5	19.2	14.9
7/14/2007 1:00	3.5	3.5	16.7	13.8
7/14/2007 2:00	outlier removed	outlier removed	6.4	6.4
7/14/2007 3:00	7.1	5.2	1.2	1.2
7/14/2007 4:00	6.0	5.5	1.1	1.1
7/14/2007 5:00	10.7	7.8	3.9	3.9
7/14/2007 6:00	24.6	13.2	8.5	8.5
7/14/2007 7:00	22.9	12.2	8.5	8.5
7/14/2007 8:00	15.4	8.1	5.1	5.1
7/14/2007 9:00	7.2	3.1	4.0	4.0
7/14/2007 10:00	14.1	8.0	4.1	4.1
7/14/2007 11:00	5.0	2.8	3.6	3.6
7/14/2007 12:00	2.9	1.0	2.4	2.4
7/14/2007 13:00	8.2	5.3	3.5	3.5
7/14/2007 14:00	1.3	outlier removed	1.2	1.2
7/14/2007 15:00	2.9	1.0	0.1	0.1
7/14/2007 16:00	3.8	1.9	1.3	1.3
7/14/2007 17:00	12.0	9.2	5.6	5.6
7/14/2007 18:00	13.9	11.2	7.5	7.5
7/14/2007 19:00	19.9	13.6	5.8	5.8
7/14/2007 20:00	6.2	4.5	2.9	2.9
7/14/2007 21:00	9.1	7.8	2.3	2.3
7/14/2007 22:00	9.1	7.5	3.0	3.0
7/14/2007 23:00	15.3	13.2	7.1	7.1
7/15/2007 0:00	22.7	18.8	11.2	11.2
7/15/2007 1:00	20.7	16.5	12.3	12.3
7/15/2007 2:00	6.3	5.0	7.6	7.6
7/15/2007 3:00	3.6	2.8	6.3	6.3
7/15/2007 4:00	4.4	2.6	6.1	6.1
7/15/2007 5:00	0.3	0.3	6.3	6.3
7/15/2007 6:00	3.2	2.2	5.1	5.1
7/15/2007 7:00	9.3	5.8	14.6	11.4
7/15/2007 8:00	7.9	4.5	7.9	7.0
7/15/2007 9:00	2.7	1.1	5.2	4.1
7/15/2007 10:00	1.5	outlier removed	3.8	3.2
7/15/2007 11:00	1.8	outlier removed	4.3	3.5

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
7/15/2007 12:00	2.0	outlier removed	1.7	1.7
7/15/2007 13:00	3.7	0.8	1.6	1.6
7/15/2007 14:00	1.5	outlier removed	0.9	0.9
7/15/2007 15:00	4.5	2.3	3.2	3.2
7/15/2007 16:00	11.0	6.1	2.7	2.7
7/15/2007 17:00	4.9	2.3	0.6	0.6
7/15/2007 18:00	10.9	6.6	1.9	1.9
7/15/2007 19:00	12.4	7.5	1.4	1.4
7/15/2007 20:00	6.3	5.0	0.0	0.0
7/15/2007 21:00	17.4	12.8	1.6	1.6
7/15/2007 22:00	15.4	13.2	2.9	2.9
7/15/2007 23:00	20.5	19.5	4.6	4.6
7/16/2007 0:00	24.0	21.2	18.1	18.1
7/16/2007 1:00	52.5	31.0	29.2	28.7
7/16/2007 2:00	29.2	21.4	20.3	20.3
7/16/2007 3:00	50.9	26.6	8.5	8.5
7/16/2007 4:00	66.5	28.2	23.7	17.5
7/16/2007 5:00	29.6	23.0	24.2	22.8
7/16/2007 6:00	60.0	26.6	16.6	14.7
7/16/2007 7:00	84.4	26.5	17.5	16.3
7/16/2007 8:00	88.8	21.4	20.3	13.2
7/16/2007 9:00	59.7	23.9	51.3	25.1
7/16/2007 10:00	35.3	17.6	27.4	17.2
7/16/2007 11:00	17.7	9.8	15.4	11.7
7/16/2007 12:00	28.0	14.9	15.6	12.2
7/16/2007 13:00	14.2	6.8	3.5	3.5
7/16/2007 14:00	12.2	7.0	3.6	3.6
7/16/2007 15:00	8.3	5.1	1.9	1.9
7/16/2007 16:00	16.6	13.3	3.3	3.3
7/16/2007 17:00	16.6	12.5	5.3	5.3
7/16/2007 18:00	18.1	11.3	5.0	5.0
7/16/2007 19:00	27.3	16.3	4.1	4.1
7/16/2007 20:00	31.4	19.3	2.3	2.3
7/16/2007 21:00	39.9	27.0	4.4	4.4
7/16/2007 22:00	22.2	14.3	2.1	2.1
7/16/2007 23:00	15.7	14.6	3.3	3.3
7/17/2007 0:00	34.0	20.7	19.8	18.5
7/17/2007 1:00	17.7	15.9	4.0	4.0
7/17/2007 2:00	8.2	7.9	31.4	25.5
7/17/2007 3:00	27.9	15.9	31.3	22.4
7/17/2007 4:00	12.3	9.5	50.3	23.8
7/17/2007 5:00	6.9	4.8	40.1	23.1
7/17/2007 6:00	6.4	5.9	32.8	20.4
7/17/2007 7:00	7.8	7.0	40.5	21.0
7/17/2007 8:00	9.1	7.5	42.0	23.4
7/17/2007 9:00	6.0	5.5	38.0	24.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
7/17/2007 10:00	7.6	6.7	33.8	23.4
7/17/2007 11:00	7.3	5.5	6.5	6.5
7/17/2007 12:00	12.5	7.1	45.7	19.1
7/17/2007 13:00	35.9	14.7	10.8	10.8
7/17/2007 14:00	40.6	22.8	10.7	10.7
7/17/2007 15:00	25.9	17.9	6.1	6.1
7/17/2007 16:00	20.0	14.5	7.3	7.3
7/17/2007 17:00	15.3	10.2	4.2	4.2
7/17/2007 18:00	15.5	10.3	2.0	2.0
7/17/2007 19:00	15.2	11.9	0.5	0.5
7/17/2007 20:00	12.3	9.3	0.0	0.0
7/17/2007 21:00	17.9	13.8	0.4	0.4
7/17/2007 22:00	26.2	22.1	1.6	1.6
7/17/2007 23:00	24.9	22.4	2.4	2.4
7/18/2007 0:00	15.7	14.1	3.1	3.1
7/18/2007 1:00	17.5	10.9	3.7	3.7
7/18/2007 2:00	7.0	7.0	11.1	10.8
7/18/2007 3:00	35.5	17.7	3.1	3.1
7/18/2007 4:00	27.1	13.9	4.2	4.2
7/18/2007 5:00	40.7	15.9	3.3	3.3
7/18/2007 6:00	20.2	12.7	3.5	3.5
7/18/2007 7:00	44.3	12.2	5.1	5.1
7/18/2007 8:00	33.5	14.4	7.7	7.7
7/18/2007 9:00	41.9	18.8	13.8	12.5
7/18/2007 10:00	33.2	14.4	13.6	11.3
7/18/2007 11:00	31.1	15.8	12.6	10.1
7/18/2007 12:00	25.2	15.1	12.8	10.7
7/18/2007 13:00	19.6	13.5	7.0	7.0
7/18/2007 14:00	18.5	13.7	4.4	4.4
7/18/2007 15:00	12.3	9.1	3.2	3.2
7/18/2007 16:00	9.7	6.8	1.6	1.6
7/18/2007 17:00	16.6	11.9	2.7	2.7
7/18/2007 18:00	14.1	9.5	2.0	2.0
7/18/2007 19:00	14.4	9.2	1.6	1.6
7/18/2007 20:00	13.4	9.5	1.6	1.6
7/18/2007 21:00	26.0	20.2	2.9	2.9
7/18/2007 22:00	24.8	23.9	3.4	3.4
7/18/2007 23:00	27.9	23.8	3.8	3.8
7/19/2007 0:00	26.9	21.5	4.2	4.2
7/19/2007 1:00	11.0	9.1	4.4	4.4
7/19/2007 2:00	10.1	7.9	7.5	7.5
7/19/2007 3:00	7.8	6.2	5.2	5.2
7/19/2007 4:00	4.4	3.3	4.5	4.5
7/19/2007 5:00	7.0	4.1	1.0	1.0
7/19/2007 6:00	10.5	6.5	1.8	1.8
7/19/2007 7:00	22.5	12.7	3.4	3.4

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
7/19/2007 8:00	26.0	13.4	6.9	6.9
7/19/2007 9:00	26.7	13.5	7.8	7.8
7/19/2007 10:00	26.9	13.4	6.0	6.0
7/19/2007 11:00	29.0	15.3	6.2	6.2
7/19/2007 12:00	24.9	14.2	6.3	6.3
7/19/2007 13:00	22.9	12.5	6.4	6.4
7/19/2007 14:00	17.3	8.7	2.3	2.3
7/19/2007 15:00	21.0	11.3	3.3	3.3
7/19/2007 16:00	15.7	9.1	4.1	4.1
7/19/2007 17:00	12.6	9.0	8.4	7.4
7/19/2007 18:00	4.6	2.6	29.6	14.2
7/19/2007 19:00	outlier removed	outlier removed	21.9	10.6
7/19/2007 20:00	12.7	8.9	24.6	14.3
7/19/2007 21:00	10.3	8.1	19.1	12.9
7/19/2007 22:00	12.2	11.1	20.6	15.1
7/19/2007 23:00	3.6	3.2	12.3	8.7
7/20/2007 0:00	8.3	7.5	20.0	14.3
7/20/2007 1:00	9.6	7.7	11.6	9.9
7/20/2007 2:00	1.3	0.9	7.1	6.2
7/20/2007 3:00	1.0	0.3	7.2	5.1
7/20/2007 4:00	4.8	2.6	5.9	4.2
7/20/2007 5:00	3.3	1.9	8.8	5.1
7/20/2007 6:00	1.4	0.7	12.1	5.5
7/20/2007 7:00	1.2	0.5	13.7	6.7
7/20/2007 8:00	7.9	3.1	23.7	9.3
7/20/2007 9:00	7.9	2.4	24.0	8.5
7/20/2007 10:00	10.7	3.1	21.8	7.7
7/20/2007 11:00	12.4	3.3	18.0	7.5
7/20/2007 12:00	2.2	outlier removed	15.3	6.6
7/20/2007 13:00	2.8	outlier removed	14.7	6.0
7/20/2007 14:00	2.7	0.3	13.1	7.0
7/20/2007 15:00	1.9	0.0	14.7	7.7
7/20/2007 16:00	outlier removed	outlier removed	19.4	9.5
7/20/2007 17:00	outlier removed	outlier removed	15.3	8.3
7/20/2007 18:00	1.4	outlier removed	16.0	7.0
7/20/2007 19:00	outlier removed	outlier removed	12.2	6.7
7/20/2007 20:00	0.2	outlier removed	17.3	9.9
7/20/2007 21:00		outlier removed	18.0	9.6
7/20/2007 22:00	2.2	2.2	24.6	12.7
7/20/2007 23:00	8.8	8.8	29.1	18.3
7/21/2007 0:00	outlier removed	outlier removed	22.8	11.7
7/21/2007 1:00	outlier removed	outlier removed	35.1	17.5
7/21/2007 2:00	10.7	8.7	49.2	18.8
7/21/2007 3:00	2.5	2.5	29.8	14.4
7/21/2007 4:00	12.6	6.8	15.9	11.4
7/21/2007 5:00	24.7	8.8	53.9	16.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
7/21/2007 6:00	36.2	8.2	33.0	12.2
7/21/2007 7:00	43.7	7.3	77.6	13.5
7/21/2007 8:00	44.2	6.7	43.9	12.3
7/21/2007 9:00	7.7	2.6	15.6	7.2
7/21/2007 10:00	1.7	outlier removed	11.7	5.7
7/21/2007 11:00	outlier removed	outlier removed	8.8	3.9
7/21/2007 12:00	outlier removed	outlier removed	7.7	3.2
7/21/2007 13:00	outlier removed	outlier removed	6.0	2.0
7/21/2007 14:00	outlier removed	outlier removed	8.2	3.2
7/21/2007 15:00	outlier removed	outlier removed	5.0	3.2
7/21/2007 16:00	outlier removed	outlier removed	5.5	3.9
7/21/2007 17:00	outlier removed	outlier removed	6.6	3.9
7/21/2007 18:00	outlier removed	outlier removed	5.1	4.0
7/21/2007 19:00	outlier removed	outlier removed	6.6	4.3
7/21/2007 20:00	outlier removed	outlier removed	6.9	5.5
7/21/2007 21:00	outlier removed	outlier removed	12.1	10.6
7/21/2007 22:00	4.8	4.8	23.5	18.3
7/21/2007 23:00	31.2	19.9	28.0	21.8
7/22/2007 0:00	48.1	20.1	25.7	18.1
7/22/2007 1:00	48.1	17.4	40.6	20.1
7/22/2007 2:00	33.4	14.4	63.8	20.9
7/22/2007 3:00	43.6	13.7	47.9	18.8
7/22/2007 4:00	57.3	11.4	54.9	16.4
7/22/2007 5:00	60.4	9.8	52.5	16.2
7/22/2007 6:00	55.8	9.1	53.9	16.7
7/22/2007 7:00	58.0	8.6	52.0	16.7
7/22/2007 8:00	48.4	9.2	35.4	14.4
7/22/2007 9:00	11.3	5.7	18.0	10.2
7/22/2007 10:00	5.7	2.5	13.6	8.1
7/22/2007 11:00	4.4	1.8	18.3	9.3
7/22/2007 12:00	outlier removed	outlier removed	3.1	3.0
7/22/2007 13:00	outlier removed	outlier removed	1.2	1.2
7/22/2007 14:00	outlier removed	outlier removed	outlier removed	outlier removed
7/22/2007 15:00	outlier removed	outlier removed	1.2	1.2
7/22/2007 16:00	outlier removed	outlier removed	outlier removed	outlier removed
7/22/2007 17:00	outlier removed	outlier removed	1.5	1.5
7/22/2007 18:00	outlier removed	outlier removed	3.1	2.9
7/22/2007 19:00	outlier removed	outlier removed	6.1	5.3
7/22/2007 20:00	outlier removed	outlier removed	8.6	7.2
7/22/2007 21:00	outlier removed	outlier removed	8.8	8.8
7/22/2007 22:00	outlier removed	outlier removed	13.1	13.2
7/22/2007 23:00	12.1	6.4	46.3	26.9
7/23/2007 0:00	11.2	8.8	56.0	23.8
7/23/2007 1:00	9.0	5.6	53.8	23.3
7/23/2007 2:00	29.9	12.1	74.3	26.8
7/23/2007 3:00	43.5	15.9	82.1	25.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
7/23/2007 4:00	77.4	20.1	72.2	24.0
7/23/2007 5:00	51.1	19.8	78.4	21.7
7/23/2007 6:00	95.1	19.1	82.7	22.4
7/23/2007 7:00	84.2	16.9	87.0	23.0
7/23/2007 8:00	61.3	17.3	85.9	29.1
7/23/2007 9:00	34.8	19.0	54.4	24.6
7/23/2007 10:00	16.1	10.3	36.6	18.7
7/23/2007 11:00	3.9	2.3	18.5	10.2
7/23/2007 12:00	outlier removed	outlier removed	17.2	9.3
7/23/2007 13:00	outlier removed	outlier removed	15.9	8.9
7/23/2007 14:00	outlier removed	outlier removed	12.8	8.3
7/23/2007 15:00	outlier removed	outlier removed	23.0	11.7
7/23/2007 16:00	outlier removed	outlier removed	16.0	8.7
7/23/2007 17:00	outlier removed	outlier removed	9.6	6.4
7/23/2007 18:00	outlier removed	outlier removed	5.2	4.7
7/23/2007 19:00	outlier removed	outlier removed	6.7	5.2
7/23/2007 20:00	outlier removed	outlier removed	1.6	1.6
7/23/2007 21:00	1.0	1.0	2.2	2.2
7/23/2007 22:00	27.4	18.4	4.1	4.1
7/23/2007 23:00	35.6	22.9	3.9	3.9
7/24/2007 0:00	87.8	32.2	33.5	20.9
7/24/2007 1:00	110.3	30.1	8.8	8.8
7/24/2007 2:00	61.6	27.6	2.2	2.2
7/24/2007 3:00	36.5	22.9	15.3	10.7
7/24/2007 4:00	10.8	10.8	20.5	16.8
7/24/2007 5:00	9.9	7.1	15.7	15.2
7/24/2007 6:00	11.0	10.3	8.5	7.7
7/24/2007 7:00	1.0	1.0	47.6	33.8
7/24/2007 8:00	6.0	6.0	69.4	37.3
7/24/2007 9:00	23.4	16.9	13.9	12.8
7/24/2007 10:00	20.3	13.1	2.1	2.1
7/24/2007 11:00	15.1	9.8	2.1	2.1
7/24/2007 12:00	11.7	6.1	1.6	1.6
7/24/2007 13:00	11.3	5.8	1.5	1.5
7/24/2007 14:00	8.6	4.3	0.8	0.8
7/24/2007 15:00	8.5	4.6	0.4	0.4
7/24/2007 16:00	8.5	4.4	0.1	0.1
7/24/2007 17:00	8.0	4.5	outlier removed	outlier removed
7/24/2007 18:00	13.9	10.4	outlier removed	outlier removed
7/24/2007 19:00	17.7	12.5	0.2	0.2
7/24/2007 20:00	21.1	15.8	0.1	0.1
7/24/2007 21:00	24.1	18.9	0.3	0.3
7/24/2007 22:00	19.9	18.5	3.5	3.5
7/24/2007 23:00	48.6	34.9	5.3	5.3
7/25/2007 0:00	40.6	27.5	5.5	5.5
7/25/2007 1:00	30.0	25.7	27.8	20.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
7/25/2007 2:00	23.6	19.5	78.8	34.7
7/25/2007 3:00	24.5	14.7	68.0	32.3
7/25/2007 4:00	81.3	31.5	38.1	27.9
7/25/2007 5:00	74.9	28.4	28.4	19.6
7/25/2007 6:00	67.2	27.7	41.6	23.4
7/25/2007 7:00	56.4	27.1	6.6	6.6
7/25/2007 8:00	42.6	20.8	6.0	6.0
7/25/2007 9:00	23.2	14.2	3.9	3.9
7/25/2007 10:00	12.1	7.4	1.0	1.0
7/25/2007 11:00	7.6	5.2	1.1	1.1
7/25/2007 12:00	7.6	3.8	1.5	1.5
7/25/2007 13:00	5.6	3.6	1.4	1.4
7/25/2007 14:00	9.7	6.1	0.2	0.2
7/25/2007 15:00	24.3	17.8	18.5	15.4
7/25/2007 16:00	40.5	24.0	13.7	12.6
7/25/2007 17:00	29.4	15.7	8.1	8.1
7/25/2007 18:00	15.6	7.5	6.0	6.0
7/25/2007 19:00	19.7	10.2	2.3	2.3
7/25/2007 20:00	23.5	14.7	0.3	0.3
7/25/2007 21:00	19.2	14.6	0.2	0.2
7/25/2007 22:00	12.9	11.1	5.7	5.7
7/25/2007 23:00	6.5	6.0	14.3	13.3
7/26/2007 0:00	13.0	9.4	2.9	2.9
7/26/2007 1:00	5.0	5.0	24.4	23.8
7/26/2007 2:00	5.7	4.9	14.2	14.2
7/26/2007 3:00	23.3	16.5	13.1	13.1
7/26/2007 4:00	0.7	0.7	2.7	2.7
7/26/2007 5:00	21.1	14.1	1.3	1.3
7/26/2007 6:00	21.8	17.0	1.9	1.9
7/26/2007 7:00	25.5	18.1	3.5	3.5
7/26/2007 8:00	43.2	15.9	7.2	7.2
7/26/2007 9:00	28.8	13.6	7.0	7.0
7/26/2007 10:00	46.5	34.3	7.4	7.4
7/26/2007 11:00	24.6	18.7	5.6	5.6
7/26/2007 12:00	13.1	9.5	1.3	1.3
7/26/2007 13:00	9.9	7.3	0.7	0.7
7/26/2007 14:00	8.2	5.8	outlier removed	0.0
7/26/2007 15:00	outlier removed	10.2	outlier removed	outlier removed
7/26/2007 16:00	18.2	14.8	2.9	2.9
7/26/2007 17:00	12.0	9.4	outlier removed	outlier removed
7/26/2007 18:00	15.2	12.0	outlier removed	outlier removed
7/26/2007 19:00	12.7	9.8	2.5	2.5
7/26/2007 20:00	22.3	19.6	4.6	4.6
7/26/2007 21:00	16.8	15.3	1.2	1.2
7/26/2007 22:00	20.1	19.5	1.1	1.1
7/26/2007 23:00	21.2	19.7	1.4	1.4

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
7/27/2007 0:00	21.2	20.2	0.8	0.8
7/27/2007 1:00	15.8	13.0	27.5	21.3
7/27/2007 2:00	17.9	13.1	2.1	2.1
7/27/2007 3:00	6.8	5.6	0.4	0.4
7/27/2007 4:00	8.5	7.8	11.3	11.3
7/27/2007 5:00	9.0	8.1	9.9	9.9
7/27/2007 6:00	16.2	12.8	10.2	10.2
7/27/2007 7:00	24.1	15.3	5.0	5.0
7/27/2007 8:00	16.8	12.4	22.8	14.8
7/27/2007 9:00	29.4	18.5	3.6	3.6
7/27/2007 10:00	16.7	10.6	1.2	1.2
7/27/2007 11:00	16.4	9.1	outlier removed	outlier removed
7/27/2007 12:00	13.0	8.5	0.9	0.9
7/27/2007 13:00	17.5	12.7	3.6	3.6
7/27/2007 14:00	17.1	13.6	6.4	6.4
7/27/2007 15:00	22.5	17.3	5.4	5.4
7/27/2007 16:00	20.7	16.6	6.6	6.6
7/27/2007 17:00	19.1	15.5	2.8	2.8
7/27/2007 18:00	14.0	11.9	1.7	1.7
7/27/2007 19:00	17.2	14.4	2.1	2.1
7/27/2007 20:00	6.9	6.0	14.8	14.8
7/27/2007 21:00	24.8	20.6	4.0	4.0
7/27/2007 22:00	19.1	15.7	1.5	1.5
7/27/2007 23:00	19.3	16.3	9.8	9.8
7/28/2007 0:00	25.4	19.9	34.9	25.6
7/28/2007 1:00	22.0	17.4	36.4	28.6
7/28/2007 2:00	26.8	19.0	21.8	17.8
7/28/2007 3:00	2.6	2.5	6.9	6.9
7/28/2007 4:00	3.4	3.4	6.2	6.2
7/28/2007 5:00	12.9	12.0	13.0	13.0
7/28/2007 6:00	5.5	5.5	6.0	6.0
7/28/2007 7:00	4.5	4.5	3.9	3.9
7/28/2007 8:00	3.0	3.0	6.5	6.1
7/28/2007 9:00	2.9	2.6	5.5	5.1
7/28/2007 10:00	5.1	4.3	9.5	7.1
7/28/2007 11:00	5.1	4.4	8.4	6.8
7/28/2007 12:00	5.3	4.6	9.6	7.4
7/28/2007 13:00	3.8	3.5	11.1	8.6
7/28/2007 14:00	3.8	3.4	7.8	7.5
7/28/2007 15:00	2.9	2.9	6.1	5.8
7/28/2007 16:00	2.2	2.1	4.3	4.0
7/28/2007 17:00	2.3	1.9	4.7	4.3
7/28/2007 18:00	1.7	1.6	5.4	4.4
7/28/2007 19:00	1.5	1.6	6.7	5.1
7/28/2007 20:00	0.5	0.5	5.7	4.4
7/28/2007 21:00	1.0	1.0	6.6	5.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
7/28/2007 22:00	0.8	0.9	3.2	3.2
7/28/2007 23:00	3.0	3.0	8.5	8.1
7/29/2007 0:00	2.8	2.8	4.4	4.4
7/29/2007 1:00	3.9	3.9	8.0	8.0
7/29/2007 2:00	3.5	3.4	5.6	5.6
7/29/2007 3:00	4.5	4.5	6.4	6.4
7/29/2007 4:00	4.1	4.0	6.1	6.1
7/29/2007 5:00	6.4	6.4	7.8	7.8
7/29/2007 6:00	5.0	4.9	6.9	6.9
7/29/2007 7:00	4.1	3.8	5.0	5.0
7/29/2007 8:00	4.1	3.5	6.3	5.5
7/29/2007 9:00	5.3	3.6	6.7	4.4
7/29/2007 10:00	3.2	2.6	7.5	5.0
7/29/2007 11:00	3.2	2.6	5.6	4.3
7/29/2007 12:00	2.8	2.4	8.4	5.7
7/29/2007 13:00	3.4	2.7	6.9	5.0
7/29/2007 14:00	2.8	2.5	6.0	4.0
7/29/2007 15:00	2.1	1.9	3.7	2.7
7/29/2007 16:00	2.9	2.9	4.8	3.8
7/29/2007 17:00	3.6	3.4	6.5	5.5
7/29/2007 18:00	3.5	3.3	6.0	5.5
7/29/2007 19:00	4.4	3.6	9.3	8.1
7/29/2007 20:00	6.4	6.3	9.3	8.5
7/29/2007 21:00	25.6	25.4	27.0	22.5
7/29/2007 22:00	12.4	12.4	27.4	23.0
7/29/2007 23:00	3.5	3.5	12.8	9.1
7/30/2007 0:00	3.2	3.2	10.1	7.6
7/30/2007 1:00	3.3	3.3	14.5	11.1
7/30/2007 2:00	36.4	20.0	22.7	18.6
7/30/2007 3:00	43.5	21.0	47.5	20.1
7/30/2007 4:00	39.0	19.5	25.0	18.1
7/30/2007 5:00	63.7	21.0	47.1	20.6
7/30/2007 6:00	71.6	20.2	43.9	21.0
7/30/2007 7:00	49.0	18.8	46.0	22.5
7/30/2007 8:00	54.4	18.1	48.8	20.9
7/30/2007 9:00	31.4	17.5	46.4	19.0
7/30/2007 10:00	19.2	12.9	28.8	14.2
7/30/2007 11:00	11.5	8.7	26.6	13.7
7/30/2007 12:00	6.5	5.4	20.8	10.3
7/30/2007 13:00	9.6	7.7	23.4	13.0
7/30/2007 14:00	4.3	4.0	15.2	9.8
7/30/2007 15:00	4.5	3.9	15.0	10.6
7/30/2007 16:00	5.8	5.2	14.5	11.9
7/30/2007 17:00	4.9	4.5	10.0	8.9
7/30/2007 18:00	4.2	4.1	13.7	11.0
7/30/2007 19:00	4.1	4.0	13.1	11.5

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
7/30/2007 20:00	29.9	20.8	outlier removed	outlier removed
7/30/2007 21:00	27.3	22.2	outlier removed	outlier removed
7/30/2007 22:00	22.0	21.3	outlier removed	outlier removed
7/30/2007 23:00	28.6	27.8	7.7	7.7
7/31/2007 0:00	46.5	38.0	3.7	3.7
7/31/2007 1:00	36.7	32.0	22.1	11.8
7/31/2007 2:00	57.4	34.4	10.5	10.5
7/31/2007 3:00	97.6	36.2	6.3	6.3
7/31/2007 4:00	59.8	28.6	5.0	5.0
7/31/2007 5:00	54.9	24.2	6.9	6.9
7/31/2007 6:00	37.7	25.9	11.1	11.0
7/31/2007 7:00	119.3	27.5	8.5	8.5
7/31/2007 8:00	97.3	24.1	12.1	10.3
7/31/2007 9:00	52.1	24.4	22.0	15.7
7/31/2007 10:00	48.1	26.2	17.5	14.1
7/31/2007 11:00	47.6	30.7	17.1	15.1
7/31/2007 12:00	29.1	23.0	6.1	6.1
7/31/2007 13:00	20.1	16.9	4.4	4.4
7/31/2007 14:00	21.3	18.0	3.2	3.2
7/31/2007 15:00	19.0	15.8	3.2	3.2
7/31/2007 16:00	16.4	14.5	2.9	2.9
7/31/2007 17:00	13.6	12.4	0.6	0.6
7/31/2007 18:00	19.9	17.3	outlier removed	outlier removed
7/31/2007 19:00	17.2	15.1	outlier removed	outlier removed
7/31/2007 20:00	19.8	18.5	outlier removed	0.0
7/31/2007 21:00	28.0	26.6	outlier removed	outlier removed
7/31/2007 22:00	23.3	23.1	outlier removed	outlier removed
7/31/2007 23:00	35.7	31.8	outlier removed	0.0
8/1/2007 0:00	31.8	29.6	1.6	1.6
8/1/2007 1:00	13.9	13.9	0.8	0.8
8/1/2007 2:00	10.5	10.5	51.4	37.0
8/1/2007 3:00	8.4	8.4	64.8	34.3
8/1/2007 4:00	48.6	23.6	29.0	20.7
8/1/2007 5:00	53.9	24.0	6.0	6.0
8/1/2007 6:00	38.3	22.8	10.2	10.2
8/1/2007 7:00	74.6	19.0	16.9	15.2
8/1/2007 8:00	77.7	20.4	43.1	19.1
8/1/2007 9:00	59.9	28.9	80.6	34.2
8/1/2007 10:00	35.1	27.2	41.8	27.4
8/1/2007 11:00	39.7	28.9	28.0	23.0
8/1/2007 12:00	36.4	29.0	21.4	20.3
8/1/2007 13:00	52.6	42.3	22.7	20.4
8/1/2007 14:00	24.6	20.6	18.3	18.3
8/1/2007 15:00	10.5	10.3	12.8	12.8
8/1/2007 16:00	13.6	13.3	9.6	9.6
8/1/2007 17:00	13.5	13.0	5.1	5.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
8/1/2007 18:00	15.3	14.6	2.0	2.0
8/1/2007 19:00	17.2	16.8	1.1	1.1
8/1/2007 20:00	21.6	20.8	0.5	0.5
8/1/2007 21:00	20.7	20.6	1.1	1.1
8/1/2007 22:00	13.3	13.3	1.6	1.6
8/1/2007 23:00	23.1	22.8	1.3	1.3
8/2/2007 0:00	13.2	13.2	1.3	1.3
8/2/2007 1:00	18.5	18.5	0.9	0.9
8/2/2007 2:00	9.5	9.4	outlier removed	outlier removed
8/2/2007 3:00	15.5	15.2	outlier removed	outlier removed
8/2/2007 4:00	14.5	14.1	outlier removed	outlier removed
8/2/2007 5:00	22.6	20.7	0.8	0.8
8/2/2007 6:00	27.6	19.4	outlier removed	0.0
8/2/2007 7:00	45.7	23.1	5.0	5.0
8/2/2007 8:00	68.5	20.1	10.7	10.7
8/2/2007 9:00	89.1	43.7	58.2	33.4
8/2/2007 10:00	62.7	39.6	46.5	34.8
8/2/2007 11:00	49.4	32.9	33.6	28.5
8/2/2007 12:00	58.1	41.1	29.3	25.7
8/2/2007 13:00	28.8	24.7	6.8	6.8
8/2/2007 14:00	19.8	16.6	2.5	2.5
8/2/2007 15:00	16.1	14.1	1.6	1.6
8/2/2007 16:00	13.9	12.0	1.3	1.3
8/2/2007 17:00	14.0	12.2	1.3	1.3
8/2/2007 18:00	16.6	14.1	outlier removed	outlier removed
8/2/2007 19:00	13.2	11.9	outlier removed	outlier removed
8/2/2007 20:00	11.2	10.3	outlier removed	outlier removed
8/2/2007 21:00	17.0	16.5	outlier removed	outlier removed
8/2/2007 22:00	18.0	17.8	outlier removed	outlier removed
8/2/2007 23:00	14.2	14.1	1.9	1.9
8/3/2007 0:00	16.1	14.9	1.1	1.1
8/3/2007 1:00	18.6	16.9	3.3	3.3
8/3/2007 2:00	23.4	21.1	6.2	6.2
8/3/2007 3:00	30.2	25.2	6.7	6.7
8/3/2007 4:00	25.1	23.7	8.0	8.0
8/3/2007 5:00	35.7	30.7	7.3	7.3
8/3/2007 6:00	32.3	27.0	6.7	6.7
8/3/2007 7:00	37.9	28.5	5.7	5.7
8/3/2007 8:00	51.1	33.1	8.3	8.3
8/3/2007 9:00	56.1	34.0	28.4	24.8
8/3/2007 10:00	47.2	30.7	27.9	23.8
8/3/2007 11:00	44.1	31.4	27.4	23.9
8/3/2007 12:00	36.2	25.1	19.9	17.3
8/3/2007 13:00	21.2	14.4	2.6	2.6
8/3/2007 14:00	17.2	12.1	3.7	3.7
8/3/2007 15:00	16.4	11.8	3.5	3.5

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
8/3/2007 16:00	15.3	11.6	3.7	3.7
8/3/2007 17:00	18.1	13.2	1.8	1.8
8/3/2007 18:00	18.8	14.2	5.1	5.1
8/3/2007 19:00	17.8	14.5	7.1	7.1
8/3/2007 20:00	25.4	21.5	13.7	13.7
8/3/2007 21:00	33.7	30.3	35.6	33.9
8/3/2007 22:00	44.3	36.6	79.8	58.4
8/3/2007 23:00	105.1	53.9	106.4	56.6
8/4/2007 0:00	107.2	53.4	116.4	54.4
8/4/2007 1:00	93.1	48.4	146.4	49.6
8/4/2007 2:00	27.8	27.0	44.2	32.9
8/4/2007 3:00	9.4	9.4	17.0	17.0
8/4/2007 4:00	4.8	4.8	12.8	12.8
8/4/2007 5:00	3.0	3.0	8.6	8.6
8/4/2007 6:00	10.0	10.0	15.5	14.4
8/4/2007 7:00	15.0	15.0	14.4	12.4
8/4/2007 8:00	20.3	15.2	13.0	10.5
8/4/2007 9:00	13.0	10.0	27.7	16.7
8/4/2007 10:00	7.8	6.0	21.8	13.4
8/4/2007 11:00	3.6	2.9	14.3	8.4
8/4/2007 12:00	3.2	2.6	8.1	5.7
8/4/2007 13:00	2.8	2.6	8.2	6.6
8/4/2007 14:00	3.1	2.9	7.7	7.2
8/4/2007 15:00	4.2	3.7	5.3	5.0
8/4/2007 16:00	3.6	3.2	5.4	5.6
8/4/2007 17:00	1.7	1.7	5.4	5.4
8/4/2007 18:00	0.5	0.5	5.2	5.2
8/4/2007 19:00	outlier removed	outlier removed	6.9	6.5
8/4/2007 20:00	2.4	2.4	7.8	7.8
8/4/2007 21:00	13.3	13.2	18.1	16.0
8/4/2007 22:00	16.0	16.0	21.9	18.7
8/4/2007 23:00	9.3	9.3	25.0	20.0
8/5/2007 0:00	4.8	4.8	13.5	11.4
8/5/2007 1:00	4.0	4.0	10.3	8.8
8/5/2007 2:00	1.2	1.2	3.8	3.8
8/5/2007 3:00	0.2	0.2	3.6	3.6
8/5/2007 4:00	7.6	5.8	4.1	4.1
8/5/2007 5:00	2.7	2.7	6.0	6.0
8/5/2007 6:00	5.0	3.5	2.3	2.3
8/5/2007 7:00	0.1	0.1	3.5	3.5
8/5/2007 8:00	0.1	0.1	4.1	4.1
8/5/2007 9:00	0.5	0.4	5.6	5.5
8/5/2007 10:00	4.6	4.0	4.4	4.4
8/5/2007 11:00	14.1	8.3	2.9	2.9
8/5/2007 12:00	4.8	4.6	8.6	8.6
8/5/2007 13:00	5.0	4.3	15.5	12.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
8/5/2007 14:00	3.8	3.3	10.0	7.6
8/5/2007 15:00	2.7	2.4	15.7	9.6
8/5/2007 16:00	3.4	2.9	14.7	10.7
8/5/2007 17:00	7.3	4.9	8.7	8.1
8/5/2007 18:00	10.9	7.9	7.9	7.9
8/5/2007 19:00	4.9	4.8	12.6	12.6
8/5/2007 20:00	6.4	6.1	4.5	4.5
8/5/2007 21:00	5.6	5.3	4.1	4.1
8/5/2007 22:00	6.6	6.4	19.6	16.1
8/5/2007 23:00	9.3	6.3	24.4	18.3
8/6/2007 0:00	22.5	11.7	1.6	1.6
8/6/2007 1:00	18.5	10.3	4.9	4.9
8/6/2007 2:00	23.3	7.3	7.2	6.5
8/6/2007 3:00	14.9	9.0	12.3	9.9
8/6/2007 4:00	14.6	9.9	5.5	5.5
8/6/2007 5:00	20.8	16.4	1.9	1.9
8/6/2007 6:00	18.7	11.5	10.1	8.6
8/6/2007 7:00	37.3	15.5	26.3	18.1
8/6/2007 8:00	21.6	14.1	17.5	14.6
8/6/2007 9:00	22.8	16.2	14.9	13.3
8/6/2007 10:00	15.1	10.6	10.2	9.9
8/6/2007 11:00	14.3	10.3	8.2	8.2
8/6/2007 12:00	21.1	15.0	13.0	11.6
8/6/2007 13:00	20.8	13.1	8.1	7.4
8/6/2007 14:00	10.3	5.8	6.1	6.1
8/6/2007 15:00	15.1	10.0	2.8	2.8
8/6/2007 16:00	13.0	8.4	2.1	2.1
8/6/2007 17:00	12.2	7.7	1.9	1.9
8/6/2007 18:00	12.8	8.9	1.9	1.9
8/6/2007 19:00	16.3	12.1	0.9	0.9
8/6/2007 20:00	18.1	14.0	outlier removed	outlier removed
8/6/2007 21:00	17.8	16.0	outlier removed	outlier removed
8/6/2007 22:00	21.9	18.9	4.6	4.6
8/6/2007 23:00	7.1	7.0	17.2	17.1
8/7/2007 0:00	17.9	10.8	38.0	29.7
8/7/2007 1:00	34.0	24.3	6.7	6.7
8/7/2007 2:00	outlier removed	outlier removed	18.5	16.9
8/7/2007 3:00	outlier removed	outlier removed	11.1	11.1
8/7/2007 4:00	outlier removed	outlier removed	3.4	3.4
8/7/2007 5:00	outlier removed	outlier removed	9.7	9.7
8/7/2007 6:00	outlier removed	outlier removed	1.3	1.3
8/7/2007 7:00	outlier removed	outlier removed	2.8	2.8
8/7/2007 8:00	outlier removed	outlier removed	0.9	0.9
8/7/2007 9:00	outlier removed	outlier removed	outlier removed	outlier removed
8/7/2007 10:00	outlier removed	outlier removed	outlier removed	outlier removed
8/7/2007 11:00	outlier removed	outlier removed	outlier removed	outlier removed

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
8/7/2007 12:00	outlier removed	outlier removed	outlier removed	outlier removed
8/7/2007 13:00	outlier removed	outlier removed	outlier removed	outlier removed
8/7/2007 14:00	outlier removed	outlier removed	2.7	2.7
8/7/2007 15:00	outlier removed	outlier removed	1.9	1.9
8/7/2007 16:00	outlier removed	outlier removed	0.9	0.9
8/7/2007 17:00	outlier removed	outlier removed	outlier removed	outlier removed
8/7/2007 18:00	outlier removed	outlier removed	outlier removed	outlier removed
8/7/2007 19:00	outlier removed	outlier removed	outlier removed	outlier removed
8/7/2007 20:00	outlier removed	outlier removed	0.6	0.6
8/7/2007 21:00	outlier removed	outlier removed	2.0	2.0
8/7/2007 22:00	outlier removed	outlier removed	0.1	0.1
8/7/2007 23:00	outlier removed	outlier removed	3.7	3.7
8/8/2007 0:00	outlier removed	outlier removed	3.8	3.8
8/8/2007 1:00	outlier removed	outlier removed	3.4	3.4
8/8/2007 2:00	outlier removed	outlier removed	2.2	2.2
8/8/2007 3:00	outlier removed	outlier removed	1.1	1.1
8/8/2007 4:00	outlier removed	outlier removed	0.8	0.8
8/8/2007 5:00	outlier removed	outlier removed	1.9	1.9
8/8/2007 6:00	outlier removed	outlier removed	4.9	4.9
8/8/2007 7:00	outlier removed	outlier removed	8.3	8.3
8/8/2007 8:00	outlier removed	outlier removed	38.2	24.1
8/8/2007 9:00	outlier removed	outlier removed	17.7	13.8
8/8/2007 10:00	outlier removed	outlier removed	13.7	10.7
8/8/2007 11:00	outlier removed	outlier removed	16.5	14.6
8/8/2007 12:00	outlier removed	outlier removed	20.2	18.2
8/8/2007 13:00	outlier removed	outlier removed	15.6	14.9
8/8/2007 14:00	outlier removed	outlier removed	4.8	4.8
8/8/2007 15:00	outlier removed	outlier removed	2.9	2.9
8/8/2007 16:00	outlier removed	outlier removed	2.8	2.8
8/8/2007 17:00	outlier removed	outlier removed	15.1	13.6
8/8/2007 18:00	outlier removed	outlier removed	11.1	11.1
8/8/2007 19:00	outlier removed	outlier removed	14.6	12.1
8/8/2007 20:00	outlier removed	outlier removed	18.4	10.9
8/8/2007 21:00	outlier removed	outlier removed	15.0	7.1
8/8/2007 22:00	outlier removed	outlier removed	14.3	5.9
8/8/2007 23:00	outlier removed	outlier removed	10.0	4.8
8/9/2007 0:00	outlier removed	outlier removed	9.9	5.7
8/9/2007 1:00	outlier removed	outlier removed	8.3	4.9
8/9/2007 2:00	7.5	3.3	13.2	9.4
8/9/2007 3:00	2.0	1.5	12.4	10.1
8/9/2007 4:00	5.6	5.3	11.5	10.7
8/9/2007 5:00	7.5	7.1	12.5	9.7
8/9/2007 6:00	2.0	2.0	15.0	11.4
8/9/2007 7:00	6.9	6.9	29.6	17.6
8/9/2007 8:00	12.0	11.1	42.5	21.9
8/9/2007 9:00	6.3	5.3	33.6	14.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
8/9/2007 10:00	6.6	5.3	27.7	10.8
8/9/2007 11:00	11.6	9.0	26.9	14.2
8/9/2007 12:00	15.2	8.6	8.8	6.6
8/9/2007 13:00	6.4	4.5	31.7	12.9
8/9/2007 14:00	11.3	6.5	3.2	2.7
8/9/2007 15:00	29.7	13.9	1.1	1.1
8/9/2007 16:00	29.7	17.5	7.0	7.0
8/9/2007 17:00	34.1	21.1	23.1	17.8
8/9/2007 18:00	30.0	20.3	27.8	24.2
8/9/2007 19:00	12.9	11.0	33.6	21.4
8/9/2007 20:00	14.0	13.0	26.8	14.8
8/9/2007 21:00	3.3	3.0	26.2	14.0
8/9/2007 22:00	3.0	2.8	24.5	12.7
8/9/2007 23:00	5.3	4.9	25.1	14.8
8/10/2007 0:00	5.8	5.4	23.3	14.2
8/10/2007 1:00	3.2	2.9	17.7	12.3
8/10/2007 2:00	5.0	4.0	18.8	12.9
8/10/2007 3:00	1.8	1.6	13.3	8.8
8/10/2007 4:00	1.6	1.5	12.7	8.3
8/10/2007 5:00	1.1	1.1	16.5	11.5
8/10/2007 6:00	1.9	1.7	16.2	10.6
8/10/2007 7:00	3.3	3.2	23.9	12.9
8/10/2007 8:00	8.7	7.5	24.8	12.9
8/10/2007 9:00	9.4	6.9	26.2	13.2
8/10/2007 10:00	11.6	8.6	28.2	14.7
8/10/2007 11:00	12.0	8.6	21.1	11.8
8/10/2007 12:00	8.5	6.6	26.9	15.8
8/10/2007 13:00	5.7	4.6	19.0	11.8
8/10/2007 14:00	4.0	3.5	17.9	11.7
8/10/2007 15:00	4.8	4.2	13.1	9.6
8/10/2007 16:00	5.3	4.5	8.4	7.5
8/10/2007 17:00	4.0	3.5	20.5	16.3
8/10/2007 18:00	6.3	5.6	3.9	3.9
8/10/2007 19:00	4.7	4.5	18.4	13.3
8/10/2007 20:00	2.7	2.7	19.7	14.9
8/10/2007 21:00	5.4	5.4	23.9	19.2
8/10/2007 22:00	15.2	15.2	45.5	28.9
8/10/2007 23:00	12.7	12.7	35.8	23.6
8/11/2007 0:00	28.7	18.1	19.9	19.9
8/11/2007 1:00	70.1	23.2	73.1	23.2
8/11/2007 2:00	outlier removed	outlier removed	63.5	18.5
8/11/2007 3:00	outlier removed	outlier removed	104.9	19.1
8/11/2007 4:00	outlier removed	outlier removed	89.6	17.4
8/11/2007 5:00	outlier removed	outlier removed	73.0	17.5
8/11/2007 6:00	outlier removed	outlier removed	54.4	17.7
8/11/2007 7:00	outlier removed	outlier removed	47.3	17.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
8/11/2007 8:00	outlier removed	outlier removed	60.1	19.9
8/11/2007 9:00	outlier removed	outlier removed	37.3	16.6
8/11/2007 10:00	outlier removed	outlier removed	21.5	12.5
8/11/2007 11:00	outlier removed	outlier removed	16.5	9.2
8/11/2007 12:00	outlier removed	outlier removed	10.8	6.1
8/11/2007 13:00	outlier removed	outlier removed	7.3	3.9
8/11/2007 14:00	outlier removed	outlier removed	1.6	1.6
8/11/2007 15:00	outlier removed	outlier removed	2.0	2.0
8/11/2007 16:00	outlier removed	outlier removed	2.9	2.5
8/11/2007 17:00	outlier removed	outlier removed	2.0	2.0
8/11/2007 18:00	outlier removed	outlier removed	outlier removed	outlier removed
8/11/2007 19:00	outlier removed	outlier removed	outlier removed	outlier removed
8/11/2007 20:00	outlier removed	outlier removed	outlier removed	outlier removed
8/11/2007 21:00	outlier removed	outlier removed	outlier removed	outlier removed
8/11/2007 22:00	outlier removed	outlier removed	outlier removed	outlier removed
8/11/2007 23:00	outlier removed	outlier removed	0.2	0.2
8/12/2007 0:00	outlier removed	outlier removed	0.6	0.6
8/12/2007 1:00	outlier removed	outlier removed	0.6	0.6
8/12/2007 2:00	7.5	6.3	0.6	0.6
8/12/2007 3:00	7.6	6.9	0.4	0.4
8/12/2007 4:00	4.5	4.5	1.8	1.8
8/12/2007 5:00	10.2	8.6	1.8	1.8
8/12/2007 6:00	10.5	8.4	0.4	0.4
8/12/2007 7:00	11.5	8.7	1.7	1.7
8/12/2007 8:00	19.0	13.4	7.4	7.4
8/12/2007 9:00	11.8	8.4	5.5	5.5
8/12/2007 10:00	9.8	7.1	4.1	4.1
8/12/2007 11:00	12.9	8.3	2.2	2.2
8/12/2007 12:00	11.7	7.5	2.3	2.3
8/12/2007 13:00	22.9	15.6	16.6	13.6
8/12/2007 14:00	13.3	10.8	9.0	9.0
8/12/2007 15:00	14.8	12.5	9.7	9.7
8/12/2007 16:00	13.8	11.0	4.5	4.5
8/12/2007 17:00	14.8	11.3	3.2	3.2
8/12/2007 18:00	14.4	11.2	3.6	3.6
8/12/2007 19:00	8.8	7.5	7.6	7.2
8/12/2007 20:00	2.0	2.0	12.9	12.9
8/12/2007 21:00	3.2	3.2	22.3	22.3
8/12/2007 22:00	13.1	13.0	10.8	10.8
8/12/2007 23:00	52.3	42.7	4.3	4.3
8/13/2007 0:00	64.1	43.4	28.3	27.6
8/13/2007 1:00	28.8	23.4	22.2	21.7
8/13/2007 2:00	outlier removed	outlier removed	6.3	6.3
8/13/2007 3:00	outlier removed	outlier removed	4.0	4.0
8/13/2007 4:00	outlier removed	outlier removed	4.1	4.1
8/13/2007 5:00	outlier removed	outlier removed	2.8	2.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
8/13/2007 6:00	outlier removed	outlier removed	6.9	4.6
8/13/2007 7:00	outlier removed	outlier removed	11.7	7.0
8/13/2007 8:00	outlier removed	outlier removed	20.5	11.0
8/13/2007 9:00	outlier removed	outlier removed	21.4	8.5
8/13/2007 10:00	outlier removed	outlier removed	21.7	9.2
8/13/2007 11:00	outlier removed	outlier removed	18.7	9.3
8/13/2007 12:00	outlier removed	outlier removed	18.0	7.6
8/13/2007 13:00	outlier removed	outlier removed	16.8	7.9
8/13/2007 14:00	outlier removed	outlier removed	16.4	8.8
8/13/2007 15:00	outlier removed	outlier removed	14.7	8.7
8/13/2007 16:00	outlier removed	outlier removed	9.2	7.4
8/13/2007 17:00	outlier removed	outlier removed	23.6	12.6
8/13/2007 18:00	outlier removed	outlier removed	7.8	6.6
8/13/2007 19:00	outlier removed	outlier removed	0.3	0.3
8/13/2007 20:00	outlier removed	outlier removed	1.8	1.8
8/13/2007 21:00	outlier removed	outlier removed	30.0	18.3
8/13/2007 22:00	outlier removed	outlier removed	52.5	29.5
8/13/2007 23:00	outlier removed	outlier removed	26.1	26.1
8/14/2007 0:00	outlier removed	outlier removed	50.1	28.5
8/14/2007 1:00	outlier removed	outlier removed	24.8	23.5
8/14/2007 2:00	59.0	22.8	78.1	23.5
8/14/2007 3:00	44.6	18.4	30.3	19.5
8/14/2007 4:00	26.7	15.5	18.3	12.3
8/14/2007 5:00	2.1	2.1	35.2	19.4
8/14/2007 6:00	8.4	6.5	42.1	21.6
8/14/2007 7:00	12.3	11.3	58.4	24.2
8/14/2007 8:00	55.6	18.8	19.1	13.7
8/14/2007 9:00	47.2	17.2	6.3	6.3
8/14/2007 10:00	57.7	18.0	6.0	6.0
8/14/2007 11:00	36.9	19.2	11.9	10.4
8/14/2007 12:00	24.1	14.4	13.4	11.6
8/14/2007 13:00	22.2	11.7	8.8	8.2
8/14/2007 14:00	outlier removed	8.9	5.5	5.5
8/14/2007 15:00	18.5	12.8	outlier removed	3.7
8/14/2007 16:00	24.7	17.9	7.0	7.0
8/14/2007 17:00	24.8	18.6	6.6	6.6
8/14/2007 18:00	20.4	15.6	4.6	4.6
8/14/2007 19:00	19.7	14.2	3.1	3.1
8/14/2007 20:00	21.9	15.1	2.7	2.7
8/14/2007 21:00	27.8	20.5	3.5	3.5
8/14/2007 22:00	36.8	29.3	5.9	5.9
8/14/2007 23:00	38.9	28.7	5.5	5.5
8/15/2007 0:00	32.1	24.2	7.8	7.8
8/15/2007 1:00	18.9	16.4	7.2	7.2
8/15/2007 2:00	29.9	25.1	8.7	8.7
8/15/2007 3:00	25.7	22.3	10.6	10.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
8/15/2007 4:00	30.1	25.5	19.4	19.4
8/15/2007 5:00	12.9	12.6	12.4	12.4
8/15/2007 6:00	25.4	21.6	22.8	22.8
8/15/2007 7:00	20.2	20.0	25.8	25.9
8/15/2007 8:00	12.6	11.4	41.8	29.6
8/15/2007 9:00	8.8	8.0	40.1	22.5
8/15/2007 10:00	15.2	11.7	35.8	21.4
8/15/2007 11:00	6.9	5.4	22.9	13.9
8/15/2007 12:00	4.5	3.2	11.2	8.8
8/15/2007 13:00	19.2	16.2	2.4	2.4
8/15/2007 14:00	23.0	15.1	1.6	1.6
8/15/2007 15:00	14.9	11.2	0.9	0.9
8/15/2007 16:00	19.9	13.8	0.6	0.6
8/15/2007 17:00	21.3	16.5	0.8	0.8
8/15/2007 18:00	10.4	8.5	1.0	1.0
8/15/2007 19:00	21.8	15.5	0.9	0.9
8/15/2007 20:00	27.1	19.2	1.4	1.4
8/15/2007 21:00	26.8	19.6	1.7	1.7
8/15/2007 22:00	23.0	20.3	1.5	1.5
8/15/2007 23:00	11.1	10.2	2.1	2.1
8/16/2007 0:00	32.6	24.2	2.7	2.7
8/16/2007 1:00	17.5	16.0	3.7	3.7
8/16/2007 2:00	12.8	12.4	2.4	2.4
8/16/2007 3:00	6.7	5.4	7.1	7.1
8/16/2007 4:00	21.9	14.8	2.9	2.9
8/16/2007 5:00	17.0	14.9	2.4	2.4
8/16/2007 6:00	18.2	14.0	2.6	2.6
8/16/2007 7:00	43.4	23.0	3.7	3.7
8/16/2007 8:00	46.3	21.8	8.4	8.4
8/16/2007 9:00	28.8	16.7	11.8	11.8
8/16/2007 10:00	30.4	16.9	10.2	10.2
8/16/2007 11:00	27.7	17.0	15.8	15.0
8/16/2007 12:00	18.9	12.5	12.8	12.1
8/16/2007 13:00	19.4	14.8	14.1	13.0
8/16/2007 14:00	23.3	17.7	11.8	11.8
8/16/2007 15:00	24.8	17.5	10.2	10.2
8/16/2007 16:00	35.6	29.0	12.8	12.8
8/16/2007 17:00	37.8	30.3	9.7	9.7
8/16/2007 18:00	35.5	25.7	4.3	4.3
8/16/2007 19:00	39.6	28.3	10.4	10.4
8/16/2007 20:00	39.3	27.5	4.3	4.3
8/16/2007 21:00	36.8	25.6	8.4	8.4
8/16/2007 22:00	51.3	36.1	19.4	19.4
8/16/2007 23:00	47.6	34.9	36.7	33.7
8/17/2007 0:00	37.7	31.5	39.1	32.9
8/17/2007 1:00	28.7	25.6	24.2	21.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
8/17/2007 2:00	12.6	12.4	31.1	20.9
8/17/2007 3:00	13.6	13.6	19.5	15.3
8/17/2007 4:00	44.4	24.0	16.4	16.4
8/17/2007 5:00	53.3	22.3	20.3	12.7
8/17/2007 6:00	55.3	22.5	15.7	14.9
8/17/2007 7:00	107.8	23.0	17.4	14.6
8/17/2007 8:00	97.7	23.8	25.8	14.6
8/17/2007 9:00	62.2	23.2	25.4	17.0
8/17/2007 10:00	51.5	23.5	21.7	15.8
8/17/2007 11:00	37.1	19.1	15.5	12.9
8/17/2007 12:00	18.6	11.6	6.5	6.5
8/17/2007 13:00	17.4	10.2	3.7	3.7
8/17/2007 14:00	15.7	10.2	5.0	5.0
8/17/2007 15:00	15.4	9.4	4.0	4.0
8/17/2007 16:00	15.1	9.7	4.4	4.4
8/17/2007 17:00	16.4	10.4	2.6	2.6
8/17/2007 18:00	13.6	9.5	7.0	7.0
8/17/2007 19:00	11.4	8.1	7.5	7.1
8/17/2007 20:00	12.7	9.5	11.9	8.9
8/17/2007 21:00	11.6	9.1	15.1	10.5
8/17/2007 22:00	2.1	2.1	8.3	5.7
8/17/2007 23:00	1.9	1.9	9.3	5.5
8/18/2007 0:00	2.4	2.4	7.8	5.7
8/18/2007 1:00	1.7	1.7	4.3	4.5
8/18/2007 2:00	1.6	1.6	3.7	3.9
8/18/2007 3:00	2.4	2.4	12.4	8.1
8/18/2007 4:00	3.8	3.7	7.4	5.8
8/18/2007 5:00	3.2	3.2	9.6	7.8
8/18/2007 6:00	4.2	4.2	9.8	8.2
8/18/2007 7:00	4.8	4.7	22.8	12.1
8/18/2007 8:00	5.7	4.8	24.3	12.2
8/18/2007 9:00	6.2	4.1	10.8	5.8
8/18/2007 10:00	5.0	3.4	9.2	5.1
8/18/2007 11:00	3.4	2.3	9.3	5.1
8/18/2007 12:00	5.1	3.2	7.9	5.1
8/18/2007 13:00	5.1	2.9	1.6	1.6
8/18/2007 14:00	8.1	4.2	1.2	1.2
8/18/2007 15:00	9.2	4.8	1.0	1.0
8/18/2007 16:00	6.5	3.7	0.1	0.1
8/18/2007 17:00	6.4	3.6	outlier removed	outlier removed
8/18/2007 18:00	8.8	4.8	outlier removed	outlier removed
8/18/2007 19:00	9.6	6.7	outlier removed	outlier removed
8/18/2007 20:00	7.9	7.4	1.2	1.2
8/18/2007 21:00	8.4	8.2	2.0	2.0
8/18/2007 22:00	10.3	9.4	2.2	2.2
8/18/2007 23:00	9.9	8.1	1.7	1.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
8/19/2007 0:00	5.5	5.5	4.8	4.8
8/19/2007 1:00	4.3	4.3	18.0	11.7
8/19/2007 2:00	5.7	5.6	11.0	11.0
8/19/2007 3:00	8.4	8.3	12.8	12.8
8/19/2007 4:00	16.0	14.7	15.6	15.6
8/19/2007 5:00	13.8	13.7	16.0	16.0
8/19/2007 6:00	8.0	8.0	8.8	8.8
8/19/2007 7:00	5.8	5.8	5.8	5.8
8/19/2007 8:00	3.1	3.1	5.0	5.0
8/19/2007 9:00	1.7	1.7	1.8	1.8
8/19/2007 10:00	1.9	1.9	5.8	5.8
8/19/2007 11:00	2.4	2.4	13.4	8.3
8/19/2007 12:00	3.0	2.9	17.0	11.2
8/19/2007 13:00	4.0	3.7	16.7	12.5
8/19/2007 14:00	3.1	2.8	10.0	9.0
8/19/2007 15:00	2.5	2.3	13.6	11.0
8/19/2007 16:00	4.9	4.5	7.8	7.8
8/19/2007 17:00	2.9	2.7	17.5	12.2
8/19/2007 18:00	3.0	2.8	16.4	12.2
8/19/2007 19:00	3.0	3.0	20.3	13.5
8/19/2007 20:00	2.4	2.4	15.5	10.7
8/19/2007 21:00	1.9	1.9	12.4	8.5
8/19/2007 22:00	1.4	1.4	9.2	6.5
8/19/2007 23:00	1.3	1.3	8.7	6.3
8/20/2007 0:00	1.3	1.3	8.8	6.5
8/20/2007 1:00	1.1	1.1	4.2	4.2
8/20/2007 2:00	0.7	0.7	3.5	3.5
8/20/2007 3:00	0.4	0.4	6.9	6.6
8/20/2007 4:00	1.0	1.0	6.1	6.0
8/20/2007 5:00	0.9	0.9	5.5	4.7
8/20/2007 6:00	1.8	1.8	11.4	7.9
8/20/2007 7:00	2.3	2.3	10.9	5.9
8/20/2007 8:00	2.1	2.1	13.9	6.8
8/20/2007 9:00	2.1	2.1	15.6	8.6
8/20/2007 10:00	1.9	1.9	14.1	7.4
8/20/2007 11:00	2.1	2.1	13.9	7.1
8/20/2007 12:00	3.0	3.0	12.4	7.0
8/20/2007 13:00	1.2	1.2	12.5	6.7
8/20/2007 14:00	1.5	1.4	21.2	8.6
8/20/2007 15:00	1.7	1.7	20.0	9.6
8/20/2007 16:00	1.5	1.5	15.2	8.1
8/20/2007 17:00	1.5	1.5	21.1	9.7
8/20/2007 18:00	1.6	1.6	18.1	8.5
8/20/2007 19:00	0.7	0.7	13.4	7.3
8/20/2007 20:00	1.1	1.1	13.0	7.6
8/20/2007 21:00	1.4	1.4	15.7	6.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
8/20/2007 22:00	1.4	1.4	16.1	8.8
8/20/2007 23:00	1.2	1.2	10.5	6.3
8/21/2007 0:00	3.2	3.2	12.7	6.1
8/21/2007 1:00	3.7	3.7	7.3	5.0
8/21/2007 2:00	4.1	4.1	4.7	4.0
8/21/2007 3:00	3.7	3.7	6.6	4.7
8/21/2007 4:00	2.9	2.9	7.4	4.8
8/21/2007 5:00	3.1	3.1	10.2	6.1
8/21/2007 6:00	3.3	3.3	11.4	5.9
8/21/2007 7:00	6.0	6.0	22.0	10.4
8/21/2007 8:00	7.7	7.2	28.7	12.7
8/21/2007 9:00	6.7	5.7	30.4	12.1
8/21/2007 10:00	5.0	4.3	27.8	9.5
8/21/2007 11:00	5.7	4.1	25.4	10.3
8/21/2007 12:00	6.5	4.3	27.5	10.7
8/21/2007 13:00	7.1	4.9	24.1	10.5
8/21/2007 14:00	6.6	4.9	22.2	11.0
8/21/2007 15:00	5.0	4.1	17.2	10.8
8/21/2007 16:00	3.7	3.5	7.9	7.8
8/21/2007 17:00	3.6	3.4	16.2	11.7
8/21/2007 18:00	12.3	9.6	10.1	9.6
8/21/2007 19:00	5.2	5.1	10.4	10.4
8/21/2007 20:00	5.6	5.6	4.8	4.8
8/21/2007 21:00	10.8	10.6	22.4	14.1
8/21/2007 22:00	8.7	8.7	36.1	22.0
8/21/2007 23:00	14.5	11.9	9.5	9.5
8/22/2007 0:00	15.9	12.1	1.9	1.9
8/22/2007 1:00	3.3	3.3	20.3	17.7
8/22/2007 2:00	4.3	4.3	5.8	5.8
8/22/2007 3:00	7.3	6.8	5.8	5.8
8/22/2007 4:00	4.9	4.3	6.6	6.6
8/22/2007 5:00	3.4	3.2	26.1	16.7
8/22/2007 6:00	7.6	7.6	19.2	17.1
8/22/2007 7:00	16.0	10.5	11.5	7.3
8/22/2007 8:00	7.7	6.7	47.9	22.5
8/22/2007 9:00	10.4	8.5	8.5	8.5
8/22/2007 10:00	19.5	11.4	1.9	1.9
8/22/2007 11:00	11.9	8.7	2.7	2.7
8/22/2007 12:00	16.9	9.0	3.0	3.0
8/22/2007 13:00	12.5	6.2	1.6	1.6
8/22/2007 14:00	15.3	8.2	2.7	2.7
8/22/2007 15:00	11.0	6.3	1.6	1.6
8/22/2007 16:00	18.1	11.2	3.3	3.3
8/22/2007 17:00	18.0	11.7	5.3	5.3
8/22/2007 18:00	24.0	17.7	6.6	6.6
8/22/2007 19:00	16.8	14.6	4.1	4.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
8/22/2007 20:00	29.5	25.3	1.4	1.4
8/22/2007 21:00	11.5	11.2	1.4	1.4
8/22/2007 22:00	6.3	6.1	1.5	1.5
8/22/2007 23:00	26.8	22.3	1.4	1.4
8/23/2007 0:00	18.1	15.6	2.6	2.6
8/23/2007 1:00	19.5	15.1	1.9	1.9
8/23/2007 2:00	25.1	20.1	7.3	7.3
8/23/2007 3:00	43.6	23.1	13.3	13.2
8/23/2007 4:00	36.4	20.5	7.1	7.1
8/23/2007 5:00	32.4	16.4	6.2	6.2
8/23/2007 6:00	24.2	13.3	6.7	6.7
8/23/2007 7:00	24.3	14.7	11.3	11.3
8/23/2007 8:00	37.4	21.0	4.5	4.5
8/23/2007 9:00	21.2	14.2	5.6	5.6
8/23/2007 10:00	25.9	18.3	4.3	4.3
8/23/2007 11:00	24.3	12.3	outlier removed	outlier removed
8/23/2007 12:00	24.1	11.6	outlier removed	outlier removed
8/23/2007 13:00	17.2	8.8	2.6	2.6
8/23/2007 14:00	17.2	10.9	28.9	3.3
8/23/2007 15:00	23.3	16.7	5.9	5.9
8/23/2007 16:00	16.3	11.7	2.5	2.5
8/23/2007 17:00	15.1	11.4	1.2	1.2
8/23/2007 18:00	13.3	10.0	1.3	1.3
8/23/2007 19:00	24.2	18.8	2.4	2.4
8/23/2007 20:00	22.6	20.3	1.9	1.9
8/23/2007 21:00	26.3	24.3	1.3	1.3
8/23/2007 22:00	27.6	22.6	6.9	6.9
8/23/2007 23:00	26.0	19.7	4.2	4.2
8/24/2007 0:00	23.7	16.6	4.6	4.6
8/24/2007 1:00	13.1	10.2	4.0	4.0
8/24/2007 2:00	13.4	11.3	2.4	2.4
8/24/2007 3:00	8.9	7.1	1.6	1.6
8/24/2007 4:00	17.7	13.6	1.8	1.8
8/24/2007 5:00	15.5	10.9	2.1	2.1
8/24/2007 6:00	18.6	12.4	3.3	3.3
8/24/2007 7:00	25.0	13.3	3.7	3.7
8/24/2007 8:00	32.5	17.6	4.9	4.9
8/24/2007 9:00	22.6	11.9	5.0	5.0
8/24/2007 10:00	20.0	10.2	4.6	4.6
8/24/2007 11:00	21.4	12.3	7.2	7.2
8/24/2007 12:00	18.6	10.1	7.2	7.2
8/24/2007 13:00	17.2	11.1	7.1	7.1
8/24/2007 14:00	14.9	9.8	5.0	5.0
8/24/2007 15:00	12.9	9.1	2.8	2.8
8/24/2007 16:00	13.4	10.4	2.4	2.4
8/24/2007 17:00	14.4	11.5	1.1	1.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
8/24/2007 18:00	17.4	14.1	1.6	1.6
8/24/2007 19:00	15.6	13.5	1.3	1.3
8/24/2007 20:00	11.3	9.1	4.7	4.7
8/24/2007 21:00	18.4	13.3	4.5	4.5
8/24/2007 22:00	20.6	16.6	5.2	5.2
8/24/2007 23:00	25.6	19.1	4.8	4.8
8/25/2007 0:00	24.1	18.3	9.4	9.4
8/25/2007 1:00	18.9	14.4	9.0	9.0
8/25/2007 2:00	19.4	13.7	7.5	7.5
8/25/2007 3:00	15.4	11.6	4.0	4.0
8/25/2007 4:00	10.8	8.6	3.4	3.4
8/25/2007 5:00	10.3	8.0	3.3	3.3
8/25/2007 6:00	15.1	11.7	2.6	2.6
8/25/2007 7:00	13.0	9.5	2.9	2.9
8/25/2007 8:00	14.3	9.7	3.4	3.4
8/25/2007 9:00	19.5	11.2	4.1	4.1
8/25/2007 10:00	18.5	11.2	4.5	4.5
8/25/2007 11:00	13.8	8.1	3.0	3.0
8/25/2007 12:00	12.7	7.3	2.7	2.7
8/25/2007 13:00	12.6	7.1	1.6	1.6
8/25/2007 14:00	12.3	6.8	1.5	1.5
8/25/2007 15:00	16.6	10.1	4.1	4.1
8/25/2007 16:00	14.4	9.1	5.5	5.5
8/25/2007 17:00	15.9	10.6	9.1	7.7
8/25/2007 18:00	11.5	8.6	5.7	5.7
8/25/2007 19:00	12.6	9.7	6.5	6.5
8/25/2007 20:00	15.0	11.0	8.3	8.3
8/25/2007 21:00	15.7	12.2	11.8	11.8
8/25/2007 22:00	20.5	14.0	7.9	7.9
8/25/2007 23:00	31.9	17.7	6.3	6.3
8/26/2007 0:00	25.7	17.5	8.9	8.9
8/26/2007 1:00	31.1	18.4	16.3	16.3
8/26/2007 2:00	22.0	16.3	25.8	20.4
8/26/2007 3:00	22.5	14.0	10.7	10.7
8/26/2007 4:00	8.7	7.3	8.1	8.1
8/26/2007 5:00	8.3	7.1	5.0	5.0
8/26/2007 6:00	8.1	6.9	6.4	6.4
8/26/2007 7:00	8.3	6.6	4.1	4.1
8/26/2007 8:00	7.8	4.8	4.6	4.5
8/26/2007 9:00	4.5	3.1	6.0	4.6
8/26/2007 10:00	4.9	3.0	8.6	5.2
8/26/2007 11:00	4.8	3.0	11.0	5.7
8/26/2007 12:00	7.6	4.3	7.7	5.7
8/26/2007 13:00	9.0	5.6	9.5	7.1
8/26/2007 14:00	9.2	5.9	4.9	4.9
8/26/2007 15:00	5.1	4.0	6.2	6.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
8/26/2007 16:00	3.2	2.9	6.1	6.1
8/26/2007 17:00	3.9	3.4	6.1	6.1
8/26/2007 18:00	3.3	2.9	6.1	6.4
8/26/2007 19:00	2.7	2.3	15.4	11.6
8/26/2007 20:00	3.0	2.3	24.7	18.4
8/26/2007 21:00	4.8	3.6	23.4	19.9
8/26/2007 22:00	59.7	23.2	10.6	10.6
8/26/2007 23:00	34.2	19.8	55.5	18.2
8/27/2007 0:00	9.0	8.8	77.8	23.4
8/27/2007 1:00	26.8	16.8	32.9	22.3
8/27/2007 2:00	19.1	13.3	52.8	21.4
8/27/2007 3:00	17.2	15.1	37.0	19.1
8/27/2007 4:00	16.6	14.9	43.0	18.7
8/27/2007 5:00	12.2	11.5	35.4	17.8
8/27/2007 6:00	41.1	15.0	30.0	15.7
8/27/2007 7:00	18.4	10.5	58.8	16.0
8/27/2007 8:00	12.7	7.5	69.6	15.3
8/27/2007 9:00	32.4	13.9	48.9	20.8
8/27/2007 10:00	10.1	7.8	10.4	9.1
8/27/2007 11:00	4.8	3.8	3.9	3.9
8/27/2007 12:00	5.4	4.0	2.1	2.1
8/27/2007 13:00	14.4	8.8	2.2	2.2
8/27/2007 14:00	13.0	7.8	3.2	3.2
8/27/2007 15:00	15.9	9.3	1.0	1.0
8/27/2007 16:00	15.1	9.3	0.2	0.2
8/27/2007 17:00	13.4	9.1	0.8	0.8
8/27/2007 18:00	9.6	7.5	0.8	0.8
8/27/2007 19:00	10.4	8.4	0.1	0.1
8/27/2007 20:00	7.1	6.0	0.3	0.3
8/27/2007 21:00	6.0	5.5	4.0	4.0
8/27/2007 22:00	7.6	7.1	48.9	31.6
8/27/2007 23:00	36.5	19.2	11.3	11.3
8/28/2007 0:00	50.8	23.5	11.1	7.6
8/28/2007 1:00	14.9	12.6	60.8	21.6
8/28/2007 2:00	10.1	9.6	52.4	23.4
8/28/2007 3:00	18.2	13.4	54.3	25.6
8/28/2007 4:00	17.6	12.0	49.5	26.7
8/28/2007 5:00	10.4	9.5	63.7	23.6
8/28/2007 6:00	11.8	11.3	62.1	19.2
8/28/2007 7:00	13.3	12.0	74.5	22.4
8/28/2007 8:00	13.7	11.1	93.8	26.9
8/28/2007 9:00	40.0	18.6	29.7	16.3
8/28/2007 10:00	28.8	15.7	5.5	5.5
8/28/2007 11:00	19.7	12.6	2.4	2.4
8/28/2007 12:00	14.7	11.7	2.5	2.5
8/28/2007 13:00	20.7	14.9	3.5	3.5

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
8/28/2007 14:00	14.6	11.6	1.5	1.5
8/28/2007 15:00	14.3	11.7	1.7	1.7
8/28/2007 16:00	14.1	11.4	1.5	1.5
8/28/2007 17:00	18.6	15.2	2.2	2.2
8/28/2007 18:00	17.0	13.9	1.5	1.5
8/28/2007 19:00	17.4	14.7	0.9	0.9
8/28/2007 20:00	24.3	22.5	1.1	1.1
8/28/2007 21:00	32.4	30.9	2.6	2.6
8/28/2007 22:00	33.0	31.3	3.0	3.0
8/28/2007 23:00	44.6	36.5	6.1	6.1
8/29/2007 0:00	45.4	33.5	4.7	4.7
8/29/2007 1:00	49.0	37.3	3.1	3.1
8/29/2007 2:00	23.7	21.8	3.0	3.0
8/29/2007 3:00	28.5	18.8	21.9	19.7
8/29/2007 4:00	52.6	30.0	2.5	2.5
8/29/2007 5:00	58.5	29.0	3.7	3.7
8/29/2007 6:00	46.1	22.0	3.7	3.7
8/29/2007 7:00	49.7	23.3	6.0	6.0
8/29/2007 8:00	70.7	24.4	7.8	7.8
8/29/2007 9:00	47.8	27.5	10.7	10.7
8/29/2007 10:00	27.2	18.6	10.1	10.1
8/29/2007 11:00	28.0	20.1	14.0	14.0
8/29/2007 12:00	36.7	27.7	9.5	9.5
8/29/2007 13:00	29.3	23.2	9.8	9.8
8/29/2007 14:00	20.8	17.5	9.0	9.0
8/29/2007 15:00	22.9	19.1	4.3	4.3
8/29/2007 16:00	18.7	16.0	3.0	3.0
8/29/2007 17:00	19.9	17.5	2.8	2.8
8/29/2007 18:00	21.8	19.2	3.6	3.6
8/29/2007 19:00	19.3	18.4	1.8	1.8
8/29/2007 20:00	21.9	18.7	6.4	6.4
8/29/2007 21:00	12.8	12.0	28.6	23.6
8/29/2007 22:00	9.4	9.3	45.3	32.0
8/29/2007 23:00	12.0	11.0	45.6	34.0
8/30/2007 0:00	26.7	17.4	37.0	27.6
8/30/2007 1:00	12.1	12.1	24.8	19.5
8/30/2007 2:00	3.0	2.9	5.4	5.4
8/30/2007 3:00	1.9	1.9	3.3	3.3
8/30/2007 4:00	1.7	1.7	3.8	3.8
8/30/2007 5:00	1.5	1.5	6.7	4.8
8/30/2007 6:00	2.1	2.1	6.8	4.9
8/30/2007 7:00	2.6	2.6	12.7	6.8
8/30/2007 8:00	4.1	3.9	15.1	8.8
8/30/2007 9:00	6.9	5.1	19.9	9.4
8/30/2007 10:00	7.1	4.7	18.8	7.8
8/30/2007 11:00	5.9	4.0	16.9	8.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
8/30/2007 12:00	5.4	3.7	18.8	8.5
8/30/2007 13:00	4.2	3.2	18.6	9.0
8/30/2007 14:00	3.9	3.0	17.7	9.2
8/30/2007 15:00	4.5	3.4	18.8	9.3
8/30/2007 16:00	3.6	3.0	18.2	8.4
8/30/2007 17:00	3.6	3.0	19.2	8.8
8/30/2007 18:00	3.2	2.7	18.7	9.1
8/30/2007 19:00	2.6	2.4	21.3	9.3
8/30/2007 20:00	2.6	2.6	23.3	11.0
8/30/2007 21:00	4.4	4.3	24.5	12.2
8/30/2007 22:00	4.6	4.6	22.1	11.8
8/30/2007 23:00	6.6	6.6	27.6	13.8
8/31/2007 0:00	9.4	9.4	26.3	17.7
8/31/2007 1:00	14.1	11.5	49.5	21.2
8/31/2007 2:00	11.0	10.2	31.2	17.4
8/31/2007 3:00	12.5	10.3	32.4	18.8
8/31/2007 4:00	13.6	13.2	36.8	18.8
8/31/2007 5:00	13.3	10.9	31.4	17.3
8/31/2007 6:00	26.5	13.8	35.5	17.5
8/31/2007 7:00	15.1	11.1	37.6	18.3
8/31/2007 8:00	67.5	17.9	54.0	20.8
8/31/2007 9:00	23.1	13.7	42.5	17.2
8/31/2007 10:00	17.0	10.2	25.2	11.8
8/31/2007 11:00	11.6	7.1	25.4	11.3
8/31/2007 12:00	10.7	6.6	26.0	11.2
8/31/2007 13:00	3.0	2.4	23.2	10.2
8/31/2007 14:00	2.3	2.1	15.0	7.8
8/31/2007 15:00	1.8	1.8	20.4	9.1
8/31/2007 16:00	1.7	1.7	17.0	8.7
8/31/2007 17:00	1.9	1.9	17.0	9.2
8/31/2007 18:00	2.2	2.2	18.3	12.7
8/31/2007 19:00	4.6	4.3	17.1	12.4
8/31/2007 20:00	7.0	6.8	24.2	17.8
8/31/2007 21:00	4.6	4.6	34.5	22.5
8/31/2007 22:00	6.1	6.1	35.4	23.4
8/31/2007 23:00	12.1	11.0	39.7	22.7
9/1/2007 0:00	42.8	21.3	49.7	28.1
9/1/2007 1:00	75.3	23.7	69.9	26.1
9/1/2007 2:00	99.2	22.9	64.9	24.4
9/1/2007 3:00	92.3	21.7	46.9	20.8
9/1/2007 4:00	92.9	20.2	66.9	20.5
9/1/2007 5:00	71.4	17.5	61.7	20.4
9/1/2007 6:00	64.2	15.9	52.7	21.9
9/1/2007 7:00	66.2	17.8	64.8	17.5
9/1/2007 8:00	53.2	15.4	42.8	13.6
9/1/2007 9:00	52.1	15.3	51.0	19.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
9/1/2007 10:00	10.4	7.6	16.2	10.2
9/1/2007 11:00	8.0	5.8	13.5	7.7
9/1/2007 12:00	4.8	3.6	11.6	7.4
9/1/2007 13:00	3.2	2.5	6.2	5.0
9/1/2007 14:00	0.9	0.9	6.1	4.3
9/1/2007 15:00	1.0	1.0	6.7	5.0
9/1/2007 16:00	1.6	1.6	4.2	4.2
9/1/2007 17:00	1.5	1.5	3.1	3.1
9/1/2007 18:00	4.5	3.9	0.7	0.7
9/1/2007 19:00	5.0	4.3	0.6	0.6
9/1/2007 20:00	10.0	8.9	0.6	0.6
9/1/2007 21:00	3.8	3.8	1.0	1.0
9/1/2007 22:00	15.1	14.2	3.0	3.0
9/1/2007 23:00	19.7	17.3	15.1	12.9
9/2/2007 0:00	3.6	3.6	35.6	23.7
9/2/2007 1:00	20.2	13.6	44.0	24.1
9/2/2007 2:00	20.5	15.4	38.1	21.8
9/2/2007 3:00	17.9	14.1	30.4	21.2
9/2/2007 4:00	23.1	15.1	26.5	19.1
9/2/2007 5:00	6.7	6.1	32.0	19.9
9/2/2007 6:00	18.9	11.7	31.2	20.4
9/2/2007 7:00	27.7	14.7	26.6	17.4
9/2/2007 8:00	35.6	15.9	24.7	14.5
9/2/2007 9:00	9.5	6.6	5.3	5.3
9/2/2007 10:00	10.3	7.2	3.4	3.4
9/2/2007 11:00	6.3	4.9	1.2	1.2
9/2/2007 12:00	6.5	5.1	2.1	2.1
9/2/2007 13:00	4.6	3.8	1.2	1.2
9/2/2007 14:00	3.1	2.5	1.4	1.4
9/2/2007 15:00	4.8	3.7	0.4	0.4
9/2/2007 16:00	6.8	5.1	0.1	0.1
9/2/2007 17:00	5.8	4.4	outlier removed	outlier removed
9/2/2007 18:00	9.0	6.3	outlier removed	outlier removed
9/2/2007 19:00	9.7	7.5	0.3	0.3
9/2/2007 20:00	9.6	9.1	0.8	0.8
9/2/2007 21:00	14.6	14.6	1.2	1.2
9/2/2007 22:00	18.4	17.8	3.0	3.0
9/2/2007 23:00	17.0	16.9	4.0	4.0
9/3/2007 0:00	11.7	11.7	4.3	4.3
9/3/2007 1:00	13.3	13.1	3.8	3.8
9/3/2007 2:00	18.8	16.6	7.4	7.4
9/3/2007 3:00	24.2	18.7	10.2	10.2
9/3/2007 4:00	20.7	17.3	7.2	7.2
9/3/2007 5:00	24.9	19.3	6.0	6.0
9/3/2007 6:00	17.2	15.8	7.2	7.2
9/3/2007 7:00	20.1	17.4	10.1	10.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
9/3/2007 8:00	14.9	13.1	6.6	6.6
9/3/2007 9:00	15.4	11.9	4.9	4.9
9/3/2007 10:00	14.8	9.9	3.3	3.3
9/3/2007 11:00	14.5	9.6	3.7	3.7
9/3/2007 12:00	17.0	11.7	4.6	4.6
9/3/2007 13:00	15.9	12.2	4.3	4.3
9/3/2007 14:00	11.7	9.8	4.0	4.0
9/3/2007 15:00	16.6	12.5	3.5	3.5
9/3/2007 16:00	17.3	13.4	4.5	4.5
9/3/2007 17:00	17.6	13.5	6.1	6.1
9/3/2007 18:00	15.4	12.3	8.8	8.8
9/3/2007 19:00	23.8	18.3	5.1	5.1
9/3/2007 20:00	38.0	28.2	4.3	4.3
9/3/2007 21:00	28.5	26.9	12.2	12.2
9/3/2007 22:00	68.7	44.4	56.1	38.3
9/3/2007 23:00	11.4	11.4	16.5	15.0
9/4/2007 0:00	3.8	3.8	16.7	16.3
9/4/2007 1:00	7.9	6.8	22.1	19.6
9/4/2007 2:00	8.5	7.1	32.1	24.2
9/4/2007 3:00	24.5	16.0	21.1	18.3
9/4/2007 4:00	18.6	12.2	27.0	20.4
9/4/2007 5:00	10.4	10.1	22.0	15.3
9/4/2007 6:00	12.9	12.9	26.1	18.4
9/4/2007 7:00	15.9	15.9	31.2	17.4
9/4/2007 8:00	11.1	10.8	33.4	15.7
9/4/2007 9:00	9.5	8.3	31.2	14.1
9/4/2007 10:00	9.5	7.3	29.2	15.4
9/4/2007 11:00	10.8	7.1	5.6	5.6
9/4/2007 12:00	7.8	5.8	18.7	11.5
9/4/2007 13:00	5.6	4.6	22.0	12.7
9/4/2007 14:00	6.6	5.1	6.6	6.2
9/4/2007 15:00	3.2	3.0	3.0	3.0
9/4/2007 16:00	4.5	3.9	25.7	14.4
9/4/2007 17:00	5.2	4.7	14.0	10.6
9/4/2007 18:00	8.9	8.2	3.1	3.1
9/4/2007 19:00	13.1	12.0	1.1	1.1
9/4/2007 20:00	24.7	23.0	1.1	1.1
9/4/2007 21:00	26.5	24.3	2.0	2.0
9/4/2007 22:00	25.0	23.6	2.4	2.4
9/4/2007 23:00	8.0	8.0	10.3	9.8
9/5/2007 0:00	6.4	6.4	32.1	24.4
9/5/2007 1:00	7.0	7.0	35.5	26.8
9/5/2007 2:00	9.0	8.8	10.9	10.9
9/5/2007 3:00	16.7	15.1	5.3	5.3
9/5/2007 4:00	25.2	20.5	1.9	1.9
9/5/2007 5:00	28.4	19.3	3.0	3.0

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
9/5/2007 6:00	61.2	25.2	1.8	1.8
9/5/2007 7:00	55.4	23.6	2.4	2.4
9/5/2007 8:00	48.6	27.8	3.0	3.0
9/5/2007 9:00	36.0	19.9	3.2	3.2
9/5/2007 10:00	40.6	22.0	7.1	7.1
9/5/2007 11:00	42.6	25.9	12.8	12.1
9/5/2007 12:00	35.2	22.6	7.1	7.1
9/5/2007 13:00	22.7	16.5	4.9	4.9
9/5/2007 14:00	26.2	20.7	5.9	5.9
9/5/2007 15:00	19.0	16.1	4.7	4.7
9/5/2007 16:00	21.7	19.1	4.4	4.4
9/5/2007 17:00	25.5	22.2	2.9	2.9
9/5/2007 18:00	25.0	22.4	2.6	2.6
9/5/2007 19:00	24.5	22.1	2.4	2.4
9/5/2007 20:00	28.8	27.8	1.7	1.7
9/5/2007 21:00	16.3	16.2	1.7	1.7
9/5/2007 22:00	15.8	15.8	2.2	2.2
9/5/2007 23:00	12.9	13.0	1.8	1.8
9/6/2007 0:00	18.9	18.7	1.6	1.6
9/6/2007 1:00	12.9	12.9	3.3	3.3
9/6/2007 2:00	18.0	16.2	8.2	8.2
9/6/2007 3:00	13.1	12.8	1.1	1.1
9/6/2007 4:00	23.9	19.8	2.2	2.2
9/6/2007 5:00	40.0	28.8	6.7	6.7
9/6/2007 6:00	47.8	27.9	3.5	3.5
9/6/2007 7:00	50.4	24.8	3.9	3.9
9/6/2007 8:00	38.1	25.2	9.3	9.3
9/6/2007 9:00	35.7	25.5	9.2	9.2
9/6/2007 10:00	27.3	17.9	3.8	3.8
9/6/2007 11:00	36.7	22.0	8.9	8.9
9/6/2007 12:00	33.3	22.9	10.9	10.9
9/6/2007 13:00	41.0	25.4	8.6	8.6
9/6/2007 14:00	outlier removed	13.2	8.5	8.5
9/6/2007 15:00	28.6	21.6	outlier removed	10.0
9/6/2007 16:00	25.1	19.8	9.9	9.9
9/6/2007 17:00	24.8	20.6	11.1	11.1
9/6/2007 18:00	26.8	23.7	9.3	9.3
9/6/2007 19:00	24.7	22.3	5.5	5.5
9/6/2007 20:00	26.7	26.0	4.6	4.6
9/6/2007 21:00	27.0	26.6	5.2	5.2
9/6/2007 22:00	33.1	32.5	4.3	4.3
9/6/2007 23:00	41.8	39.3	3.9	3.9
9/7/2007 0:00	34.0	32.4	5.1	5.1
9/7/2007 1:00	29.6	28.2	5.8	5.8
9/7/2007 2:00	15.4	14.3	4.3	4.3
9/7/2007 3:00	10.9	10.1	3.2	3.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
9/7/2007 4:00	14.2	14.2	5.8	5.8
9/7/2007 5:00	14.1	13.7	6.5	6.5
9/7/2007 6:00	15.2	13.7	6.0	6.0
9/7/2007 7:00	13.2	10.6	5.4	5.4
9/7/2007 8:00	22.4	18.9	4.9	4.9
9/7/2007 9:00	22.1	15.6	6.4	6.4
9/7/2007 10:00	15.9	11.1	6.5	6.5
9/7/2007 11:00	15.2	11.0	6.9	6.9
9/7/2007 12:00	12.4	8.7	4.1	4.1
9/7/2007 13:00	18.8	13.4	5.6	5.6
9/7/2007 14:00	11.9	9.2	2.9	2.9
9/7/2007 15:00	9.1	6.8	3.0	3.0
9/7/2007 16:00	9.0	7.0	3.2	3.2
9/7/2007 17:00	15.0	11.6	5.2	5.2
9/7/2007 18:00	17.2	13.9	4.9	4.9
9/7/2007 19:00	14.9	11.7	6.5	6.5
9/7/2007 20:00	16.6	14.6	5.7	5.7
9/7/2007 21:00	15.3	12.1	3.1	3.1
9/7/2007 22:00	22.0	18.4	3.1	3.1
9/7/2007 23:00	19.7	16.4	4.4	4.4
9/8/2007 0:00	13.0	10.3	6.6	6.6
9/8/2007 1:00	11.5	9.1	3.1	3.1
9/8/2007 2:00	12.8	10.1	3.6	3.6
9/8/2007 3:00	12.6	10.6	3.8	3.8
9/8/2007 4:00	10.8	9.3	4.9	4.9
9/8/2007 5:00	15.9	13.3	12.9	12.9
9/8/2007 6:00	8.0	8.0	8.0	8.0
9/8/2007 7:00	3.0	3.0	7.5	6.6
9/8/2007 8:00	3.0	3.0	8.8	6.7
9/8/2007 9:00	3.4	2.9	13.8	7.5
9/8/2007 10:00	3.6	2.8	12.4	6.2
9/8/2007 11:00	2.9	2.1	8.7	4.9
9/8/2007 12:00	3.5	2.9	12.7	7.3
9/8/2007 13:00	9.3	6.1	17.4	9.5
9/8/2007 14:00	8.7	5.9	11.3	8.5
9/8/2007 15:00	8.0	6.2	11.3	9.6
9/8/2007 16:00	8.7	6.8	11.4	10.0
9/8/2007 17:00	8.2	6.8	10.2	9.3
9/8/2007 18:00	6.6	6.1	14.9	11.8
9/8/2007 19:00	6.2	6.0	15.1	12.4
9/8/2007 20:00	8.1	7.9	12.6	11.1
9/8/2007 21:00	7.5	7.5	12.3	11.6
9/8/2007 22:00	30.4	22.0	39.8	27.6
9/8/2007 23:00	30.3	23.5	31.2	23.5
9/9/2007 0:00	16.0	15.9	15.2	13.3
9/9/2007 1:00	13.2	13.0	14.3	13.0

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
9/9/2007 2:00	9.2	8.3	11.7	11.7
9/9/2007 3:00	6.5	6.2	10.3	9.7
9/9/2007 4:00	9.2	9.1	10.3	10.3
9/9/2007 5:00	7.3	7.3	10.3	10.3
9/9/2007 6:00	4.4	4.4	4.5	4.5
9/9/2007 7:00	2.7	2.5	4.7	4.7
9/9/2007 8:00	2.6	2.6	7.7	6.5
9/9/2007 9:00	6.8	5.4	9.0	7.5
9/9/2007 10:00	6.8	4.7	14.0	9.5
9/9/2007 11:00	7.8	5.2	10.1	7.9
9/9/2007 12:00	15.5	9.0	14.8	9.8
9/9/2007 13:00	6.4	3.9	14.0	8.7
9/9/2007 14:00	4.8	3.7	10.6	8.3
9/9/2007 15:00	4.6	3.7	15.6	10.9
9/9/2007 16:00	3.2	2.8	13.5	9.7
9/9/2007 17:00	5.4	4.9	11.1	7.8
9/9/2007 18:00	3.6	3.2	7.7	6.2
9/9/2007 19:00	3.2	3.0	9.9	7.3
9/9/2007 20:00	3.5	3.5	20.6	13.4
9/9/2007 21:00	4.6	4.6	19.7	13.5
9/9/2007 22:00	4.5	4.5	21.1	14.1
9/9/2007 23:00	4.4	4.4	23.6	16.6
9/10/2007 0:00	4.8	4.8	20.3	15.5
9/10/2007 1:00	18.1	12.1	23.3	19.6
9/10/2007 2:00	20.8	13.1	26.2	19.2
9/10/2007 3:00	7.6	7.5	13.2	12.6
9/10/2007 4:00	4.6	4.4	11.4	10.2
9/10/2007 5:00	4.0	4.0	10.1	9.0
9/10/2007 6:00	1.8	1.8	12.1	9.0
9/10/2007 7:00	4.3	4.3	18.6	10.0
9/10/2007 8:00	8.2	7.4	32.8	14.0
9/10/2007 9:00	11.8	9.4	44.1	17.9
9/10/2007 10:00	17.3	10.7	43.2	15.9
9/10/2007 11:00	18.6	10.1	42.8	16.2
9/10/2007 12:00	17.2	9.8	30.1	14.1
9/10/2007 13:00	14.8	9.0	24.4	12.7
9/10/2007 14:00	27.8	13.7	33.6	17.0
9/10/2007 15:00	15.7	10.8	34.8	17.7
9/10/2007 16:00	20.3	12.4	40.8	19.5
9/10/2007 17:00	10.8	8.7	34.0	18.7
9/10/2007 18:00	7.7	6.9	44.5	23.0
9/10/2007 19:00	5.2	5.0	24.1	17.8
9/10/2007 20:00	5.1	5.1	44.6	27.7
9/10/2007 21:00	6.7	6.7	17.2	17.2
9/10/2007 22:00	13.5	13.5	5.5	5.5
9/10/2007 23:00	31.6	17.9	3.7	3.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
9/11/2007 0:00	8.8	8.6	6.5	6.5
9/11/2007 1:00	8.0	8.0	4.4	4.4
9/11/2007 2:00	9.1	5.8	4.9	4.9
9/11/2007 3:00	4.8	4.5	13.2	9.8
9/11/2007 4:00	21.7	14.4	14.4	14.7
9/11/2007 5:00	27.3	16.0	8.4	8.4
9/11/2007 6:00	40.8	20.4	34.3	22.2
9/11/2007 7:00	25.6	16.1	25.9	19.5
9/11/2007 8:00	25.2	15.2	25.8	17.0
9/11/2007 9:00	35.3	16.8	30.9	18.6
9/11/2007 10:00	36.3	14.5	30.6	15.7
9/11/2007 11:00	28.7	12.8	23.8	14.5
9/11/2007 12:00	38.8	15.1	12.6	9.6
9/11/2007 13:00	19.3	7.7	5.4	5.4
9/11/2007 14:00	19.0	8.7	3.6	3.6
9/11/2007 15:00	15.1	7.1	2.8	2.8
9/11/2007 16:00	14.6	6.6	2.2	2.2
9/11/2007 17:00	24.4	10.6	2.1	2.1
9/11/2007 18:00	12.0	5.6	2.1	2.1
9/11/2007 19:00	17.8	10.3	3.9	3.9
9/11/2007 20:00	18.2	11.2	5.1	5.1
9/11/2007 21:00	14.4	9.0	4.5	4.5
9/11/2007 22:00	27.7	17.5	11.2	11.2
9/11/2007 23:00	29.3	19.4	16.9	16.9
9/12/2007 0:00	32.3	19.5	4.7	4.7
9/12/2007 1:00	26.4	16.5	6.2	6.2
9/12/2007 2:00	26.0	17.8	16.6	16.6
9/12/2007 3:00	29.8	18.5	13.7	13.7
9/12/2007 4:00	28.5	17.1	7.7	7.7
9/12/2007 5:00	41.2	20.8	19.9	17.8
9/12/2007 6:00	29.1	15.9	13.7	13.7
9/12/2007 7:00	43.9	18.7	29.5	19.2
9/12/2007 8:00	59.9	21.7	38.7	21.4
9/12/2007 9:00	40.5	16.9	37.4	18.0
9/12/2007 10:00	36.9	13.1	24.9	12.0
9/12/2007 11:00	29.2	10.8	17.6	9.6
9/12/2007 12:00	31.3	12.9	11.0	8.8
9/12/2007 13:00	37.0	13.8	11.4	9.3
9/12/2007 14:00	26.3	12.2	18.3	11.1
9/12/2007 15:00	36.0	15.9	22.7	12.5
9/12/2007 16:00	33.4	15.5	14.7	10.3
9/12/2007 17:00	34.7	15.6	6.4	6.4
9/12/2007 18:00	33.8	15.3	4.7	4.7
9/12/2007 19:00	37.5	18.0	5.6	5.6
9/12/2007 20:00	40.6	18.6	7.1	7.1
9/12/2007 21:00	49.6	19.3	7.0	7.0

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
9/12/2007 22:00	34.4	19.5	24.7	11.7
9/12/2007 23:00	82.0	18.6	8.3	8.3
9/13/2007 0:00	62.6	16.8	68.6	16.9
9/13/2007 1:00	38.5	13.8	126.0	20.4
9/13/2007 2:00	45.7	14.9	123.5	17.6
9/13/2007 3:00	58.2	14.7	158.1	17.4
9/13/2007 4:00	57.2	13.9	120.0	14.7
9/13/2007 5:00	125.4	13.7	125.0	13.5
9/13/2007 6:00	66.4	9.6	111.1	12.9
9/13/2007 7:00	104.5	11.9	135.2	14.9
9/13/2007 8:00	218.8	16.9	105.9	11.8
9/13/2007 9:00	239.7	18.3	236.7	20.9
9/13/2007 10:00	104.2	21.3	102.0	24.3
9/13/2007 11:00	39.5	16.1	11.7	9.3
9/13/2007 12:00	16.4	9.9	4.9	4.9
9/13/2007 13:00	16.3	8.9	3.2	3.2
9/13/2007 14:00	14.2	9.1	2.4	2.4
9/13/2007 15:00	11.8	7.8	1.9	1.9
9/13/2007 16:00	23.4	15.2	2.5	2.5
9/13/2007 17:00	18.2	12.9	2.2	2.2
9/13/2007 18:00	18.5	12.6	1.9	1.9
9/13/2007 19:00	26.3	21.1	2.1	2.1
9/13/2007 20:00	16.8	15.9	3.0	3.0
9/13/2007 21:00	11.5	11.5	5.1	5.1
9/13/2007 22:00	16.0	16.1	5.0	5.0
9/13/2007 23:00	14.9	14.9	4.0	4.0
9/14/2007 0:00	37.2	27.2	3.6	3.6
9/14/2007 1:00	64.8	35.5	3.9	3.9
9/14/2007 2:00	60.3	28.1	3.1	3.1
9/14/2007 3:00	49.7	30.2	2.8	2.8
9/14/2007 4:00	85.7	32.3	3.8	3.8
9/14/2007 5:00	30.9	23.7	3.5	3.5
9/14/2007 6:00	46.1	27.9	6.4	6.4
9/14/2007 7:00	53.3	30.3	8.9	8.9
9/14/2007 8:00	61.8	29.8	10.2	10.2
9/14/2007 9:00	40.4	24.4	15.5	15.5
9/14/2007 10:00	34.5	22.1	13.5	13.5
9/14/2007 11:00	26.5	17.0	10.2	10.2
9/14/2007 12:00	30.0	18.7	9.9	9.9
9/14/2007 13:00	22.1	14.6	8.6	8.6
9/14/2007 14:00	26.0	16.7	10.7	10.7
9/14/2007 15:00	27.2	15.8	18.3	16.2
9/14/2007 16:00	26.6	13.8	22.5	16.8
9/14/2007 17:00	24.3	11.7	10.8	8.8
9/14/2007 18:00	17.7	9.1	9.7	8.6
9/14/2007 19:00	21.1	11.6	10.9	9.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
9/14/2007 20:00	18.6	10.9	13.5	13.3
9/14/2007 21:00	14.4	9.1	12.6	11.0
9/14/2007 22:00	17.1	10.7	12.6	10.8
9/14/2007 23:00	12.6	7.7	10.8	9.1
9/15/2007 0:00	12.2	7.7	10.4	9.0
9/15/2007 1:00	9.6	6.3	8.5	6.5
9/15/2007 2:00	14.4	8.8	8.9	8.8
9/15/2007 3:00	8.5	5.4	7.1	6.9
9/15/2007 4:00	10.3	6.2	7.1	6.9
9/15/2007 5:00	11.3	6.3	6.4	6.4
9/15/2007 6:00	8.8	5.5	6.6	6.6
9/15/2007 7:00	11.3	6.9	7.4	7.4
9/15/2007 8:00	19.5	10.0	9.8	9.0
9/15/2007 9:00	15.2	7.4	10.8	7.4
9/15/2007 10:00	13.8	6.3	8.8	6.2
9/15/2007 11:00	8.5	4.3	9.2	5.6
9/15/2007 12:00	9.4	4.7	12.3	6.1
9/15/2007 13:00	7.8	4.0	14.3	7.9
9/15/2007 14:00	8.2	4.7	16.4	7.9
9/15/2007 15:00	9.0	4.8	10.1	6.5
9/15/2007 16:00	9.9	5.4	11.9	8.3
9/15/2007 17:00	9.7	6.0	15.3	10.0
9/15/2007 18:00	9.1	5.4	7.1	6.2
9/15/2007 19:00	13.4	7.7	6.4	6.4
9/15/2007 20:00	25.3	12.9	8.7	8.7
9/15/2007 21:00	16.6	13.1	6.4	6.4
9/15/2007 22:00	28.6	17.6	16.9	12.6
9/15/2007 23:00	31.9	18.0	31.2	15.9
9/16/2007 0:00	35.9	17.1	18.3	14.1
9/16/2007 1:00	29.3	14.5	18.2	11.0
9/16/2007 2:00	53.6	10.5	9.6	9.6
9/16/2007 3:00	51.4	10.0	8.7	8.7
9/16/2007 4:00	32.8	9.1	28.8	9.3
9/16/2007 5:00	41.4	8.3	30.1	9.0
9/16/2007 6:00	50.0	8.6	45.5	8.8
9/16/2007 7:00	53.7	8.6	34.4	8.5
9/16/2007 8:00	57.6	8.8	29.5	8.8
9/16/2007 9:00	92.6	12.2	19.1	9.0
9/16/2007 10:00	33.2	14.2	13.5	10.2
9/16/2007 11:00	21.3	10.9	5.5	5.5
9/16/2007 12:00	9.8	5.0	2.5	2.5
9/16/2007 13:00	10.7	5.9	4.0	4.0
9/16/2007 14:00	15.5	8.4	4.2	4.2
9/16/2007 15:00	13.9	8.7	4.4	4.4
9/16/2007 16:00	14.5	8.9	4.2	4.2
9/16/2007 17:00	15.1	9.9	4.2	4.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
9/16/2007 18:00	19.1	13.5	5.5	5.5
9/16/2007 19:00	19.8	15.7	4.6	4.6
9/16/2007 20:00	12.1	11.5	5.5	5.5
9/16/2007 21:00	17.7	15.6	4.9	4.9
9/16/2007 22:00	9.4	8.7	3.2	3.2
9/16/2007 23:00	30.3	20.5	4.1	4.1
9/17/2007 0:00	19.3	15.0	55.8	29.9
9/17/2007 1:00	8.4	8.0	61.4	33.3
9/17/2007 2:00	50.5	21.0	69.7	33.3
9/17/2007 3:00	61.1	24.0	58.7	30.2
9/17/2007 4:00	45.2	16.2	76.8	28.3
9/17/2007 5:00	23.1	14.8	99.3	28.2
9/17/2007 6:00	37.5	13.2	106.3	25.3
9/17/2007 7:00	74.3	20.1	110.9	25.7
9/17/2007 8:00	24.9	14.6	173.5	27.2
9/17/2007 9:00	151.4	21.2	96.7	23.3
9/17/2007 10:00	44.5	19.8	10.5	10.1
9/17/2007 11:00	18.7	11.7	3.4	3.4
9/17/2007 12:00	20.6	12.8	3.5	3.5
9/17/2007 13:00	17.2	11.9	3.5	3.5
9/17/2007 14:00	16.0	10.8	3.0	3.0
9/17/2007 15:00	10.1	7.8	2.9	2.9
9/17/2007 16:00	16.2	11.9	2.8	2.8
9/17/2007 17:00	13.2	10.2	2.4	2.4
9/17/2007 18:00	12.2	9.8	2.1	2.1
9/17/2007 19:00	4.1	4.1	6.5	6.5
9/17/2007 20:00	5.0	5.0	11.3	11.3
9/17/2007 21:00	6.9	6.9	61.4	41.2
9/17/2007 22:00	5.8	5.8	39.7	33.9
9/17/2007 23:00	9.6	9.6	7.6	7.6
9/18/2007 0:00	10.1	10.1	6.5	6.5
9/18/2007 1:00	15.6	14.4	5.9	5.9
9/18/2007 2:00	48.3	26.8	6.2	6.2
9/18/2007 3:00	59.2	27.8	6.2	6.2
9/18/2007 4:00	40.0	22.2	5.6	5.6
9/18/2007 5:00	56.7	20.4	10.4	10.4
9/18/2007 6:00	17.8	12.4	100.8	31.9
9/18/2007 7:00	76.2	16.7	105.9	30.3
9/18/2007 8:00	97.7	27.0	44.6	26.9
9/18/2007 9:00	76.6	24.8	23.4	18.5
9/18/2007 10:00	43.5	22.1	9.7	9.7
9/18/2007 11:00	28.0	16.3	4.1	4.1
9/18/2007 12:00	22.2	14.9	4.7	4.7
9/18/2007 13:00	50.2	14.3	6.2	6.2
9/18/2007 14:00	outlier removed	13.7	7.5	7.5
9/18/2007 15:00	21.7	16.4	outlier removed	4.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
9/18/2007 16:00	21.0	16.3	3.8	3.8
9/18/2007 17:00	23.0	18.2	1.9	1.9
9/18/2007 18:00	14.0	12.1	2.2	2.2
9/18/2007 19:00	9.6	9.4	2.7	2.7
9/18/2007 20:00	6.8	6.8	4.4	4.4
9/18/2007 21:00	7.3	7.3	5.7	5.7
9/18/2007 22:00	8.3	8.3	4.8	4.8
9/18/2007 23:00	37.7	31.5	3.6	3.6
9/19/2007 0:00	10.5	10.5	3.5	3.5
9/19/2007 1:00	30.7	18.8	8.0	8.0
9/19/2007 2:00	31.8	28.3	5.3	5.3
9/19/2007 3:00	29.5	27.6	4.8	4.8
9/19/2007 4:00	21.0	19.9	2.9	2.9
9/19/2007 5:00	32.8	28.1	3.1	3.1
9/19/2007 6:00	38.5	25.8	3.6	3.6
9/19/2007 7:00	33.4	18.7	8.8	8.8
9/19/2007 8:00	64.2	24.0	9.2	9.2
9/19/2007 9:00	51.2	25.2	13.7	13.7
9/19/2007 10:00	33.2	18.6	9.1	9.1
9/19/2007 11:00	28.2	17.6	10.6	10.6
9/19/2007 12:00	24.4	17.0	11.6	11.6
9/19/2007 13:00	28.3	19.7	12.4	12.4
9/19/2007 14:00	28.0	20.2	14.6	14.6
9/19/2007 15:00	25.6	18.9	12.0	12.0
9/19/2007 16:00	18.3	15.4	6.6	6.6
9/19/2007 17:00	21.0	17.2	3.9	3.9
9/19/2007 18:00	20.0	17.1	3.5	3.5
9/19/2007 19:00	22.4	20.8	2.9	2.9
9/19/2007 20:00	35.7	33.0	3.9	3.9
9/19/2007 21:00	54.7	45.7	7.9	7.9
9/19/2007 22:00	44.0	34.1	15.6	14.7
9/19/2007 23:00	61.8	40.6	48.2	39.2
9/20/2007 0:00	30.4	28.1	37.4	34.2
9/20/2007 1:00	28.4	23.0	32.7	29.7
9/20/2007 2:00	9.4	8.7	23.3	18.5
9/20/2007 3:00	5.6	5.6	26.6	19.7
9/20/2007 4:00	4.2	4.2	12.9	12.0
9/20/2007 5:00	4.2	4.2	14.7	12.8
9/20/2007 6:00	5.9	5.9	15.7	13.5
9/20/2007 7:00	8.0	8.0	31.1	21.8
9/20/2007 8:00	15.1	14.8	37.5	22.6
9/20/2007 9:00	18.6	15.6	44.3	24.1
9/20/2007 10:00	16.7	12.7	38.2	20.4
9/20/2007 11:00	6.2	4.7	26.8	14.4
9/20/2007 12:00	4.0	3.0	34.0	16.0
9/20/2007 13:00	5.2	3.7	33.3	16.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
9/20/2007 14:00	4.9	3.6	34.2	17.9
9/20/2007 15:00	4.0	3.2	39.3	21.5
9/20/2007 16:00	3.5	2.9	36.5	20.0
9/20/2007 17:00	3.6	2.9	34.0	20.0
9/20/2007 18:00	1.6	1.4	34.3	20.7
9/20/2007 19:00	5.3	4.7	31.7	20.8
9/20/2007 20:00	18.1	17.1	2.3	2.3
9/20/2007 21:00	9.3	9.3	43.9	23.4
9/20/2007 22:00	12.7	12.7	86.4	43.8
9/20/2007 23:00	11.3	11.3	63.8	40.4
9/21/2007 0:00	30.8	18.6	66.5	34.5
9/21/2007 1:00	10.3	10.3	64.2	30.9
9/21/2007 2:00	18.4	16.1	57.4	31.3
9/21/2007 3:00	16.1	15.5	59.9	30.3
9/21/2007 4:00	39.2	14.5	56.6	26.1
9/21/2007 5:00	34.1	13.1	57.4	21.7
9/21/2007 6:00	32.7	11.8	33.8	21.9
9/21/2007 7:00	28.3	11.8	50.5	21.4
9/21/2007 8:00	18.0	8.9	76.1	23.3
9/21/2007 9:00	41.9	13.9	45.8	16.4
9/21/2007 10:00	35.0	14.3	9.5	9.5
9/21/2007 11:00	22.5	12.0	6.7	6.7
9/21/2007 12:00	19.0	13.7	6.2	6.2
9/21/2007 13:00	18.0	13.5	6.4	6.4
9/21/2007 14:00	23.7	18.5	6.8	6.8
9/21/2007 15:00	20.7	17.1	9.4	9.4
9/21/2007 16:00	19.3	16.2	2.9	2.9
9/21/2007 17:00	15.2	13.2	2.2	2.2
9/21/2007 18:00	16.0	15.0	2.1	2.1
9/21/2007 19:00	4.9	4.9	1.9	1.9
9/21/2007 20:00	5.5	5.5	2.6	2.6
9/21/2007 21:00	9.6	9.6	2.3	2.3
9/21/2007 22:00	15.4	15.4	2.4	2.4
9/21/2007 23:00	19.0	19.0	4.1	4.1
9/22/2007 0:00	23.7	23.7	3.6	3.6
9/22/2007 1:00	19.6	19.6	3.3	3.3
9/22/2007 2:00	8.3	7.9	3.9	3.9
9/22/2007 3:00	7.2	7.2	4.7	4.7
9/22/2007 4:00	7.2	7.3	5.8	5.8
9/22/2007 5:00	9.6	9.5	7.1	7.1
9/22/2007 6:00	8.5	7.7	6.3	6.3
9/22/2007 7:00	13.4	12.7	6.5	6.5
9/22/2007 8:00	25.0	20.3	6.6	6.6
9/22/2007 9:00	15.5	12.8	14.0	14.0
9/22/2007 10:00	7.1	4.2	7.0	6.8
9/22/2007 11:00	8.8	4.4	6.2	5.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
9/22/2007 12:00	9.3	5.3	5.8	5.9
9/22/2007 13:00	9.7	5.7	5.5	5.5
9/22/2007 14:00	8.4	5.5	5.0	5.0
9/22/2007 15:00	8.9	6.3	7.8	7.8
9/22/2007 16:00	10.9	7.4	8.1	8.1
9/22/2007 17:00	12.2	7.6	5.5	5.5
9/22/2007 18:00	14.2	9.0	5.4	5.4
9/22/2007 19:00	29.1	17.4	14.3	13.7
9/22/2007 20:00	36.5	24.2	32.4	24.0
9/22/2007 21:00	60.8	30.1	99.2	38.3
9/22/2007 22:00	82.3	28.7	97.8	35.9
9/22/2007 23:00	106.3	28.7	95.2	33.7
9/23/2007 0:00	93.9	25.4	93.0	31.5
9/23/2007 1:00	97.5	26.7	126.1	30.0
9/23/2007 2:00	109.2	25.0	96.6	28.2
9/23/2007 3:00	93.4	23.2	90.7	25.1
9/23/2007 4:00	82.5	21.8	85.3	22.4
9/23/2007 5:00	76.7	21.2	96.7	22.7
9/23/2007 6:00	51.8	18.9	73.8	21.3
9/23/2007 7:00	82.0	16.4	68.8	22.6
9/23/2007 8:00	54.1	15.3	61.4	22.5
9/23/2007 9:00	35.9	14.2	51.8	20.2
9/23/2007 10:00	11.5	7.5	19.0	11.8
9/23/2007 11:00	0.9	0.6	7.7	6.2
9/23/2007 12:00	outlier removed	outlier removed	5.1	4.9
9/23/2007 13:00	outlier removed	outlier removed	3.0	3.0
9/23/2007 14:00	outlier removed	outlier removed	3.2	3.2
9/23/2007 15:00	outlier removed	outlier removed	2.7	2.7
9/23/2007 16:00	outlier removed	outlier removed	3.4	3.4
9/23/2007 17:00	outlier removed	outlier removed	4.2	4.2
9/23/2007 18:00	outlier removed	outlier removed	3.2	3.2
9/23/2007 19:00	outlier removed	outlier removed	1.7	1.7
9/23/2007 20:00	0.8	0.8	30.7	23.4
9/23/2007 21:00	6.6	6.6	33.1	25.9
9/23/2007 22:00	7.3	6.9	29.0	27.7
9/23/2007 23:00	11.0	8.5	50.0	33.8
9/24/2007 0:00	20.1	10.7	79.7	33.6
9/24/2007 1:00	34.8	18.1	80.1	34.8
9/24/2007 2:00	34.6	18.7	44.9	30.9
9/24/2007 3:00	23.8	12.0	83.6	34.6
9/24/2007 4:00	23.6	11.9	78.3	31.0
9/24/2007 5:00	71.4	17.5	64.8	28.3
9/24/2007 6:00	78.3	14.2	84.4	26.6
9/24/2007 7:00	89.6	16.3	74.9	24.1
9/24/2007 8:00	36.9	8.8	151.9	24.8
9/24/2007 9:00	23.5	7.8	60.7	18.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
9/24/2007 10:00	44.3	17.7	10.8	11.0
9/24/2007 11:00	24.7	15.6	8.9	8.9
9/24/2007 12:00	45.1	26.2	8.3	8.3
9/24/2007 13:00	45.4	28.2	11.9	11.9
9/24/2007 14:00	20.5	14.9	9.5	9.5
9/24/2007 15:00	18.8	13.6	3.2	3.2
9/24/2007 16:00	14.9	12.0	2.3	2.3
9/24/2007 17:00	17.9	15.1	2.4	2.4
9/24/2007 18:00	14.3	13.3	2.3	2.3
9/24/2007 19:00	11.6	11.6	2.2	2.2
9/24/2007 20:00	11.2	11.2	3.4	3.4
9/24/2007 21:00	19.4	19.4	4.7	4.7
9/24/2007 22:00	17.6	17.6	3.6	3.6
9/24/2007 23:00	31.9	31.4	3.1	3.1
9/25/2007 0:00	28.7	28.1	3.3	3.3
9/25/2007 1:00	11.1	11.1	2.5	2.5
9/25/2007 2:00	9.5	9.1	3.2	3.2
9/25/2007 3:00	8.3	8.2	4.0	4.0
9/25/2007 4:00	13.4	13.4	5.5	5.5
9/25/2007 5:00	25.9	24.8	6.4	6.4
9/25/2007 6:00	25.4	23.2	6.7	6.7
9/25/2007 7:00	36.5	26.7	7.0	7.0
9/25/2007 8:00	39.0	24.2	8.8	8.8
9/25/2007 9:00	37.7	19.8	11.4	11.4
9/25/2007 10:00	27.4	13.4	8.7	8.7
9/25/2007 11:00	24.1	10.8	8.2	8.3
9/25/2007 12:00	23.5	10.6	6.4	6.4
9/25/2007 13:00	21.2	11.2	3.9	3.9
9/25/2007 14:00	15.9	9.3	3.1	3.1
9/25/2007 15:00	15.2	9.0	4.3	4.3
9/25/2007 16:00	14.5	9.9	3.4	3.4
9/25/2007 17:00	25.3	18.2	2.5	2.5
9/25/2007 18:00	16.3	10.6	1.5	1.5
9/25/2007 19:00	26.6	18.8	2.7	2.7
9/25/2007 20:00	35.9	23.3	2.9	2.9
9/25/2007 21:00	29.9	20.4	4.9	4.9
9/25/2007 22:00	22.1	14.2	6.1	6.1
9/25/2007 23:00	20.2	11.8	6.0	6.0
9/26/2007 0:00	7.8	4.1	6.2	6.2
9/26/2007 1:00	10.9	6.1	2.1	2.1
9/26/2007 2:00	9.1	5.6	3.7	3.7
9/26/2007 3:00	5.1	2.8	3.4	3.4
9/26/2007 4:00	5.5	2.8	3.5	3.5
9/26/2007 5:00	5.4	2.7	2.9	2.9
9/26/2007 6:00	11.9	6.0	2.9	2.9
9/26/2007 7:00	17.3	6.9	3.3	3.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
9/26/2007 8:00	27.9	11.2	5.1	5.1
9/26/2007 9:00	30.9	9.8	7.4	7.4
9/26/2007 10:00	37.4	10.0	13.4	13.4
9/26/2007 11:00	32.7	9.1	18.6	11.7
9/26/2007 12:00	52.0	14.9	49.5	16.1
9/26/2007 13:00	15.5	8.4	39.2	14.6
9/26/2007 14:00	21.4	11.4	53.6	18.2
9/26/2007 15:00	18.3	12.1	53.7	18.2
9/26/2007 16:00	15.6	12.7	61.6	21.2
9/26/2007 17:00	14.4	12.4	64.4	21.9
9/26/2007 18:00	15.3	11.7	68.2	23.2
9/26/2007 19:00	14.7	12.3	64.2	22.8
9/26/2007 20:00	11.0	9.8	49.2	18.2
9/26/2007 21:00	3.5	3.5	43.7	16.7
9/26/2007 22:00	1.6	1.6	36.9	12.2
9/26/2007 23:00	0.4	0.4	26.3	11.0
9/27/2007 0:00	0.7	0.7	18.6	10.7
9/27/2007 1:00	0.7	0.7	29.3	14.0
9/27/2007 2:00	1.6	1.1	20.0	10.0
9/27/2007 3:00	1.1	0.9	18.9	10.5
9/27/2007 4:00	9.7	6.0	15.4	10.6
9/27/2007 5:00	6.6	5.4	26.3	13.6
9/27/2007 6:00	5.9	5.3	18.3	11.5
9/27/2007 7:00	8.0	7.8	31.5	16.8
9/27/2007 8:00	18.1	11.7	57.2	20.9
9/27/2007 9:00	54.8	15.3	69.0	19.3
9/27/2007 10:00	66.7	16.8	55.1	19.7
9/27/2007 11:00	49.0	16.9	29.6	16.9
9/27/2007 12:00	44.3	18.9	34.7	20.7
9/27/2007 13:00	60.7	25.3	28.5	19.7
9/27/2007 14:00	40.5	18.2	11.1	10.9
9/27/2007 15:00	28.3	13.8	11.3	11.4
9/27/2007 16:00	37.0	18.1	10.2	10.2
9/27/2007 17:00	33.8	18.3	10.6	10.6
9/27/2007 18:00	38.1	20.3	10.8	10.8
9/27/2007 19:00	37.1	23.8	11.1	11.1
9/27/2007 20:00	47.1	28.2	17.7	17.7
9/27/2007 21:00	71.9	28.3	11.3	11.3
9/27/2007 22:00	30.6	21.5	6.9	6.9
9/27/2007 23:00	39.4	22.1	9.3	9.3
9/28/2007 0:00	57.6	25.9	18.4	18.4
9/28/2007 1:00	20.7	15.1	19.4	19.4
9/28/2007 2:00	31.5	21.5	28.6	17.2
9/28/2007 3:00	28.4	20.9	25.7	15.9
9/28/2007 4:00	26.4	19.1	12.0	12.0
9/28/2007 5:00	21.8	16.4	15.3	15.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
9/28/2007 6:00	41.2	24.0	39.8	29.5
9/28/2007 7:00	44.1	25.3	36.0	29.1
9/28/2007 8:00	64.5	29.0	42.1	31.4
9/28/2007 9:00	81.0	31.1	37.4	26.9
9/28/2007 10:00	65.0	27.0	41.1	24.4
9/28/2007 11:00	41.7	21.0	35.5	21.5
9/28/2007 12:00	29.3	15.0	26.8	17.4
9/28/2007 13:00	24.7	11.1	14.4	11.0
9/28/2007 14:00	15.9	8.8	10.6	9.2
9/28/2007 15:00	15.9	8.8	12.4	9.9
9/28/2007 16:00	16.5	8.7	9.4	8.1
9/28/2007 17:00	15.5	9.1	11.6	10.1
9/28/2007 18:00	19.5	11.4	13.2	11.7
9/28/2007 19:00	30.8	18.9	20.4	18.0
9/28/2007 20:00	42.9	27.6	42.1	33.5
9/28/2007 21:00	58.4	34.4	81.3	39.2
9/28/2007 22:00	101.7	35.2	160.9	41.5
9/28/2007 23:00	121.6	34.0	118.3	34.4
9/29/2007 0:00	159.0	32.0	151.4	32.3
9/29/2007 1:00	163.8	28.5	142.6	28.9
9/29/2007 2:00	148.0	25.3	140.8	28.1
9/29/2007 3:00	71.5	19.8	70.3	27.1
9/29/2007 4:00	10.9	10.1	30.9	23.6
9/29/2007 5:00	3.9	3.9	27.0	20.0
9/29/2007 6:00	21.1	12.6	45.5	25.4
9/29/2007 7:00	8.3	7.2	60.4	23.6
9/29/2007 8:00	5.3	5.3	48.1	22.3
9/29/2007 9:00	5.2	4.6	40.4	20.5
9/29/2007 10:00	9.5	6.4	16.7	9.9
9/29/2007 11:00	2.3	1.5	5.4	5.7
9/29/2007 12:00	7.4	4.8	2.7	2.7
9/29/2007 13:00	7.7	5.1	2.5	2.5
9/29/2007 14:00	6.3	4.3	2.8	2.8
9/29/2007 15:00	11.1	6.8	3.4	3.4
9/29/2007 16:00	14.1	9.2	4.9	4.9
9/29/2007 17:00	15.1	10.5	7.5	7.5
9/29/2007 18:00	22.6	17.1	9.4	9.4
9/29/2007 19:00	14.0	13.3	9.3	9.3
9/29/2007 20:00	8.3	8.3	3.0	3.0
9/29/2007 21:00	3.5	3.5	3.6	3.6
9/29/2007 22:00	4.8	4.8	4.5	4.5
9/29/2007 23:00	3.6	3.6	3.1	3.1
9/30/2007 0:00	5.5	5.5	3.2	3.2
9/30/2007 1:00	4.0	4.0	11.6	11.6
9/30/2007 2:00	18.2	14.6	3.9	3.9
9/30/2007 3:00	18.3	13.7	20.6	12.6

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
9/30/2007 4:00	7.7	6.9	14.5	12.1
9/30/2007 5:00	9.4	4.7	31.2	18.6
9/30/2007 6:00	17.8	9.9	34.4	15.2
9/30/2007 7:00	9.7	4.4	19.3	12.9
9/30/2007 8:00	37.9	11.0	48.3	18.9
9/30/2007 9:00	36.7	9.7	27.4	12.6
9/30/2007 10:00	16.1	10.2	2.9	2.9
9/30/2007 11:00	7.6	4.5	1.9	1.9
9/30/2007 12:00	6.8	4.4	2.4	2.4
9/30/2007 13:00	8.4	5.1	2.6	2.6
9/30/2007 14:00	8.9	5.5	2.9	2.9
9/30/2007 15:00	7.8	5.4	1.7	1.7
9/30/2007 16:00	8.4	6.2	1.5	1.5
9/30/2007 17:00	14.2	11.7	2.0	2.0
9/30/2007 18:00	9.7	8.4	1.6	1.6
9/30/2007 19:00	2.4	2.4	2.2	2.2
9/30/2007 20:00	4.0	4.0	3.1	3.1
9/30/2007 21:00	6.0	6.0	3.4	3.4
9/30/2007 22:00	10.5	10.5	3.4	3.4
9/30/2007 23:00	17.3	17.1	2.6	2.6
10/1/2007 0:00	9.0	8.8	2.2	2.2
10/1/2007 1:00	6.2	6.2	2.2	2.2
10/1/2007 2:00	5.5	5.4	2.6	2.6
10/1/2007 3:00	4.7	4.7	2.9	2.9
10/1/2007 4:00	10.8	10.8	3.5	3.5
10/1/2007 5:00	20.4	19.1	3.3	3.3
10/1/2007 6:00	18.5	17.5	3.4	3.4
10/1/2007 7:00	15.7	14.9	4.2	4.2
10/1/2007 8:00	29.4	25.5	4.9	4.9
10/1/2007 9:00	31.4	26.1	5.7	5.7
10/1/2007 10:00	23.7	17.3	6.1	6.1
10/1/2007 11:00	16.0	11.1	5.1	5.1
10/1/2007 12:00	23.7	17.4	12.5	12.5
10/1/2007 13:00	18.0	13.7	5.5	5.5
10/1/2007 14:00	15.1	12.1	2.2	2.2
10/1/2007 15:00	23.7	18.9	3.2	3.2
10/1/2007 16:00	24.9	19.1	3.1	3.1
10/1/2007 17:00	20.8	16.9	2.7	2.7
10/1/2007 18:00	11.7	10.9	3.1	3.1
10/1/2007 19:00	24.5	20.7	2.8	2.8
10/1/2007 20:00	27.1	24.3	3.0	3.0
10/1/2007 21:00	26.2	24.2	2.8	2.8
10/1/2007 22:00	20.6	17.9	2.4	2.4
10/1/2007 23:00	5.0	5.0	1.9	1.9
10/2/2007 0:00	11.1	9.7	1.6	1.6
10/2/2007 1:00	15.2	13.8	1.7	1.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/2/2007 2:00	13.3	9.2	1.6	1.6
10/2/2007 3:00	18.2	12.1	3.4	3.4
10/2/2007 4:00	34.8	17.7	5.5	5.5
10/2/2007 5:00	35.1	16.2	5.3	5.3
10/2/2007 6:00	32.4	15.1	7.3	7.3
10/2/2007 7:00	43.7	16.5	15.5	11.8
10/2/2007 8:00	46.0	15.3	8.7	8.7
10/2/2007 9:00	33.1	14.6	59.4	20.1
10/2/2007 10:00	47.4	17.9	55.1	21.8
10/2/2007 11:00	42.1	17.3	33.9	18.2
10/2/2007 12:00	44.7	15.9	9.0	9.0
10/2/2007 13:00	30.4	11.0	8.9	8.2
10/2/2007 14:00	28.0	12.1	6.1	6.1
10/2/2007 15:00	27.2	12.5	6.5	6.5
10/2/2007 16:00	22.7	11.6	6.7	6.7
10/2/2007 17:00	30.0	15.4	6.3	6.3
10/2/2007 18:00	28.4	14.9	6.5	6.5
10/2/2007 19:00	25.5	18.3	7.4	7.4
10/2/2007 20:00	9.1	9.1	9.4	9.4
10/2/2007 21:00	10.5	10.5	5.8	5.8
10/2/2007 22:00	10.6	10.6	3.1	3.1
10/2/2007 23:00	9.7	9.7	2.9	2.9
10/3/2007 0:00	18.3	15.5	2.9	2.9
10/3/2007 1:00	15.0	13.5	2.9	2.9
10/3/2007 2:00	8.4	7.3	3.4	3.4
10/3/2007 3:00	5.9	5.0	2.9	2.9
10/3/2007 4:00	5.4	4.8	2.6	2.6
10/3/2007 5:00	8.1	6.9	2.7	2.7
10/3/2007 6:00	11.2	9.6	3.1	3.1
10/3/2007 7:00	10.7	8.5	3.9	3.9
10/3/2007 8:00	17.2	12.3	9.0	9.0
10/3/2007 9:00	11.7	6.4	3.3	3.3
10/3/2007 10:00	19.3	9.7	3.3	3.3
10/3/2007 11:00	19.6	9.1	4.8	4.8
10/3/2007 12:00	17.5	7.7	4.3	4.3
10/3/2007 13:00	21.2	9.2	3.9	3.9
10/3/2007 14:00	25.4	11.1	4.4	4.4
10/3/2007 15:00	21.9	11.7	4.7	4.7
10/3/2007 16:00	19.3	10.2	4.8	4.8
10/3/2007 17:00	22.2	12.9	3.8	3.8
10/3/2007 18:00	33.6	18.4	3.2	3.2
10/3/2007 19:00	65.7	32.5	3.6	3.6
10/3/2007 20:00	47.8	35.2	19.7	12.9
10/3/2007 21:00	48.8	30.9	39.9	26.4
10/3/2007 22:00	87.2	34.4	16.3	13.1
10/3/2007 23:00	152.1	32.6	46.4	24.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/4/2007 0:00	193.6	30.2	145.2	31.9
10/4/2007 1:00	172.0	24.6	163.5	29.4
10/4/2007 2:00	151.5	27.5	223.9	30.7
10/4/2007 3:00	116.5	26.2	185.6	28.3
10/4/2007 4:00	129.7	20.6	146.3	24.4
10/4/2007 5:00	75.7	18.7	143.9	25.5
10/4/2007 6:00	88.2	18.8	98.2	26.9
10/4/2007 7:00	55.4	18.3	152.4	27.7
10/4/2007 8:00	76.5	18.4	164.9	27.8
10/4/2007 9:00	97.8	20.8	169.8	32.2
10/4/2007 10:00	58.1	22.3	83.0	29.9
10/4/2007 11:00	24.5	16.4	50.5	25.1
10/4/2007 12:00	13.7	9.2	7.9	7.9
10/4/2007 13:00	16.0	9.6	4.8	4.8
10/4/2007 14:00	21.9	13.0	2.6	2.6
10/4/2007 15:00	outlier removed	10.3	3.4	3.4
10/4/2007 16:00	29.6	19.4	outlier removed	8.2
10/4/2007 17:00	35.1	23.7	11.9	11.9
10/4/2007 18:00	33.9	28.2	3.6	3.6
10/4/2007 19:00	20.2	18.4	2.6	2.6
10/4/2007 20:00	12.5	12.4	4.9	4.9
10/4/2007 21:00	12.4	12.3	13.7	13.7
10/4/2007 22:00	10.4	10.3	44.7	41.6
10/4/2007 23:00	6.5	6.3	41.3	38.8
10/5/2007 0:00	4.3	4.1	30.8	30.8
10/5/2007 1:00	4.2	4.2	44.0	40.5
10/5/2007 2:00	4.5	4.0	36.7	31.9
10/5/2007 3:00	7.4	6.9	29.0	29.0
10/5/2007 4:00	3.2	3.0	35.8	30.3
10/5/2007 5:00	8.2	6.9	57.3	32.8
10/5/2007 6:00	8.2	7.9	73.2	33.3
10/5/2007 7:00	7.9	7.7	79.0	30.8
10/5/2007 8:00	23.7	13.0	141.1	28.6
10/5/2007 9:00	38.9	15.3	149.7	26.7
10/5/2007 10:00	59.0	21.8	16.6	13.0
10/5/2007 11:00	25.8	16.1	7.5	7.5
10/5/2007 12:00	22.9	15.4	6.4	6.4
10/5/2007 13:00	14.7	12.0	6.3	6.3
10/5/2007 14:00	15.9	13.6	3.9	3.9
10/5/2007 15:00	15.3	13.3	3.2	3.2
10/5/2007 16:00	18.0	15.1	3.0	3.0
10/5/2007 17:00	16.6	13.6	2.2	2.2
10/5/2007 18:00	15.7	13.4	2.1	2.1
10/5/2007 19:00	10.6	10.1	3.3	3.3
10/5/2007 20:00	11.2	10.8	6.1	6.1
10/5/2007 21:00	9.7	9.4	15.4	15.4

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/5/2007 22:00	12.7	12.5	7.7	7.7
10/5/2007 23:00	12.6	12.6	7.4	7.4
10/6/2007 0:00	17.1	17.0	4.2	4.2
10/6/2007 1:00	12.9	12.7	3.4	3.4
10/6/2007 2:00	24.8	22.8	3.9	3.9
10/6/2007 3:00	19.6	18.4	4.8	4.8
10/6/2007 4:00	20.3	18.4	6.0	6.0
10/6/2007 5:00	22.5	18.4	7.0	7.0
10/6/2007 6:00	36.7	20.8	7.3	7.3
10/6/2007 7:00	40.7	19.6	7.7	7.7
10/6/2007 8:00	54.3	18.5	9.3	9.3
10/6/2007 9:00	33.7	15.1	9.4	9.4
10/6/2007 10:00	24.3	11.5	8.9	8.6
10/6/2007 11:00	21.8	11.8	10.6	9.5
10/6/2007 12:00	16.8	10.2	7.3	7.3
10/6/2007 13:00	11.2	7.5	5.3	5.3
10/6/2007 14:00	16.5	12.9	3.7	3.7
10/6/2007 15:00	11.4	8.6	3.0	3.0
10/6/2007 16:00	10.2	8.2	3.3	3.3
10/6/2007 17:00	15.3	11.8	7.6	7.6
10/6/2007 18:00	20.2	15.7	8.6	8.6
10/6/2007 19:00	17.5	15.3	5.8	5.8
10/6/2007 20:00	14.5	13.7	3.2	3.2
10/6/2007 21:00	15.2	14.8	3.3	3.3
10/6/2007 22:00	18.2	17.4	4.1	4.1
10/6/2007 23:00	23.5	22.0	5.3	5.3
10/7/2007 0:00	18.7	17.5	5.2	5.2
10/7/2007 1:00	15.9	15.3	9.9	9.9
10/7/2007 2:00	28.2	19.9	37.7	28.0
10/7/2007 3:00	36.1	19.3	21.2	17.5
10/7/2007 4:00	27.2	12.5	11.2	11.2
10/7/2007 5:00	35.1	11.8	19.9	12.0
10/7/2007 6:00	26.6	9.0	6.1	6.1
10/7/2007 7:00	19.6	11.4	6.4	6.4
10/7/2007 8:00	39.7	11.6	8.8	7.7
10/7/2007 9:00	50.6	11.9	6.4	6.4
10/7/2007 10:00	35.0	21.0	9.3	8.7
10/7/2007 11:00	23.5	15.3	20.4	15.3
10/7/2007 12:00	14.9	11.4	18.0	13.8
10/7/2007 13:00	14.7	11.3	9.5	9.5
10/7/2007 14:00	16.9	13.8	12.3	12.3
10/7/2007 15:00	21.9	17.5	10.6	10.6
10/7/2007 16:00	16.2	12.4	2.2	2.2
10/7/2007 17:00	20.2	15.8	4.3	4.3
10/7/2007 18:00	24.3	17.8	1.2	1.2
10/7/2007 19:00	27.6	22.8	2.9	2.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/7/2007 20:00	21.5	20.7	5.5	5.5
10/7/2007 21:00	22.6	21.4	4.7	4.7
10/7/2007 22:00	31.7	26.7	5.5	5.5
10/7/2007 23:00	56.8	34.1	7.7	7.7
10/8/2007 0:00	50.8	29.6	9.2	9.2
10/8/2007 1:00	30.2	27.7	6.1	6.1
10/8/2007 2:00	46.6	32.0	5.4	5.4
10/8/2007 3:00	42.6	24.0	12.4	11.7
10/8/2007 4:00	32.2	16.4	7.7	7.7
10/8/2007 5:00	32.4	15.5	31.7	18.8
10/8/2007 6:00	73.5	15.3	13.8	13.8
10/8/2007 7:00	71.5	15.2	8.6	8.6
10/8/2007 8:00	73.9	16.7	7.4	7.4
10/8/2007 9:00	54.6	14.9	7.5	7.5
10/8/2007 10:00	28.5	14.9	10.9	10.0
10/8/2007 11:00	32.5	18.7	11.8	11.4
10/8/2007 12:00	35.2	21.6	13.7	13.3
10/8/2007 13:00	30.8	22.0	12.5	12.7
10/8/2007 14:00	outlier removed	outlier removed	5.3	5.3
10/8/2007 15:00	outlier removed	outlier removed	5.9	5.9
10/8/2007 16:00	outlier removed	outlier removed	5.1	5.1
10/8/2007 17:00	outlier removed	outlier removed	3.0	3.0
10/8/2007 18:00	outlier removed	outlier removed	3.4	3.4
10/8/2007 19:00	outlier removed	outlier removed	3.5	3.5
10/8/2007 20:00	outlier removed	outlier removed	6.1	6.1
10/8/2007 21:00	19.9	14.7	12.0	12.0
10/8/2007 22:00	151.0	13.1	7.3	7.3
10/8/2007 23:00	74.4	17.2	5.5	5.5
10/9/2007 0:00	44.2	40.9	5.7	5.7
10/9/2007 1:00	35.7	33.6	4.8	4.8
10/9/2007 2:00	44.2	32.8	4.9	4.9
10/9/2007 3:00	32.3	27.2	10.0	10.0
10/9/2007 4:00	28.6	25.1	21.0	21.0
10/9/2007 5:00	21.2	17.3	13.0	13.0
10/9/2007 6:00	17.2	14.2	9.7	9.7
10/9/2007 7:00	21.2	14.8	11.4	11.5
10/9/2007 8:00	23.7	15.8	17.4	13.8
10/9/2007 9:00	41.0	21.6	30.7	17.5
10/9/2007 10:00	44.4	21.6	30.9	17.3
10/9/2007 11:00	35.8	18.9	28.8	15.5
10/9/2007 12:00	34.0	19.0	25.0	15.9
10/9/2007 13:00	51.3	26.6	26.4	17.1
10/9/2007 14:00	22.5	12.3	4.2	4.2
10/9/2007 15:00	22.0	11.6	3.3	3.3
10/9/2007 16:00	22.3	12.9	2.4	2.4
10/9/2007 17:00	20.4	10.5	2.0	2.0

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/9/2007 18:00	22.8	13.6	2.7	2.7
10/9/2007 19:00	39.5	21.5	3.8	3.8
10/9/2007 20:00	46.7	26.7	5.6	5.6
10/9/2007 21:00	52.0	32.7	9.1	9.1
10/9/2007 22:00	56.1	34.3	9.1	9.1
10/9/2007 23:00	53.7	33.1	6.4	6.4
10/10/2007 0:00	29.2	18.9	8.3	8.3
10/10/2007 1:00	18.8	14.3	12.2	12.6
10/10/2007 2:00	17.0	12.3	9.3	9.3
10/10/2007 3:00	19.9	14.3	12.5	12.5
10/10/2007 4:00	16.4	12.0	13.2	13.2
10/10/2007 5:00	17.8	11.6	9.1	9.1
10/10/2007 6:00	17.3	9.4	3.2	3.2
10/10/2007 7:00	20.6	8.6	5.8	5.8
10/10/2007 8:00	29.9	12.5	6.9	6.9
10/10/2007 9:00	33.5	14.1	9.2	9.2
10/10/2007 10:00	35.9	12.9	13.9	8.7
10/10/2007 11:00	40.5	15.1	12.4	7.8
10/10/2007 12:00	35.4	12.6	5.6	5.0
10/10/2007 13:00	34.8	11.4	3.7	3.7
10/10/2007 14:00	33.8	11.2	3.9	3.9
10/10/2007 15:00	32.5	10.6	10.6	6.1
10/10/2007 16:00	31.0	10.2	5.1	5.1
10/10/2007 17:00	29.9	9.4	4.1	4.1
10/10/2007 18:00	33.5	11.1	5.2	5.2
10/10/2007 19:00	40.0	12.0	6.4	6.4
10/10/2007 20:00	64.5	17.8	11.0	11.0
10/10/2007 21:00	55.5	15.4	8.4	8.4
10/10/2007 22:00	55.8	14.9	7.7	7.7
10/10/2007 23:00	48.5	12.7	6.9	6.9
10/11/2007 0:00	44.2	11.8	5.4	5.4
10/11/2007 1:00	39.2	10.8	43.2	9.5
10/11/2007 2:00	45.7	12.7	22.3	9.7
10/11/2007 3:00	57.2	12.2	41.1	10.8
10/11/2007 4:00	61.8	12.0	23.8	9.7
10/11/2007 5:00	66.2	12.3	26.3	9.8
10/11/2007 6:00	66.3	15.1	19.9	10.2
10/11/2007 7:00	61.2	15.3	14.0	9.7
10/11/2007 8:00	44.8	12.5	9.6	8.8
10/11/2007 9:00	44.0	11.3	10.2	7.6
10/11/2007 10:00	60.8	12.5	17.0	7.5
10/11/2007 11:00	48.4	14.2	60.1	15.0
10/11/2007 12:00	21.1	7.2	47.1	9.1
10/11/2007 13:00	7.3	4.0	30.7	8.3
10/11/2007 14:00	6.7	4.2	26.5	7.8
10/11/2007 15:00	19.7	9.6	35.5	11.4

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/11/2007 16:00	17.2	9.5	22.4	9.4
10/11/2007 17:00	14.7	8.4	22.6	9.4
10/11/2007 18:00	12.9	8.6	25.6	9.7
10/11/2007 19:00	7.9	6.7	25.9	9.6
10/11/2007 20:00	9.6	7.5	20.0	9.7
10/11/2007 21:00	8.8	6.6	22.3	9.4
10/11/2007 22:00	8.5	6.0	19.7	9.6
10/11/2007 23:00	8.1	6.6	19.1	9.9
10/12/2007 0:00	5.6	4.3	16.7	8.9
10/12/2007 1:00	5.7	4.9	10.8	6.9
10/12/2007 2:00	7.6	6.4	13.9	8.7
10/12/2007 3:00	12.2	10.2	11.5	7.6
10/12/2007 4:00	6.3	5.3	10.2	7.1
10/12/2007 5:00	9.2	7.1	11.1	6.9
10/12/2007 6:00	20.0	14.0	17.5	11.0
10/12/2007 7:00	35.6	20.1	29.1	16.7
10/12/2007 8:00	51.0	25.1	42.4	22.8
10/12/2007 9:00	52.1	24.8	40.1	23.2
10/12/2007 10:00	47.2	22.1	42.6	20.4
10/12/2007 11:00	28.1	15.6	24.3	13.9
10/12/2007 12:00	23.8	13.5	23.2	13.2
10/12/2007 13:00	33.5	16.1	17.8	11.7
10/12/2007 14:00	26.5	14.9	12.3	9.4
10/12/2007 15:00	29.6	15.1	14.5	11.0
10/12/2007 16:00	30.5	15.0	15.1	11.3
10/12/2007 17:00	29.5	15.3	10.5	9.4
10/12/2007 18:00	27.5	13.5	4.5	4.5
10/12/2007 19:00	39.4	18.2	4.2	4.2
10/12/2007 20:00	41.2	22.2	6.5	6.5
10/12/2007 21:00	71.4	29.0	15.1	14.2
10/12/2007 22:00	73.3	26.9	17.2	17.2
10/12/2007 23:00	73.2	25.0	16.8	16.0
10/13/2007 0:00	70.2	25.1	54.4	20.1
10/13/2007 1:00	51.0	24.8	15.4	15.4
10/13/2007 2:00	41.8	25.6	16.9	16.9
10/13/2007 3:00	37.0	22.4	16.5	16.5
10/13/2007 4:00	29.4	19.8	13.8	13.8
10/13/2007 5:00	40.7	24.0	14.2	14.2
10/13/2007 6:00	37.5	21.6	23.6	15.1
10/13/2007 7:00	30.6	18.6	12.0	12.0
10/13/2007 8:00	43.0	20.3	12.2	12.2
10/13/2007 9:00	51.1	18.7	12.3	11.0
10/13/2007 10:00	29.5	13.2	7.1	7.1
10/13/2007 11:00	23.9	12.9	6.3	6.3
10/13/2007 12:00	22.0	10.1	5.6	5.8
10/13/2007 13:00	13.8	6.8	3.8	3.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/13/2007 14:00	13.5	7.4	4.0	4.0
10/13/2007 15:00	11.4	5.8	3.7	3.7
10/13/2007 16:00	10.5	6.1	3.1	3.1
10/13/2007 17:00	15.0	8.3	3.0	3.0
10/13/2007 18:00	19.1	10.2	3.2	3.2
10/13/2007 19:00	32.6	20.0	5.3	5.3
10/13/2007 20:00	41.6	26.7	20.0	13.9
10/13/2007 21:00	52.7	28.1	20.7	17.0
10/13/2007 22:00	49.2	29.9	17.6	17.6
10/13/2007 23:00	39.6	28.1	20.0	20.0
10/14/2007 0:00	29.0	22.5	20.0	20.4
10/14/2007 1:00	22.4	18.5	16.6	16.0
10/14/2007 2:00	26.6	19.2	17.8	17.8
10/14/2007 3:00	23.4	17.2	18.7	17.2
10/14/2007 4:00	28.8	17.0	14.0	14.1
10/14/2007 5:00	34.5	19.8	18.1	15.1
10/14/2007 6:00	36.8	20.7	24.9	19.5
10/14/2007 7:00	44.4	19.7	39.4	18.9
10/14/2007 8:00	66.6	20.2	44.3	18.2
10/14/2007 9:00	61.9	18.7	36.3	17.8
10/14/2007 10:00	30.9	16.0	29.6	15.7
10/14/2007 11:00	27.6	15.1	10.7	8.7
10/14/2007 12:00	27.1	16.0	8.9	8.1
10/14/2007 13:00	25.7	15.6	16.6	11.5
10/14/2007 14:00	13.9	9.1	8.7	8.3
10/14/2007 15:00	38.3	22.0	15.8	14.1
10/14/2007 16:00	21.7	12.8	6.3	6.3
10/14/2007 17:00	31.8	18.8	8.5	8.5
10/14/2007 18:00	42.9	22.5	9.4	9.4
10/14/2007 19:00	29.5	19.1	10.2	10.2
10/14/2007 20:00	36.6	21.3	13.0	13.0
10/14/2007 21:00	47.4	21.2	56.1	23.5
10/14/2007 22:00	55.3	21.6	28.8	16.4
10/14/2007 23:00	25.2	16.6	7.7	7.7
10/15/2007 0:00	11.9	11.5	30.8	17.4
10/15/2007 1:00	12.8	12.3	30.1	18.0
10/15/2007 2:00	11.6	11.4	22.2	15.4
10/15/2007 3:00	10.5	10.0	31.7	18.6
10/15/2007 4:00	10.1	9.7	44.7	20.2
10/15/2007 5:00	10.6	9.8	34.3	20.3
10/15/2007 6:00	9.5	9.0	34.6	17.7
10/15/2007 7:00	11.4	11.3	52.8	18.7
10/15/2007 8:00	16.1	14.1	83.5	23.6
10/15/2007 9:00	27.9	18.5	73.9	22.0
10/15/2007 10:00	27.6	17.9	48.0	19.5
10/15/2007 11:00	14.6	10.6	7.2	7.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/15/2007 12:00	20.2	12.4	5.4	5.4
10/15/2007 13:00	18.1	12.3	6.8	6.8
10/15/2007 14:00	12.9	10.1	6.6	6.6
10/15/2007 15:00	7.9	6.5	6.0	6.0
10/15/2007 16:00	9.6	8.3	6.5	6.5
10/15/2007 17:00	8.8	7.9	26.6	20.2
10/15/2007 18:00	12.7	11.5	41.0	25.7
10/15/2007 19:00	14.9	14.1	38.4	24.0
10/15/2007 20:00	9.6	9.6	28.3	18.3
10/15/2007 21:00	7.0	7.0	45.7	23.3
10/15/2007 22:00	7.4	7.0	52.8	23.1
10/15/2007 23:00	7.6	7.1	32.1	17.5
10/16/2007 0:00	7.9	7.5	24.7	15.7
10/16/2007 1:00	3.8	3.5	14.2	10.7
10/16/2007 2:00	4.5	3.9	14.9	10.3
10/16/2007 3:00	3.7	3.4	10.3	10.0
10/16/2007 4:00	4.1	3.7	11.8	9.1
10/16/2007 5:00	3.6	3.4	16.0	11.2
10/16/2007 6:00	5.0	4.7	12.9	9.1
10/16/2007 7:00	5.5	5.4	19.1	11.9
10/16/2007 8:00	7.8	7.5	25.0	14.8
10/16/2007 9:00	8.5	7.9	25.2	14.4
10/16/2007 10:00	8.0	7.3	18.5	13.0
10/16/2007 11:00	6.4	5.6	21.7	14.8
10/16/2007 12:00	8.4	7.4	8.4	8.4
10/16/2007 13:00	11.2	9.5	8.8	8.8
10/16/2007 14:00	22.8	17.0	11.5	11.5
10/16/2007 15:00	28.1	21.0	25.4	19.7
10/16/2007 16:00	24.0	17.5	22.6	17.9
10/16/2007 17:00	13.2	11.5	23.8	19.3
10/16/2007 18:00	13.9	13.1	14.9	14.9
10/16/2007 19:00	15.8	15.4	12.4	12.4
10/16/2007 20:00	15.8	15.4	8.4	8.4
10/16/2007 21:00	17.7	15.6	6.3	6.3
10/16/2007 22:00	41.5	28.4	4.2	4.2
10/16/2007 23:00	37.6	27.2	4.5	4.5
10/17/2007 0:00	31.9	23.1	3.7	3.7
10/17/2007 1:00	17.9	14.2	3.7	3.7
10/17/2007 2:00	28.9	17.3	4.0	4.0
10/17/2007 3:00	16.4	11.8	7.2	7.2
10/17/2007 4:00	16.2	11.1	10.8	10.8
10/17/2007 5:00	45.8	24.4	39.2	24.8
10/17/2007 6:00	26.4	15.7	11.1	11.1
10/17/2007 7:00	40.8	18.7	5.4	5.4
10/17/2007 8:00	44.6	18.4	6.6	6.6
10/17/2007 9:00	43.9	19.0	9.1	9.1

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/17/2007 10:00	49.5	19.6	11.7	11.4
10/17/2007 11:00	38.4	17.3	12.6	11.9
10/17/2007 12:00	32.5	13.7	8.9	8.5
10/17/2007 13:00	26.9	13.7	7.3	7.3
10/17/2007 14:00	25.9	14.3	7.4	7.4
10/17/2007 15:00	24.3	14.8	7.3	7.3
10/17/2007 16:00	32.6	19.2	6.8	6.8
10/17/2007 17:00	32.2	20.6	6.6	6.6
10/17/2007 18:00	45.4	31.2	11.0	11.0
10/17/2007 19:00	27.3	24.9	9.7	9.7
10/17/2007 20:00	14.2	13.8	35.9	21.1
10/17/2007 21:00	12.4	12.2	80.5	43.0
10/17/2007 22:00	12.0	11.8	46.7	32.0
10/17/2007 23:00	13.9	13.9	14.2	14.2
10/18/2007 0:00	6.1	5.7	43.0	28.4
10/18/2007 1:00	10.3	9.8	37.7	25.9
10/18/2007 2:00	6.4	6.0	36.7	25.1
10/18/2007 3:00	12.7	9.6	22.2	17.6
10/18/2007 4:00	6.3	5.9	20.5	16.1
10/18/2007 5:00	6.2	5.7	16.9	16.0
10/18/2007 6:00	6.9	6.8	6.3	6.3
10/18/2007 7:00	8.3	7.6	5.6	5.6
10/18/2007 8:00	10.9	9.1	6.0	6.0
10/18/2007 9:00	28.0	17.2	7.2	7.2
10/18/2007 10:00	26.4	16.3	4.5	4.5
10/18/2007 11:00	25.3	13.9	3.9	3.9
10/18/2007 12:00	23.9	12.7	4.9	4.9
10/18/2007 13:00	20.6	10.6	4.2	4.2
10/18/2007 14:00	16.3	8.6	3.5	3.5
10/18/2007 15:00	16.7	8.1	3.0	3.0
10/18/2007 16:00	16.3	9.4	3.0	3.0
10/18/2007 17:00	17.9	9.5	2.6	2.6
10/18/2007 18:00	24.7	14.8	2.9	2.9
10/18/2007 19:00	33.5	20.8	2.5	2.5
10/18/2007 20:00	36.5	25.0	2.6	2.6
10/18/2007 21:00	24.2	18.2	3.0	3.0
10/18/2007 22:00	18.3	12.6	3.0	3.0
10/18/2007 23:00	15.8	10.8	2.3	2.3
10/19/2007 0:00	12.6	8.2	2.1	2.1
10/19/2007 1:00	9.1	6.0	2.1	2.1
10/19/2007 2:00	7.9	5.1	2.4	2.4
10/19/2007 3:00	7.8	4.9	2.3	2.3
10/19/2007 4:00	5.7	3.7	2.4	2.4
10/19/2007 5:00	6.0	4.1	2.0	2.0
10/19/2007 6:00	10.9	8.2	3.5	3.5
10/19/2007 7:00	16.6	10.5	3.5	3.5

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/19/2007 8:00	15.9	9.5	5.0	5.0
10/19/2007 9:00	18.3	10.4	6.6	6.6
10/19/2007 10:00	23.1	13.3	9.4	9.4
10/19/2007 11:00	18.0	8.5	4.7	4.7
10/19/2007 12:00	14.5	7.0	3.8	3.8
10/19/2007 13:00	15.3	7.6	4.3	4.3
10/19/2007 14:00	12.5	6.7	7.4	7.4
10/19/2007 15:00	12.3	5.0	3.8	3.8
10/19/2007 16:00	12.6	5.4	5.7	5.7
10/19/2007 17:00	14.3	6.8	6.5	6.5
10/19/2007 18:00	14.5	6.9	6.0	6.0
10/19/2007 19:00	13.2	6.7	8.7	8.7
10/19/2007 20:00	12.4	6.3	5.9	5.9
10/19/2007 21:00	8.7	4.4	3.0	3.0
10/19/2007 22:00	9.0	4.8	2.7	2.7
10/19/2007 23:00	7.8	3.8	2.5	2.5
10/20/2007 0:00	8.8	5.0	2.7	2.7
10/20/2007 1:00	9.8	6.3	3.3	3.3
10/20/2007 2:00	10.2	7.2	3.9	3.9
10/20/2007 3:00	8.4	6.1	3.9	3.9
10/20/2007 4:00	9.4	6.8	4.7	4.7
10/20/2007 5:00	9.3	6.7	3.0	3.0
10/20/2007 6:00	9.7	7.3	3.3	3.3
10/20/2007 7:00	11.8	8.4	4.3	4.3
10/20/2007 8:00	15.2	9.6	6.5	6.5
10/20/2007 9:00	16.1	10.2	7.4	7.4
10/20/2007 10:00	17.0	9.8	5.1	5.1
10/20/2007 11:00	13.8	7.0	4.4	4.4
10/20/2007 12:00	12.8	6.6	3.5	3.5
10/20/2007 13:00	11.6	6.3	3.0	3.0
10/20/2007 14:00	8.1	4.7	2.8	2.8
10/20/2007 15:00	9.0	5.2	2.4	2.4
10/20/2007 16:00	12.3	7.5	2.6	2.6
10/20/2007 17:00	9.6	6.0	3.1	3.1
10/20/2007 18:00	13.0	8.0	3.2	3.2
10/20/2007 19:00	22.6	17.5	5.0	5.0
10/20/2007 20:00	54.6	38.5	6.6	6.6
10/20/2007 21:00	52.5	36.0	7.0	7.0
10/20/2007 22:00	32.9	28.0	5.9	5.9
10/20/2007 23:00	55.0	32.5	8.8	8.8
10/21/2007 0:00	26.7	22.6	5.6	5.6
10/21/2007 1:00	11.8	11.1	6.4	6.4
10/21/2007 2:00	12.7	10.5	4.9	4.9
10/21/2007 3:00	9.0	8.2	4.8	4.8
10/21/2007 4:00	9.6	9.1	5.7	5.7
10/21/2007 5:00	12.3	11.3	6.7	6.7

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/21/2007 6:00	14.1	12.8	9.9	9.9
10/21/2007 7:00	12.6	11.2	10.4	10.4
10/21/2007 8:00	12.6	10.5	10.5	10.5
10/21/2007 9:00	14.8	11.5	11.6	11.6
10/21/2007 10:00	14.4	9.8	5.7	5.7
10/21/2007 11:00	19.2	11.9	7.2	7.2
10/21/2007 12:00	22.1	13.6	7.7	7.7
10/21/2007 13:00	19.7	13.0	16.6	12.9
10/21/2007 14:00	34.0	19.6	5.6	5.6
10/21/2007 15:00	15.7	10.4	3.6	3.6
10/21/2007 16:00	15.1	10.2	3.7	3.7
10/21/2007 17:00	15.3	10.7	3.3	3.3
10/21/2007 18:00	15.5	11.1	5.1	5.1
10/21/2007 19:00	16.6	13.0	3.1	3.1
10/21/2007 20:00	13.2	10.3	3.0	3.0
10/21/2007 21:00	24.8	19.8	3.3	3.3
10/21/2007 22:00	26.5	21.5	3.1	3.1
10/21/2007 23:00	19.3	15.7	3.7	3.7
10/22/2007 0:00	25.3	21.7	5.1	5.1
10/22/2007 1:00	23.1	21.2	4.6	4.6
10/22/2007 2:00	19.1	17.5	5.6	5.6
10/22/2007 3:00	24.5	22.6	6.5	6.5
10/22/2007 4:00	27.7	25.6	6.5	6.5
10/22/2007 5:00	24.7	22.3	4.6	4.6
10/22/2007 6:00	32.9	26.5	7.1	7.1
10/22/2007 7:00	34.5	27.2	7.2	7.2
10/22/2007 8:00	50.6	34.5	10.2	10.2
10/22/2007 9:00	57.9	35.7	15.3	15.3
10/22/2007 10:00	45.6	27.0	12.7	13.1
10/22/2007 11:00	33.9	20.9	12.9	12.5
10/22/2007 12:00	34.2	21.6	15.3	13.7
10/22/2007 13:00	36.9	23.3	12.0	11.8
10/22/2007 14:00	30.2	20.5	11.3	11.7
10/22/2007 15:00	27.8	19.6	9.2	9.2
10/22/2007 16:00	22.5	16.4	4.5	4.5
10/22/2007 17:00	27.9	19.8	4.4	4.4
10/22/2007 18:00	38.9	31.5	6.6	6.6
10/22/2007 19:00	49.3	39.4	8.8	8.8
10/22/2007 20:00	55.1	43.9	9.6	9.6
10/22/2007 21:00	52.7	37.8	8.3	8.3
10/22/2007 22:00	29.1	22.2	5.4	5.4
10/22/2007 23:00	28.9	19.6	8.2	8.2
10/23/2007 0:00	29.5	20.5	8.3	8.3
10/23/2007 1:00	25.0	20.4	6.1	6.1
10/23/2007 2:00	21.2	15.7	26.9	18.6
10/23/2007 3:00	8.8	8.6	25.0	18.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/23/2007 4:00	3.7	3.5	7.5	5.3
10/23/2007 5:00	2.8	2.4	6.1	4.3
10/23/2007 6:00	4.7	4.5	8.1	5.3
10/23/2007 7:00	8.4	7.8	12.6	7.6
10/23/2007 8:00	13.2	12.4	19.0	11.6
10/23/2007 9:00	14.8	13.6	33.0	20.3
10/23/2007 10:00	14.8	13.5	33.3	19.3
10/23/2007 11:00	14.5	12.5	32.8	17.7
10/23/2007 12:00	14.9	13.0	34.0	18.4
10/23/2007 13:00	19.0	15.6	36.9	20.0
10/23/2007 14:00	26.2	17.5	38.8	19.5
10/23/2007 15:00	39.6	20.8	33.5	15.5
10/23/2007 16:00	39.8	19.3	31.8	17.1
10/23/2007 17:00	49.5	22.5	33.9	19.1
10/23/2007 18:00	59.0	24.4	28.9	19.8
10/23/2007 19:00	65.5	25.6	16.9	14.5
10/23/2007 20:00	51.6	22.9	72.2	26.5
10/23/2007 21:00	80.5	26.6	16.6	16.6
10/23/2007 22:00	62.0	22.2	12.0	12.0
10/23/2007 23:00	88.5	22.2	13.6	13.6
10/24/2007 0:00	64.6	21.6	12.0	12.0
10/24/2007 1:00	48.5	21.0	11.7	11.7
10/24/2007 2:00	33.4	15.7	10.5	10.5
10/24/2007 3:00	40.8	18.7	6.8	6.8
10/24/2007 4:00	44.5	18.2	9.6	9.6
10/24/2007 5:00	33.5	14.8	8.2	8.2
10/24/2007 6:00	31.8	15.0	9.5	9.5
10/24/2007 7:00	35.7	15.9	8.6	8.6
10/24/2007 8:00	62.9	23.1	24.6	16.9
10/24/2007 9:00	50.8	23.4	43.1	21.3
10/24/2007 10:00	60.2	23.4	51.4	20.9
10/24/2007 11:00	43.2	19.7	41.1	18.9
10/24/2007 12:00	32.1	15.6	35.4	15.4
10/24/2007 13:00	27.8	14.7	34.9	15.5
10/24/2007 14:00	19.6	11.6	31.6	14.4
10/24/2007 15:00	22.4	12.5	23.8	11.8
10/24/2007 16:00	22.2	12.1	29.1	13.4
10/24/2007 17:00	14.3	8.7	29.4	13.4
10/24/2007 18:00	9.6	7.0	26.8	12.1
10/24/2007 19:00	8.5	7.9	41.0	17.9
10/24/2007 20:00	12.3	11.7	46.9	20.5
10/24/2007 21:00	12.3	11.5	49.7	21.2
10/24/2007 22:00	9.7	9.1	30.2	15.5
10/24/2007 23:00	9.1	8.3	24.8	13.4
10/25/2007 0:00	7.2	6.6	20.0	11.6
10/25/2007 1:00	6.2	5.7	14.5	9.2

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/25/2007 2:00	7.2	6.5	13.0	8.5
10/25/2007 3:00	6.4	5.9	13.2	8.8
10/25/2007 4:00	8.3	7.5	14.6	9.2
10/25/2007 5:00	11.6	9.4	22.9	12.7
10/25/2007 6:00	15.1	13.3	29.2	15.4
10/25/2007 7:00	16.0	13.9	34.2	16.6
10/25/2007 8:00	18.2	15.4	35.5	14.2
10/25/2007 9:00	9.2	8.3	32.9	13.4
10/25/2007 10:00	6.4	4.6	24.8	8.3
10/25/2007 11:00	5.6	3.7	32.3	9.9
10/25/2007 12:00	6.8	4.0	24.1	8.0
10/25/2007 13:00	6.7	4.2	29.1	9.6
10/25/2007 14:00	6.9	4.5	28.0	9.6
10/25/2007 15:00	6.8	4.6	31.8	12.5
10/25/2007 16:00	5.2	3.8	28.4	10.8
10/25/2007 17:00	4.2	3.3	25.1	9.5
10/25/2007 18:00	4.6	4.1	25.2	10.2
10/25/2007 19:00	3.1	3.1	21.5	10.5
10/25/2007 20:00	3.9	3.7	24.5	10.9
10/25/2007 21:00	4.6	4.4	35.6	13.4
10/25/2007 22:00	5.8	5.7	39.1	14.1
10/25/2007 23:00	5.4	5.3	26.6	11.7
10/26/2007 0:00	6.0	5.7	16.6	8.2
10/26/2007 1:00	7.2	7.0	16.5	8.4
10/26/2007 2:00	6.4	6.0	25.5	11.1
10/26/2007 3:00	6.1	5.9	20.2	10.2
10/26/2007 4:00	5.9	5.8	20.4	12.0
10/26/2007 5:00	6.7	6.6	27.8	14.1
10/26/2007 6:00	7.2	7.0	33.6	15.9
10/26/2007 7:00	9.7	9.4	39.8	17.1
10/26/2007 8:00	12.4	12.1	62.0	20.7
10/26/2007 9:00	24.5	18.7	72.3	23.9
10/26/2007 10:00	21.7	17.2	18.6	13.7
10/26/2007 11:00	16.6	12.5	6.6	6.6
10/26/2007 12:00	10.8	8.2	6.2	6.2
10/26/2007 13:00	11.5	8.3	14.8	10.1
10/26/2007 14:00	12.5	9.3	6.3	6.3
10/26/2007 15:00	10.8	8.1	23.0	12.5
10/26/2007 16:00	13.9	11.1	13.3	11.6
10/26/2007 17:00	17.1	14.2	28.0	17.1
10/26/2007 18:00	19.0	15.9	28.7	17.4
10/26/2007 19:00	20.7	18.7	45.0	21.7
10/26/2007 20:00	19.2	17.8	42.1	20.5
10/26/2007 21:00	19.5	17.2	48.5	19.7
10/26/2007 22:00	22.6	17.5	37.1	18.5
10/26/2007 23:00	23.2	16.5	14.9	14.9

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/27/2007 0:00	28.8	14.9	11.6	11.6
10/27/2007 1:00	18.3	11.3	9.0	9.0
10/27/2007 2:00	27.9	12.4	8.0	8.0
10/27/2007 3:00	17.3	9.7	7.2	7.2
10/27/2007 4:00	13.7	10.0	8.2	8.2
10/27/2007 5:00	14.7	10.7	6.6	6.6
10/27/2007 6:00	8.5	6.3	4.5	4.5
10/27/2007 7:00	8.9	5.6	5.5	5.5
10/27/2007 8:00	8.9	6.0	2.6	2.6
10/27/2007 9:00	9.5	4.3	2.7	2.7
10/27/2007 10:00	13.5	6.1	3.1	3.1
10/27/2007 11:00	13.5	6.0	3.4	3.4
10/27/2007 12:00	15.5	6.7	3.7	3.7
10/27/2007 13:00	17.7	7.5	4.4	4.4
10/27/2007 14:00	18.2	7.9	5.7	5.7
10/27/2007 15:00	22.6	11.6	6.7	6.7
10/27/2007 16:00	15.3	8.9	6.0	6.0
10/27/2007 17:00	11.9	6.9	6.8	6.6
10/27/2007 18:00	10.4	6.6	6.4	6.4
10/27/2007 19:00	14.0	9.1	7.8	8.0
10/27/2007 20:00	11.7	7.3	6.6	6.7
10/27/2007 21:00	13.1	8.9	8.4	8.4
10/27/2007 22:00	16.0	12.2	11.9	12.0
10/27/2007 23:00	20.7	15.5	17.3	16.4
10/28/2007 0:00	22.9	16.6	15.5	15.6
10/28/2007 1:00	17.5	14.3	14.4	14.4
10/28/2007 2:00	18.9	16.0	13.6	13.6
10/28/2007 3:00	25.2	23.3	35.8	20.3
10/28/2007 4:00	47.3	24.6	46.8	20.5
10/28/2007 5:00	65.2	23.6	60.6	20.1
10/28/2007 6:00	66.4	19.6	38.3	17.7
10/28/2007 7:00	53.3	16.3	29.5	16.1
10/28/2007 8:00	53.8	20.7	16.3	14.8
10/28/2007 9:00	63.6	18.3	11.3	11.6
10/28/2007 10:00	37.9	16.8	10.3	8.7
10/28/2007 11:00	28.2	14.2	5.6	5.8
10/28/2007 12:00	24.0	12.7	9.3	8.2
10/28/2007 13:00	15.7	8.9	8.1	7.1
10/28/2007 14:00	14.7	8.6	6.1	5.5
10/28/2007 15:00	13.4	7.7	4.7	4.7
10/28/2007 16:00	15.1	8.7	5.4	5.4
10/28/2007 17:00	15.8	9.8	9.8	7.3
10/28/2007 18:00	22.9	15.3	11.2	10.5
10/28/2007 19:00	26.3	19.9	51.9	30.2
10/28/2007 20:00	28.5	26.0	94.3	37.4
10/28/2007 21:00	40.5	29.6	102.6	34.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/28/2007 22:00	41.0	23.5	120.7	30.9
10/28/2007 23:00	185.4	33.4	60.6	25.8
10/29/2007 0:00	244.9	34.2	34.9	21.5
10/29/2007 1:00	167.4	31.2	61.3	21.0
10/29/2007 2:00	45.7	19.5	121.4	22.9
10/29/2007 3:00	109.6	23.1	102.4	21.2
10/29/2007 4:00	145.3	23.5	86.0	19.5
10/29/2007 5:00	189.9	25.7	61.5	16.5
10/29/2007 6:00	177.4	23.6	21.9	11.8
10/29/2007 7:00	130.9	22.4	11.6	11.6
10/29/2007 8:00	220.1	32.1	16.9	16.9
10/29/2007 9:00	115.0	35.2	17.1	17.1
10/29/2007 10:00	56.6	27.3	17.7	16.2
10/29/2007 11:00	45.7	23.4	14.7	12.4
10/29/2007 12:00	31.5	15.3	8.1	8.1
10/29/2007 13:00	25.2	12.1	6.0	6.0
10/29/2007 14:00	21.9	10.4	4.9	4.9
10/29/2007 15:00	19.5	10.5	4.3	4.3
10/29/2007 16:00	20.4	10.2	3.6	3.6
10/29/2007 17:00	24.4	11.8	3.3	3.3
10/29/2007 18:00	29.8	15.2	4.0	4.0
10/29/2007 19:00	40.6	23.6	5.1	5.1
10/29/2007 20:00	41.5	23.8	5.5	5.5
10/29/2007 21:00	36.4	21.6	6.3	6.3
10/29/2007 22:00	40.5	25.1	7.6	7.6
10/29/2007 23:00	48.1	27.5	8.6	8.6
10/30/2007 0:00	69.9	34.0	9.6	9.6
10/30/2007 1:00	78.5	34.1	9.2	9.2
10/30/2007 2:00	69.4	33.8	10.6	10.6
10/30/2007 3:00	118.8	30.3	9.6	9.6
10/30/2007 4:00	113.0	29.8	8.8	8.8
10/30/2007 5:00	109.7	28.7	10.2	10.2
10/30/2007 6:00	96.4	30.2	9.0	9.0
10/30/2007 7:00	139.7	29.1	12.1	12.1
10/30/2007 8:00	103.1	27.9	14.3	14.3
10/30/2007 9:00	99.1	28.4	16.4	16.4
10/30/2007 10:00	54.7	22.0	14.3	12.1
10/30/2007 11:00	49.4	20.1	18.8	13.3
10/30/2007 12:00	44.7	20.6	19.6	13.6
10/30/2007 13:00	37.7	18.6	23.2	15.6
10/30/2007 14:00	45.1	21.9	21.9	15.4
10/30/2007 15:00	39.6	21.3	20.9	15.6
10/30/2007 16:00	35.0	19.5	13.6	12.0
10/30/2007 17:00	33.9	19.4	9.1	9.1
10/30/2007 18:00	39.8	25.0	12.4	12.4
10/30/2007 19:00	69.3	37.6	17.8	17.8

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x Concentration (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
10/30/2007 20:00	93.9	41.7	16.1	16.1
10/30/2007 21:00	110.7	40.3	15.0	15.0
10/30/2007 22:00	107.8	38.9	13.5	13.5
10/30/2007 23:00	72.4	33.5	14.2	14.2
10/31/2007 0:00	47.1	30.4	17.1	17.1
10/31/2007 1:00	51.9	32.8	19.4	19.4
10/31/2007 2:00	62.0	34.9	23.7	23.7
10/31/2007 3:00	54.7	33.2	22.1	22.1
10/31/2007 4:00	54.7	32.2	18.1	18.1
10/31/2007 5:00	70.1	33.9	16.2	16.2
10/31/2007 6:00	64.4	31.0	16.6	16.6
10/31/2007 7:00	85.3	32.5	16.2	16.2
10/31/2007 8:00	50.5	28.1	15.8	15.8
10/31/2007 9:00	42.5	26.2	16.5	16.5
10/31/2007 10:00	35.7	21.6	14.0	14.5
10/31/2007 11:00	37.1	21.5	13.4	13.7
10/31/2007 12:00	35.2	20.0	16.2	13.9
10/31/2007 13:00	33.1	19.5	14.7	13.2
10/31/2007 14:00	35.6	20.6	14.8	13.7
10/31/2007 15:00	31.8	18.7	11.4	11.7
10/31/2007 16:00	26.3	16.3	9.3	9.3
10/31/2007 17:00	27.2	18.0	10.8	10.8
10/31/2007 18:00	30.7	19.9	9.0	9.0
10/31/2007 19:00	23.1	14.8	7.3	7.3
10/31/2007 20:00	27.2	17.2	7.8	7.8
10/31/2007 21:00	21.9	14.0	6.4	6.4
10/31/2007 22:00	13.2	8.6	5.0	5.0
10/31/2007 23:00	18.5	12.1	8.7	8.7