

Appendix A1

Record of NO_x Measurements

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
4/4/2007 21:00	13.8	4.0	1.8	1.8
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 and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
4/8/2007 18:00	18.7	9.8	13.6	9.3

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
	NO _x	NO ₂	NO _x	NO ₂
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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

Appendix A1

Record of NO_x and NO₂ Measurements

Date/Time	Hourly Average NO _x and NO ₂ Concentrations (ppb)			
	Ontario Public Health Laboratory		St. Clair College	
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
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