

Quarterly Air Quality Monitoring Report 2004

2

Part A: DEC Data

April – May – June
2004



Department of
**Environment and
Conservation (NSW)**

Contents

Data Tables

- 1 Ozone (O_3)
- 2 Nitrogen Dioxide (NO_2)
- 3 Oxides of Nitrogen (NO_x & NO)
- 4 Particulate Matter
 - 4.1 By Nephelometer (NEPH)
 - 4.2 Total Suspended Particulates (TSP)
 - 4.3 Less than 10 μm (PM_{10})
 - 4.4 Tapered Element Oscillating Microbalance (TEOM- PM_{10})
 - 4.5 Tapered Element Oscillating Microbalance (TEOM- $PM_{2.5}$)
- 5 Sulfur Dioxide (SO_2)
- 6 Carbon Monoxide (CO)
- 7 Lead (Pb)
- 8 Cadmium (Cd)
- 9 Regional Pollution Index (RPI)

TABLE 1
OZONE (O₃)

Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL: 1-hour average = 10 pphm
4-hour average = 8 pphm
NSW GOV'T LONG TERM GOAL: 1-hour average = 8 pphm
4-hour average = 6 pphm

MONITORING SITE		APR	MAY	JUN
Central East Sydney region				
CHULLORA				
Southern Sydney TAFE				
Worth St				
ALL HOURS IN MONTH:				
% Sampling Time		77	95	94
Average		1.3	1.1	1.1
DAILY 1-HOUR MAXIMA:				
Monthly Average		3.0	2.7	2.5
90-percentile Value		4.4	3.4	3.1
Maximum 1-hour Value		5.4	3.7	3.4
Maximum 4-hour Value		4.7	3.3	3.0
NEPM STANDARD LEVEL:				
No. Hours Above Level		0 (0)	0 (0)	0 (0)
No. Days Above Level		0 (0)	0 (0)	0 (0)
NSW GOV'T LONG TERM GOAL:				
No. Hours Above Goal		0 (0)	0 (0)	0 (0)
No. Days Above Goal		0 (0)	0 (0)	0 (0)
EARLWOOD				
Beaman Park				
Riverview Rd				
ALL HOURS IN MONTH:				
% Sampling Time		96	87	95
Average		1.3	1.0	1.0
DAILY 1-HOUR MAXIMA:				
Monthly Average		3.1	2.4	2.3
90-percentile Value		4.3	3.0	2.8
Maximum 1-hour Value		5.3	3.1	3.2
Maximum 4-hour Value		5.1	3.0	2.7
NEPM STANDARD LEVEL:				
No. Hours Above Level		0 (0)	0 (0)	0 (0)
No. Days Above Level		0 (0)	0 (0)	0 (0)
NSW GOV'T LONG TERM GOAL:				
No. Hours Above Goal		0 (0)	0 (0)	0 (0)
No. Days Above Goal		0 (0)	0 (0)	0 (0)
LINDFIELD				
Bradfield Rd				
ALL HOURS IN MONTH:				
% Sampling Time		94	92	96
Average		1.5	1.1	1.3
DAILY 1-HOUR MAXIMA:				
Monthly Average		3.6	2.7	2.4
90-percentile Value		5.0	3.5	2.8
Maximum 1-hour Value		6.4	3.9	3.0
Maximum 4-hour Value		5.2	3.5	2.7
NEPM STANDARD LEVEL:				
No. Hours Above Level		0 (0)	0 (0)	0 (0)
No. Days Above Level		0 (0)	0 (0)	0 (0)
NSW GOV'T LONG TERM GOAL:				
No. Hours Above Goal		0 (0)	0 (0)	0 (0)
No. Days Above Goal		0 (0)	0 (0)	0 (0)

*** Data not available

2004 Data

() Numbers in brackets indicate exceedences of the 4-hour NEPM Standard Level and 4-hour NSW goal

TABLE 1 (Cont'd)
OZONE (O₃)

Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL: 1-hour average = 10 pphm
4-hour average = 8 pphm
NSW GOV'T LONG TERM GOAL: 1-hour average = 8 pphm
4-hour average = 6 pphm

MONITORING SITE	APR	MAY	JUN
Central East Sydney region (Cont'd)			
RANDWICK			
Randwick Barracks			
Cnr Avoca & Bundock Sts	ALL HOURS IN MONTH:		
	% Sampling Time	89	95
	Average	1.8	1.3
	DAILY 1-HOUR MAXIMA:		
	Monthly Average	3.7	2.8
	90-percentile Value	4.6	3.6
	Maximum 1-hour Value	10.8	4.8
	Maximum 4-hour Value	7.1	4.5
	NEPM STANDARD LEVEL:		
	No. Hours Above Level	1 (0)	0 (0)
	No. Days Above Level	1 (0)	0 (0)
	NSW GOV'T LONG TERM GOAL:		
	No. Hours Above Goal	2 (6)	0 (0)
	No. Days Above Goal	1 (2)	0 (0)
ROZELLE			
Rozelle Hospital			
Balmain Rd	ALL HOURS IN MONTH:		
	% Sampling Time	95	95
	Average	1.4	1.0
	DAILY 1-HOUR MAXIMA:		
	Monthly Average	3.2	2.5
	90-percentile Value	4.7	3.1
	Maximum 1-hour Value	5.6	3.8
	Maximum 4-hour Value	5.0	3.5
	NEPM STANDARD LEVEL:		
	No. Hours Above Level	0 (0)	0 (0)
	No. Days Above Level	0 (0)	0 (0)
	NSW GOV'T LONG TERM GOAL:		
	No. Hours Above Goal	0 (0)	0 (0)
	No. Days Above Goal	0 (0)	0 (0)
WOOLLOOWARE			
Woollooware Rd			
	ALL HOURS IN MONTH:		
	% Sampling Time	88	95
	Average	1.7	1.5
	DAILY 1-HOUR MAXIMA:		
	Monthly Average	3.3	2.7
	90-percentile Value	4.2	3.2
	Maximum 1-hour Value	6.9	4.5
	Maximum 4-hour Value	6.6	4.2
	NEPM STANDARD LEVEL:		
	No. Hours Above Level	0 (0)	0 (0)
	No. Days Above Level	0 (0)	0 (0)
	NSW GOV'T LONG TERM GOAL:		
	No. Hours Above Goal	0 (2)	0 (0)
	No. Days Above Goal	0 (1)	0 (0)

*** Data not available

2004 Data

() Numbers in brackets indicate exceedences of the 4-hour NEPM Standard Level and 4-hour NSW goal

TABLE 1 (Cont'd)
OZONE (O₃)

Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL: 1-hour average = 10 pphm
4-hour average = 8 pphm
NSW GOV'T LONG TERM GOAL: 1-hour average = 8 pphm
4-hour average = 6 pphm

MONITORING SITE	APR	MAY	JUN
North West Sydney region			
BLACKTOWN			
Flushcombe Rd			
ALL HOURS IN MONTH:			
% Sampling Time	95	95	***
Average	1.4	1.2	***
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.6	2.8	***
90-percentile Value	5.1	3.7	***
Maximum 1-hour Value	6.7	4.0	***
Maximum 4-hour Value	6.2	3.5	***
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (0)	*** (***)
No. Days Above Level	0 (0)	0 (0)	*** (***)
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0 (1)	0 (0)	*** (***)
No. Days Above Goal	0 (1)	0 (0)	*** (***)
RICHMOND			
University Of Western Sydney			
Vines Rd			
ALL HOURS IN MONTH:			
% Sampling Time	86	95	92
Average	1.6	1.3	1.3
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.7	3.1	2.7
90-percentile Value	4.9	4.2	3.1
Maximum 1-hour Value	5.7	4.7	3.4
Maximum 4-hour Value	5.4	4.3	3.2
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (0)	0 (0)
No. Days Above Level	0 (0)	0 (0)	0 (0)
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0 (0)	0 (0)	0 (0)
No. Days Above Goal	0 (0)	0 (0)	0 (0)
ST MARYS			
Mamre Rd			
ALL HOURS IN MONTH:			
% Sampling Time	93	95	95
Average	1.5	1.1	1.2
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.7	2.9	2.7
90-percentile Value	5.3	3.7	3.3
Maximum 1-hour Value	6.9	4.1	3.4
Maximum 4-hour Value	6.3	3.8	3.2
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (0)	0 (0)
No. Days Above Level	0 (0)	0 (0)	0 (0)
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0 (1)	0 (0)	0 (0)
No. Days Above Goal	0 (1)	0 (0)	0 (0)

*** Data not available

2004 Data

() Numbers in brackets indicate exceedences of the 4-hour NEPM Standard Level and 4-hour NSW goal

TABLE 1 (Cont'd)
OZONE (O₃)

Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL: 1-hour average = 10 pphm
4-hour average = 8 pphm
NSW GOV'T LONG TERM GOAL: 1-hour average = 8 pphm
4-hour average = 6 pphm

MONITORING SITE		APR	MAY	JUN
North West Sydney region (Cont'd)				
VINEYARD				
Castle Hill STP				
Bandon Rd				
ALL HOURS IN MONTH:				
% Sampling Time		78	79	95
Average		1.8	1.5	1.7
DAILY 1-HOUR MAXIMA:				
Monthly Average		3.7	3.1	2.9
90-percentile Value		5.8	4.4	3.4
Maximum 1-hour Value		6.5	4.7	3.5
Maximum 4-hour Value		5.8	4.5	3.4
NEPM STANDARD LEVEL:				
No. Hours Above Level		0 (0)	0 (0)	0 (0)
No. Days Above Level		0 (0)	0 (0)	0 (0)
NSW GOV'T LONG TERM GOAL:				
No. Hours Above Goal		0 (0)	0 (0)	0 (0)
No. Days Above Goal		0 (0)	0 (0)	0 (0)
WESTMEAD				
Westmead Hospital				
Hainsworth St				
ALL HOURS IN MONTH:				
% Sampling Time		95	96	95
Average		1.2	0.9	1.2
DAILY 1-HOUR MAXIMA:				
Monthly Average		3.5	2.6	2.6
90-percentile Value		5.2	3.3	3.0
Maximum 1-hour Value		5.7	3.7	3.7
Maximum 4-hour Value		5.1	3.5	3.3
NEPM STANDARD LEVEL:				
No. Hours Above Level		0 (0)	0 (0)	0 (0)
No. Days Above Level		0 (0)	0 (0)	0 (0)
NSW GOV'T LONG TERM GOAL:				
No. Hours Above Goal		0 (0)	0 (0)	0 (0)
No. Days Above Goal		0 (0)	0 (0)	0 (0)
South West Sydney region				
BARGO				
Silica Rd				
ALL HOURS IN MONTH:				
% Sampling Time		82	87	96
Average		2.0	1.9	2.0
DAILY 1-HOUR MAXIMA:				
Monthly Average		3.5	3.1	3.0
90-percentile Value		4.7	3.9	3.3
Maximum 1-hour Value		6.1	4.4	3.3
Maximum 4-hour Value		5.1	4.3	3.3
NEPM STANDARD LEVEL:				
No. Hours Above Level		0 (0)	0 (0)	0 (0)
No. Days Above Level		0 (0)	0 (0)	0 (0)
NSW GOV'T LONG TERM GOAL:				
No. Hours Above Goal		0 (0)	0 (0)	0 (0)
No. Days Above Goal		0 (0)	0 (0)	0 (0)

*** Data not available

2004 Data

() Numbers in brackets indicate exceedences of the 4-hour NEPM Standard Level and 4-hour NSW goal

TABLE 1 (Cont'd)
OZONE (O₃)

Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL: 1-hour average = 10 pphm
4-hour average = 8 pphm
NSW GOV'T LONG TERM GOAL: 1-hour average = 8 pphm
4-hour average = 6 pphm

MONITORING SITE	APR	MAY	JUN
South West Sydney region (Cont'd)			
BRINGELLY			
Ramsay Rd			
ALL HOURS IN MONTH:			
% Sampling Time	95	95	95
Average	1.6	1.4	1.4
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.8	3.0	2.8
90-percentile Value	5.3	3.9	3.2
Maximum 1-hour Value	6.2	4.5	3.4
Maximum 4-hour Value	5.3	4.1	3.3
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (0)	0 (0)
No. Days Above Level	0 (0)	0 (0)	0 (0)
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0 (0)	0 (0)	0 (0)
No. Days Above Goal	0 (0)	0 (0)	0 (0)
LIVERPOOL			
Rose St			
ALL HOURS IN MONTH:			
% Sampling Time	93	95	86
Average	1.2	1.1	1.2
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.2	2.6	2.3
90-percentile Value	5.1	3.1	2.9
Maximum 1-hour Value	5.5	3.8	3.1
Maximum 4-hour Value	4.9	3.6	2.8
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (0)	0 (0)
No. Days Above Level	0 (0)	0 (0)	0 (0)
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0 (0)	0 (0)	0 (0)
No. Days Above Goal	0 (0)	0 (0)	0 (0)
OAKDALE			
Ridge Rd			
ALL HOURS IN MONTH:			
% Sampling Time	95	61	45
Average	2.6	2.5	2.7
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.9	3.1	3.0
90-percentile Value	5.2	3.9	3.1
Maximum 1-hour Value	7.5	4.2	3.2
Maximum 4-hour Value	6.8	4.1	3.1
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (0)	0 (0)
No. Days Above Level	0 (0)	0 (0)	0 (0)
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0 (4)	0 (0)	0 (0)
No. Days Above Goal	0 (1)	0 (0)	0 (0)

*** Data not available

2004 Data

() Numbers in brackets indicate exceedences of the 4-hour NEPM Standard Level and 4-hour NSW goal

TABLE 1 (Cont'd)
OZONE (O₃)

Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL: 1-hour average = 10 pphm
4-hour average = 8 pphm
NSW GOV'T LONG TERM GOAL: 1-hour average = 8 pphm
4-hour average = 6 pphm

MONITORING SITE	APR	MAY	JUN
Illawarra region			
ALBION PARK			
Croome Rd			
ALL HOURS IN MONTH:			
% Sampling Time	87	94	95
Average	1.9	1.9	1.8
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.4	2.8	2.7
90-percentile Value	4.3	3.0	3.1
Maximum 1-hour Value	5.6	4.7	3.2
Maximum 4-hour Value	4.7	4.0	3.1
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (0)	0 (0)
No. Days Above Level	0 (0)	0 (0)	0 (0)
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0 (0)	0 (0)	0 (0)
No. Days Above Goal	0 (0)	0 (0)	0 (0)
KEMBLA GRANGE			
Kembla Grange Racecourse			
Princes Hwy			
ALL HOURS IN MONTH:			
% Sampling Time	94	88	94
Average	1.7	1.6	1.7
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.2	2.8	2.8
90-percentile Value	4.3	3.1	3.2
Maximum 1-hour Value	4.8	4.5	3.4
Maximum 4-hour Value	4.3	4.1	3.1
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (0)	0 (0)
No. Days Above Level	0 (0)	0 (0)	0 (0)
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0 (0)	0 (0)	0 (0)
No. Days Above Goal	0 (0)	0 (0)	0 (0)
WARRAWONG			
Carlotta Cres			
ALL HOURS IN MONTH:			
% Sampling Time	86	95	93
Average	2.0	1.8	1.6
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.4	2.8	2.7
90-percentile Value	4.7	3.3	3.2
Maximum 1-hour Value	6.1	4.9	3.5
Maximum 4-hour Value	4.9	4.3	3.3
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (0)	0 (0)
No. Days Above Level	0 (0)	0 (0)	0 (0)
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0 (0)	0 (0)	0 (0)
No. Days Above Goal	0 (0)	0 (0)	0 (0)

*** Data not available

2004 Data

() Numbers in brackets indicate exceedences of the 4-hour NEPM Standard Level and 4-hour NSW goal

TABLE 1 (Cont'd)
OZONE (O₃)

Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL: 1-hour average = 10 pphm
4-hour average = 8 pphm
NSW GOV'T LONG TERM GOAL: 1-hour average = 8 pphm
4-hour average = 6 pphm

MONITORING SITE	APR	MAY	JUN
Illawarra region (Cont'd)			
WOLLONGONG			
Gipps St			
ALL HOURS IN MONTH:			
% Sampling Time	86	95	95
Average	1.7	1.5	1.4
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.3	2.7	2.6
90-percentile Value	4.3	3.1	3.0
Maximum 1-hour Value	6.0	4.6	3.3
Maximum 4-hour Value	4.8	4.1	3.1
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (0)	0 (0)
No. Days Above Level	0 (0)	0 (0)	0 (0)
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0 (0)	0 (0)	0 (0)
No. Days Above Goal	0 (0)	0 (0)	0 (0)
Lower Hunter region			
BERESFIELD			
Francis Greenway			
High School			
ALL HOURS IN MONTH:			
% Sampling Time	95	94	91
Average	1.6	1.3	1.2
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.7	3.0	2.5
90-percentile Value	4.8	3.8	3.1
Maximum 1-hour Value	5.6	4.6	3.2
Maximum 4-hour Value	5.1	4.2	3.1
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (0)	0 (0)
No. Days Above Level	0 (0)	0 (0)	0 (0)
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0 (0)	0 (0)	0 (0)
No. Days Above Goal	0 (0)	0 (0)	0 (0)
NEWCASTLE			
Athletics Field			
Smith St			
ALL HOURS IN MONTH:			
% Sampling Time	96	95	96
Average	1.6	1.2	1.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.3	2.6	2.3
90-percentile Value	4.3	3.4	2.8
Maximum 1-hour Value	4.9	4.4	3.0
Maximum 4-hour Value	4.4	4.3	2.8
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (0)	0 (0)
No. Days Above Level	0 (0)	0 (0)	0 (0)
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0 (0)	0 (0)	0 (0)
No. Days Above Goal	0 (0)	0 (0)	0 (0)

*** Data not available

2004 Data

() Numbers in brackets indicate exceedences of the 4-hour NEPM Standard Level and 4-hour NSW goal

TABLE 1 (Cont'd)
OZONE (O₃)

Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL: 1-hour average = 10 pphm
4-hour average = 8 pphm
NSW GOV'T LONG TERM GOAL: 1-hour average = 8 pphm
4-hour average = 6 pphm

MONITORING SITE		APR	MAY	JUN
Lower Hunter region (Cont'd)				
WALLSEND				
Swimming Pool				
Frances St	ALL HOURS IN MONTH:			
	% Sampling Time	92	95	95
	Average	1.5	1.3	1.3
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	3.3	2.8	2.4
	90-percentile Value	4.3	3.5	3.0
	Maximum 1-hour Value	5.4	4.3	3.1
	Maximum 4-hour Value	5.0	4.0	2.9
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0 (0)	0 (0)	0 (0)
	No. Days Above Level	0 (0)	0 (0)	0 (0)
	NSW GOV'T LONG TERM GOAL:			
	No. Hours Above Goal	0 (0)	0 (0)	0 (0)
	No. Days Above Goal	0 (0)	0 (0)	0 (0)
Central Tablelands region				
BATHURST				
Wastewater Treatment Plant				
Off Morrisset St	ALL HOURS IN MONTH:			
	% Sampling Time	96	96	51
	Average	1.8	1.4	1.3
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	3.7	3.3	2.6
	90-percentile Value	4.6	4.5	3.3
	Maximum 1-hour Value	4.9	4.9	3.5
	Maximum 4-hour Value	4.7	4.8	3.3
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0 (0)	0 (0)	0 (0)
	No. Days Above Level	0 (0)	0 (0)	0 (0)
	NSW GOV'T LONG TERM GOAL:			
	No. Hours Above Goal	0 (0)	0 (0)	0 (0)
	No. Days Above Goal	0 (0)	0 (0)	0 (0)

*** Data not available

2004 Data

() Numbers in brackets indicate exceedences of the 4-hour NEPM Standard Level and 4-hour NSW goal

TABLE 2
NITROGEN DIOXIDE (NO₂)

Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL:
1-hour average = 12 pphm
NSW GOV'T LONG TERM GOAL:
1-hour average = 10.5 pphm

MONITORING SITE		APR	MAY	JUN
Central East Sydney region				
CHULLORA				
Southern Sydney TAFE				
Worth St				
ALL HOURS IN MONTH:				
% Sampling Time		87	95	94
Average		1.7	2.0	2.0
DAILY 1-HOUR MAXIMA:				
Monthly Average		2.8	3.3	3.3
90-percentile Value		3.9	4.2	4.1
Maximum 1-hour Value		4.4	5.4	5.5
NEPM STANDARD LEVEL:				
No. Hours Above Level		0	0	0
No. Days Above Level		0	0	0
NSW GOV'T LONG TERM GOAL:				
No. Hours Above Goal		0	0	0
No. Days Above Goal		0	0	0
EARLWOOD				
Beaman Park				
Riverview Rd				
ALL HOURS IN MONTH:				
% Sampling Time		96	89	95
Average		1.5	1.8	1.9
DAILY 1-HOUR MAXIMA:				
Monthly Average		2.7	3.0	3.2
90-percentile Value		3.7	3.9	3.8
Maximum 1-hour Value		4.5	4.5	6.1
NEPM STANDARD LEVEL:				
No. Hours Above Level		0	0	0
No. Days Above Level		0	0	0
NSW GOV'T LONG TERM GOAL:				
No. Hours Above Goal		0	0	0
No. Days Above Goal		0	0	0
LINDFIELD				
Bradfield Rd				
ALL HOURS IN MONTH:				
% Sampling Time		82	66	93
Average		1.1	1.4	1.2
DAILY 1-HOUR MAXIMA:				
Monthly Average		2.0	2.4	2.2
90-percentile Value		2.4	3.1	2.9
Maximum 1-hour Value		2.9	3.7	3.1
NEPM STANDARD LEVEL:				
No. Hours Above Level		0	0	0
No. Days Above Level		0	0	0
NSW GOV'T LONG TERM GOAL:				
No. Hours Above Goal		0	0	0
No. Days Above Goal		0	0	0

*** Data not available

2004 Data

TABLE 2 (Cont'd)
NITROGEN DIOXIDE (NO₂)

Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL:
1-hour average = 12 pphm
NSW GOV'T LONG TERM GOAL:
1-hour average = 10.5 pphm

MONITORING SITE	APR	MAY	JUN
Central East Sydney region (Cont'd)			
RANDWICK			
Randwick Barracks			
Cnr Avoca & Bundock Sts	ALL HOURS IN MONTH:		
	% Sampling Time	95	95
	Average	1.1	1.7
	DAILY 1-HOUR MAXIMA:		
	Monthly Average	2.7	2.9
	90-percentile Value	4.1	3.8
	Maximum 1-hour Value	5.0	4.0
	NEPM STANDARD LEVEL:		
	No. Hours Above Level	0	0
	No. Days Above Level	0	0
	NSW GOV'T LONG TERM GOAL:		
	No. Hours Above Goal	0	0
	No. Days Above Goal	0	0
ROZELLE			
Rozelle Hospital			
Balmain Rd	ALL HOURS IN MONTH:		
	% Sampling Time	95	83
	Average	1.6	1.8
	DAILY 1-HOUR MAXIMA:		
	Monthly Average	2.8	3.0
	90-percentile Value	4.3	3.8
	Maximum 1-hour Value	5.0	4.5
	NEPM STANDARD LEVEL:		
	No. Hours Above Level	0	0
	No. Days Above Level	0	0
	NSW GOV'T LONG TERM GOAL:		
	No. Hours Above Goal	0	0
	No. Days Above Goal	0	0
SYDNEY			
Grace Bros			
Cnr George & Market	ALL HOURS IN MONTH:		
	% Sampling Time	96	83
	Average	3.1	3.0
	DAILY 1-HOUR MAXIMA:		
	Monthly Average	5.1	4.6
	90-percentile Value	7.7	6.3
	Maximum 1-hour Value	9.2	7.1
	NEPM STANDARD LEVEL:		
	No. Hours Above Level	0	0
	No. Days Above Level	0	0
	NSW GOV'T LONG TERM GOAL:		
	No. Hours Above Goal	0	0
	No. Days Above Goal	0	0

*** Data not available

2004 Data

TABLE 2 (Cont'd)
NITROGEN DIOXIDE (NO₂)

Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL:
1-hour average = 12 pphm
NSW GOV'T LONG TERM GOAL:
1-hour average = 10.5 pphm

MONITORING SITE	APR	MAY	JUN
Central East Sydney region (Cont'd)			
WOOLLOOWARE			
Woollooware Rd			
ALL HOURS IN MONTH:			
% Sampling Time	94	95	93
Average	0.9	1.1	1.4
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.0	2.2	2.6
90-percentile Value	3.4	3.1	4.0
Maximum 1-hour Value	3.7	4.0	4.9
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	0
No. Days Above Goal	0	0	0
North West Sydney region			
BLACKTOWN			
Flushcombe Rd			
ALL HOURS IN MONTH:			
% Sampling Time	95	95	***
Average	1.5	1.7	***
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.6	3.0	***
90-percentile Value	3.6	3.9	***
Maximum 1-hour Value	4.2	4.8	***
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	***
No. Days Above Level	0	0	***
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	***
No. Days Above Goal	0	0	***
RICHMOND			
University Of Western Sydney			
Vines Rd			
ALL HOURS IN MONTH:			
% Sampling Time	86	95	90
Average	0.8	0.9	0.8
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.0	2.2	1.7
90-percentile Value	2.8	3.2	2.6
Maximum 1-hour Value	3.4	3.5	2.7
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	0
No. Days Above Goal	0	0	0

*** Data not available

2004 Data

TABLE 2 (Cont'd)
NITROGEN DIOXIDE (NO₂)

Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL:
1-hour average = 12 pphm
NSW GOV'T LONG TERM GOAL:
1-hour average = 10.5 pphm

MONITORING SITE	APR	MAY	JUN
North West Sydney region (Cont'd)			
ST MARYS			
Mamre Rd			
ALL HOURS IN MONTH:			
% Sampling Time	69	77	95
Average	0.9	1.0	0.9
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.1	2.3	2.1
90-percentile Value	3.3	3.4	2.8
Maximum 1-hour Value	4.0	3.6	3.1
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	0
No. Days Above Goal	0	0	0
VINEYARD			
Castle Hill STP			
Bandon Rd			
ALL HOURS IN MONTH:			
% Sampling Time	87	94	95
Average	0.8	1.0	0.8
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.8	2.3	1.8
90-percentile Value	2.3	3.2	2.8
Maximum 1-hour Value	3.1	3.2	2.9
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	0
No. Days Above Goal	0	0	0
WESTMEAD			
Westmead Hospital			
Hainsworth St			
ALL HOURS IN MONTH:			
% Sampling Time	95	95	95
Average	1.4	1.6	1.4
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.5	2.8	2.7
90-percentile Value	3.4	3.6	3.5
Maximum 1-hour Value	3.7	4.5	4.2
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	0
No. Days Above Goal	0	0	0

*** Data not available

2004 Data

TABLE 2 (Cont'd)
NITROGEN DIOXIDE (NO₂)

Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL:
1-hour average = 12 pphm
NSW GOV'T LONG TERM GOAL:
1-hour average = 10.5 pphm

MONITORING SITE	APR	MAY	JUN
South West Sydney region			
BARGO			
Silica Rd			
ALL HOURS IN MONTH:			
% Sampling Time	89	85	96
Average	0.8	0.8	0.7
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.0	2.2	2.0
90-percentile Value	3.2	3.1	3.0
Maximum 1-hour Value	4.1	3.9	3.5
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	0
No. Days Above Goal	0	0	0
BRINGELLY			
Ramsay Rd			
ALL HOURS IN MONTH:			
% Sampling Time	95	93	94
Average	0.7	0.7	0.7
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.7	1.6	1.6
90-percentile Value	2.9	2.2	2.4
Maximum 1-hour Value	4.1	2.8	2.7
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	0
No. Days Above Goal	0	0	0
CAMDEN			
Camden Airport			
Aerodrome Rd			
ALL HOURS IN MONTH:			
% Sampling Time	96	95	96
Average	0.7	0.7	0.7
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.7	1.7	1.6
90-percentile Value	3.0	2.7	2.6
Maximum 1-hour Value	3.9	3.0	2.9
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	0
No. Days Above Goal	0	0	0

*** Data not available

2004 Data

TABLE 2 (Cont'd)
NITROGEN DIOXIDE (NO₂)

Parts per hundred million (pphm)
 1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL:
1-hour average = 12 pphm
NSW GOV'T LONG TERM GOAL:
1-hour average = 10.5 pphm

MONITORING SITE	APR	MAY	JUN
LIVERPOOL Rose St			
ALL HOURS IN MONTH:			
% Sampling Time	93	95	94
Average	1.5	1.5	1.5
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.7	2.8	2.9
90-percentile Value	3.7	3.4	3.8
Maximum 1-hour Value	4.5	4.2	5.0
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	0
No. Days Above Goal	0	0	0
OAKDALE Ridge Rd			
ALL HOURS IN MONTH:			
% Sampling Time	95	78	45
Average	0.3	0.2	0.0
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.9	0.6	0.2
90-percentile Value	2.3	1.4	0.6
Maximum 1-hour Value	2.9	1.8	0.7
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	0
No. Days Above Goal	0	0	0

*** Data not available

2004 Data

TABLE 2 (Cont'd)
NITROGEN DIOXIDE (NO₂)

Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL:
1-hour average = 12 pphm
NSW GOV'T LONG TERM GOAL:
1-hour average = 10.5 pphm

MONITORING SITE	APR	MAY	JUN
<i>Illawarra region</i>			
ALBION PARK Croome Rd			
ALL HOURS IN MONTH:			
% Sampling Time	89	95	92
Average	0.5	0.4	0.5
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.4	1.2	1.4
90-percentile Value	2.5	2.0	2.2
Maximum 1-hour Value	3.6	2.6	4.4
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	0
No. Days Above Goal	0	0	0
KEMBLA GRANGE Kembla Grange Racecourse			
Princes Hwy			
ALL HOURS IN MONTH:			
% Sampling Time	94	87	91
Average	0.7	0.7	0.7
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.7	1.6	1.7
90-percentile Value	2.4	2.3	2.5
Maximum 1-hour Value	3.1	2.5	3.5
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	0
No. Days Above Goal	0	0	0
WARRAWONG Carlotta Cres			
ALL HOURS IN MONTH:			
% Sampling Time	88	95	93
Average	0.7	0.8	1.0
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.8	1.8	2.3
90-percentile Value	2.6	2.6	2.8
Maximum 1-hour Value	3.2	2.7	4.0
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	0
No. Days Above Goal	0	0	0

*** Data not available

2004 Data

TABLE 2 (Cont'd)
NITROGEN DIOXIDE (NO₂)

Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL:
1-hour average = 12 pphm
NSW GOV'T LONG TERM GOAL:
1-hour average = 10.5 pphm

MONITORING SITE	APR	MAY	JUN
Illawarra region (Cont'd)			
WOLLONGONG			
Gipps St			
ALL HOURS IN MONTH:			
% Sampling Time	88	95	94
Average	1.0	1.1	1.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.3	2.3	2.4
90-percentile Value	3.7	3.3	2.9
Maximum 1-hour Value	4.4	3.8	3.6
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	0
No. Days Above Goal	0	0	0
Lower Hunter region			
BERESFIELD			
Francis Greenway			
High School			
ALL HOURS IN MONTH:			
% Sampling Time	96	94	91
Average	1.0	1.3	1.2
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.9	2.4	2.1
90-percentile Value	2.6	3.2	2.7
Maximum 1-hour Value	2.9	3.7	3.0
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	0
No. Days Above Goal	0	0	0
NEWCASTLE			
Athletics Field			
Smith St			
ALL HOURS IN MONTH:			
% Sampling Time	96	94	95
Average	0.9	1.4	1.3
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.0	2.6	2.3
90-percentile Value	2.7	3.3	2.8
Maximum 1-hour Value	3.5	3.5	3.1
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	0
No. Days Above Goal	0	0	0

*** Data not available

2004 Data

TABLE 2 (Cont'd)
NITROGEN DIOXIDE (NO₂)

Parts per hundred million (pphm)
 1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL:
1-hour average = 12 pphm
NSW GOV'T LONG TERM GOAL:
1-hour average = 10.5 pphm

MONITORING SITE		APR	MAY	JUN
Lower Hunter region (Cont'd)				
WALLSEND				
Swimming Pool				
Frances St	ALL HOURS IN MONTH:			
	% Sampling Time	92	95	94
	Average	0.9	1.1	1.0
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.8	2.4	2.1
	90-percentile Value	2.5	3.3	2.7
	Maximum 1-hour Value	3.3	4.0	2.9
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	0	0
	No. Days Above Level	0	0	0
	NSW GOV'T LONG TERM GOAL:			
	No. Hours Above Goal	0	0	0
	No. Days Above Goal	0	0	0

*** Data not available

2004 Data

TABLE 3
OXIDES OF NITROGEN - NO_x (TOTAL OXIDES OF NITROGEN) & NO (NITRIC OXIDE)

Parts per hundred million (pphm)

1-HOUR CLOCK AVERAGE

MONITORING SITE		APR		MAY		JUN	
		NO _x	NO	NO _x	NO	NO _x	NO
Central East Sydney region							
CHULLORA							
Southern Sydney TAFE							
Worth St	ALL HOURS IN MONTH:						
	% Sampling Time	87	87	95	95	94	94
	Average	4.2	2.5	5.9	4.0	6.2	4.2
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	11.4	9.2	17.6	14.8	19.9	17.0
	90-percentile Value	19.0	15.9	33.2	29.5	34.3	30.8
	Maximum 1-hour Value	20.8	18.5	71.7	66.6	46.5	42.1
EARLWOOD							
Beaman Park							
Riverview Rd	ALL HOURS IN MONTH:						
	% Sampling Time	96	96	89	89	95	95
	Average	4.2	2.8	7.1	5.4	7.9	6.1
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	12.7	10.7	23.2	20.7	23.7	21.1
	90-percentile Value	19.4	16.9	40.0	36.3	40.7	37.8
	Maximum 1-hour Value	20.9	18.1	58.5	54.1	54.2	50.4
LINDFIELD							
Bradfield Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	82	82	66	66	93	93
	Average	2.1	1.1	3.1	1.8	2.4	1.3
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	6.0	4.4	8.8	6.7	8.1	6.2
	90-percentile Value	9.3	7.2	15.1	12.8	14.5	12.3
	Maximum 1-hour Value	12.6	10.0	17.4	14.6	17.4	14.7
RANDWICK							
Randwick Barracks							
Cnr Avoca & Bundock Sts	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	95	95	95	95
	Average	2.5	1.4	4.2	2.5	4.3	2.4
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	9.1	6.9	13.1	10.5	12.3	9.6
	90-percentile Value	16.2	13.4	21.2	17.9	20.7	17.9
	Maximum 1-hour Value	19.5	17.1	25.3	22.1	27.9	22.9
ROZELLE							
Rozelle Hospital							
Balmain Rd	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	83	83	90	90
	Average	3.0	1.5	4.4	2.6	3.9	2.3
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	8.6	6.3	12.7	10.0	12.6	10.0
	90-percentile Value	12.6	9.8	21.5	18.5	24.6	20.7
	Maximum 1-hour Value	19.7	14.8	27.3	24.1	27.6	24.5

*** Data not available

2004 Data

TABLE 3 (Cont'd)
OXIDES OF NITROGEN - NO_x (TOTAL OXIDES OF NITROGEN) & NO (NITRIC OXIDE)
Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

MONITORING SITE		APR		MAY		JUN	
		NO _x	NO	NO _x	NO	NO _x	NO
Central East Sydney region (Cont'd)							
SYDNEY							
Grace Bros							
Cnr George & Market	ALL HOURS IN MONTH:						
	% Sampling Time	96	96	83	83	60	60
	Average	13.7	10.8	15.1	12.1	13.0	10.0
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	27.5	23.2	30.6	26.3	30.0	25.4
	90-percentile Value	42.0	36.6	46.3	39.8	55.3	48.8
	Maximum 1-hour Value	52.3	44.0	57.4	50.9	71.2	62.6
WOOLLOOWARE							
Woollooware Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	94	94	95	95	93	93
	Average	1.5	0.6	2.6	1.5	4.1	2.7
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	5.1	3.4	8.1	6.3	10.9	8.9
	90-percentile Value	9.9	8.3	16.3	14.5	19.9	18.1
	Maximum 1-hour Value	11.0	9.1	18.9	16.3	34.1	32.0
North West Sydney region							
BLACKTOWN							
Flushcombe Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	95	95	***	***
	Average	3.0	1.5	4.5	2.8	***	***
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	8.0	5.9	13.3	10.7	***	***
	90-percentile Value	12.4	10.4	20.2	17.2	***	***
	Maximum 1-hour Value	14.9	12.9	36.0	32.5	***	***
RICHMOND							
University Of Western Sydney							
Vines Rd	ALL HOURS IN MONTH:						
	% Sampling Time	86	86	95	95	90	90
	Average	1.2	0.4	2.0	1.0	2.0	1.2
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	3.0	1.8	5.3	3.8	5.7	4.5
	90-percentile Value	4.4	3.1	8.4	6.0	11.1	9.8
	Maximum 1-hour Value	5.8	3.4	9.9	7.9	12.3	10.1
ST MARYS							
Mamre Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	69	69	77	77	95	95
	Average	1.6	0.7	3.0	1.9	2.8	1.9
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	4.5	3.1	10.7	9.1	9.7	8.0
	90-percentile Value	8.2	7.1	21.6	19.4	18.1	16.2
	Maximum 1-hour Value	11.2	10.2	24.8	23.2	20.6	18.4

*** Data not available

2004 Data

TABLE 3 (Cont'd)
OXIDES OF NITROGEN - NO_x (TOTAL OXIDES OF NITROGEN) & NO (NITRIC OXIDE)
Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

MONITORING SITE		APR		MAY		JUN	
		NO _x	NO	NO _x	NO	NO _x	NO
North West Sydney region (Cont'd)							
VINEYARD							
Castle Hill STP							
Bandon Rd	ALL HOURS IN MONTH:						
	% Sampling Time	87	87	94	94	95	95
	Average	1.2	0.4	1.7	0.7	1.4	0.7
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	3.1	1.8	4.5	2.8	4.6	3.2
	90-percentile Value	4.7	3.5	7.0	5.3	9.0	7.8
	Maximum 1-hour Value	7.7	6.5	9.5	6.9	11.2	9.2
WESTMEAD							
Westmead Hospital							
Hainsworth St	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	95	95	95	95
	Average	3.8	2.4	5.9	4.3	5.2	3.8
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	11.3	9.5	17.3	15.0	18.0	15.8
	90-percentile Value	19.0	16.9	29.9	27.2	35.0	31.4
	Maximum 1-hour Value	21.4	19.2	33.0	29.4	44.0	40.7
South West Sydney region							
BARGO							
Silica Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	89	89	85	85	96	96
	Average	1.4	0.6	1.8	1.0	1.9	1.2
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	6.0	4.1	7.5	5.5	8.2	6.3
	90-percentile Value	13.4	9.9	17.5	14.7	19.4	16.4
	Maximum 1-hour Value	22.0	18.2	19.9	17.4	22.2	19.1
BRINGELLY							
Ramsay Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	93	93	94	94
	Average	1.2	0.5	1.5	0.9	2.0	1.4
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	2.7	1.5	3.9	2.8	5.0	3.9
	90-percentile Value	4.2	2.8	6.0	4.9	7.9	6.6
	Maximum 1-hour Value	4.8	3.7	7.5	6.0	9.9	7.8
CAMDEN							
Camden Airport							
Aerodrome Rd	ALL HOURS IN MONTH:						
	% Sampling Time	96	96	95	95	96	96
	Average	1.1	0.3	1.2	0.5	1.5	0.9
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	2.6	1.5	3.5	2.2	4.3	3.2
	90-percentile Value	4.1	3.3	5.6	4.4	8.5	7.1
	Maximum 1-hour Value	5.6	4.4	6.8	5.8	11.5	9.8

*** Data not available

2004 Data

TABLE 3 (Cont'd)
OXIDES OF NITROGEN - NO_x (TOTAL OXIDES OF NITROGEN) & NO (NITRIC OXIDE)
Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

MONITORING SITE	APR		MAY		JUN	
	NO _x	NO	NO _x	NO	NO _x	NO
LIVERPOOL						
Rose St						
ALL HOURS IN MONTH:						
% Sampling Time	93	93	95	95	94	94
Average	3.7	2.3	5.3	3.8	7.2	5.7
DAILY 1-HOUR MAXIMA:						
Monthly Average	10.1	8.1	17.4	15.1	23.7	21.2
90-percentile Value	14.3	12.6	27.9	25.3	43.0	39.8
Maximum 1-hour Value	17.0	14.8	40.4	37.7	50.8	47.7
OAKDALE						
Ridge Rd						
ALL HOURS IN MONTH:						
% Sampling Time	95	95	78	78	45	45
Average	0.3	0.0	0.2	0.0	0.0	0.0
DAILY 1-HOUR MAXIMA:						
Monthly Average	0.8	0.1	0.6	0.1	0.2	0.1
90-percentile Value	2.3	0.3	1.4	0.2	0.8	0.3
Maximum 1-hour Value	2.9	0.9	1.7	0.3	0.8	0.3
Illawarra region						
ALBION PARK						
Croome Rd						
ALL HOURS IN MONTH:						
% Sampling Time	89	89	95	95	92	92
Average	0.7	0.2	0.6	0.2	0.8	0.3
DAILY 1-HOUR MAXIMA:						
Monthly Average	2.0	0.8	2.3	1.3	3.1	1.8
90-percentile Value	4.2	2.0	4.5	3.0	7.5	5.0
Maximum 1-hour Value	6.8	3.7	6.6	5.2	10.8	9.3
KEMBLA GRANGE						
Kembla Grange Racecourse						
Princes Hwy						
ALL HOURS IN MONTH:						
% Sampling Time	94	94	87	87	91	91
Average	1.1	0.4	1.3	0.6	1.7	1.0
DAILY 1-HOUR MAXIMA:						
Monthly Average	3.5	2.3	5.1	3.7	6.0	4.6
90-percentile Value	6.5	4.9	12.8	10.9	16.6	14.3
Maximum 1-hour Value	11.8	9.8	15.3	13.4	24.8	22.8

*** Data not available

2004 Data

TABLE 3 (Cont'd)
OXIDES OF NITROGEN - NO_x (TOTAL OXIDES OF NITROGEN) & NO (NITRIC OXIDE)

Parts per hundred million (pphm)

1-HOUR CLOCK AVERAGE

MONITORING SITE	APR		MAY		JUN	
	NO _x	NO	NO _x	NO	NO _x	NO
Illawarra region (Cont'd)						
WARRAWONG						
Carlotta Cres						
ALL HOURS IN MONTH:						
% Sampling Time	88	88	95	95	93	93
Average	1.0	0.3	1.4	0.6	2.1	1.1
DAILY 1-HOUR MAXIMA:						
Monthly Average	3.3	1.6	4.7	3.0	7.3	5.2
90-percentile Value	5.9	3.8	10.2	7.7	14.4	12.1
Maximum 1-hour Value	7.4	5.5	16.1	13.9	23.6	21.1
WOLLONGONG						
Gipps St						
ALL HOURS IN MONTH:						
% Sampling Time	88	88	95	95	94	94
Average	2.0	1.0	2.6	1.6	3.6	2.4
DAILY 1-HOUR MAXIMA:						
Monthly Average	7.2	5.2	10.0	8.0	13.8	11.7
90-percentile Value	13.2	10.7	19.4	17.4	26.5	23.4
Maximum 1-hour Value	13.7	12.3	34.8	32.7	35.9	34.1
Lower Hunter region						
BERESFIELD						
Francis Greenway						
High School						
ALL HOURS IN MONTH:						
% Sampling Time	96	96	94	94	91	91
Average	2.2	1.2	3.3	2.0	2.8	1.7
DAILY 1-HOUR MAXIMA:						
Monthly Average	6.5	4.9	10.5	8.5	8.8	7.1
90-percentile Value	11.1	8.6	18.4	16.3	16.5	14.9
Maximum 1-hour Value	11.8	10.3	20.3	17.5	22.8	21.4
NEWCASTLE						
Athletics Field						
Smith St						
ALL HOURS IN MONTH:						
% Sampling Time	96	96	94	94	95	95
Average	1.8	0.9	3.7	2.3	3.4	2.2
DAILY 1-HOUR MAXIMA:						
Monthly Average	6.1	4.4	11.4	9.1	10.6	8.6
90-percentile Value	11.1	9.3	19.1	16.4	23.4	20.8
Maximum 1-hour Value	12.9	10.9	22.1	20.1	24.6	22.8
WALLSEND						
Swimming Pool						
Frances St						
ALL HOURS IN MONTH:						
% Sampling Time	92	92	95	95	94	94
Average	1.7	0.8	3.1	2.0	2.9	2.0
DAILY 1-HOUR MAXIMA:						
Monthly Average	5.0	3.7	8.6	6.8	8.8	7.2
90-percentile Value	8.7	7.1	14.6	12.7	17.7	15.9
Maximum 1-hour Value	13.3	12.1	16.6	14.8	19.6	18.1

*** Data not available

2004 Data

TABLE 4.1
PARTICULATE MATTER: BY NEPHELOMETER (NEPH)

Coefficient of light scattering by fine particles per 10 km
1-HOUR CLOCK AVERAGE

MONITORING SITE		APR	MAY	JUN
Central East Sydney region				
CHULLORA				
Southern Sydney TAFE				
Worth St				
	% Sampling Time	95	99	96
	Monthly Average	0.3	0.3	0.2
	90-percentile Value	0.6	0.8	0.7
	Maximum 24-hour Average	0.5	0.9	0.6
	Maximum 1-hour Value	1.4	1.8	1.2
EARLWOOD				
Beaman Park				
Riverview Rd				
	% Sampling Time	98	93	98
	Monthly Average	0.3	0.3	0.3
	90-percentile Value	0.5	0.7	0.8
	Maximum 24-hour Average	0.5	0.8	0.8
	Maximum 1-hour Value	1.2	1.8	1.7
RANDWICK				
Randwick Barracks				
Cnr Avoca & Bundock Sts				
	% Sampling Time	99	99	98
	Monthly Average	0.2	0.3	0.2
	90-percentile Value	0.4	0.6	0.6
	Maximum 24-hour Average	0.5	0.8	0.6
	Maximum 1-hour Value	1.8	1.8	1.3
ROZELLE				
Rozelle Hospital				
Balmain Rd				
	% Sampling Time	99	99	95
	Monthly Average	0.3	0.3	0.2
	90-percentile Value	0.4	0.7	0.6
	Maximum 24-hour Average	0.4	1.0	0.7
	Maximum 1-hour Value	1.7	2.2	1.4
WOOLLOOWARE				
Woollooware Rd				
	% Sampling Time	98	99	97
	Monthly Average	0.2	0.3	0.3
	90-percentile Value	0.4	0.6	0.5
	Maximum 24-hour Average	0.4	1.0	0.6
	Maximum 1-hour Value	1.1	3.9	2.0

*** Data not available

2004 Data

TABLE 4.1 (Cont'd)
PARTICULATE MATTER: BY NEPHELOMETER (NEPH)

Coefficient of light scattering by fine particles per 10 km
 1-HOUR CLOCK AVERAGE

MONITORING SITE		APR	MAY	JUN
North West Sydney region				
BLACKTOWN				
Flushcombe Rd				
	% Sampling Time	99	99	***
	Monthly Average	0.3	0.4	***
	90-percentile Value	0.6	0.8	***
	Maximum 24-hour Average	0.6	1.0	***
	Maximum 1-hour Value	1.5	2.3	***
RICHMOND				
University Of Western Sydney				
Vines Rd				
	% Sampling Time	98	99	98
	Monthly Average	0.3	0.4	0.3
	90-percentile Value	0.4	1.0	0.7
	Maximum 24-hour Average	0.4	1.2	0.8
	Maximum 1-hour Value	3.0	5.1	2.2
ST MARYS				
Mamre Rd				
	% Sampling Time	96	99	98
	Monthly Average	0.2	0.3	0.2
	90-percentile Value	0.4	0.6	0.4
	Maximum 24-hour Average	0.4	0.7	0.4
	Maximum 1-hour Value	1.2	1.4	0.8
WESTMEAD				
Westmead Hospital				
Hainsworth St				
	% Sampling Time	98	99	99
	Monthly Average	0.2	0.3	0.3
	90-percentile Value	0.4	0.6	0.8
	Maximum 24-hour Average	0.4	1.0	0.9
	Maximum 1-hour Value	1.4	3.4	3.6
South West Sydney region				
BARGO				
Silica Rd				
	% Sampling Time	93	90	99
	Monthly Average	0.2	0.3	0.2
	90-percentile Value	0.5	0.7	0.4
	Maximum 24-hour Average	0.6	0.7	0.4
	Maximum 1-hour Value	2.3	1.9	1.8

*** Data not available

2004 Data

TABLE 4.1 (Cont'd)
PARTICULATE MATTER: BY NEPHELOMETER (NEPH)

Coefficient of light scattering by fine particles per 10 km
 1-HOUR CLOCK AVERAGE

MONITORING SITE		APR	MAY	JUN
South West Sydney region (Cont'd)				
BRINGELLY				
Ramsay Rd				
	% Sampling Time	56	88	98
	Monthly Average	0.2	0.1	0.2
	90-percentile Value	0.4	0.3	0.4
	Maximum 24-hour Average	0.4	0.3	0.6
	Maximum 1-hour Value	0.7	1.8	1.3
OAKDALE				
Ridge Rd				
	% Sampling Time	72	81	46
	Monthly Average	0.2	0.2	0.0
	90-percentile Value	0.4	0.5	0.1
	Maximum 24-hour Average	0.6	0.6	0.1
	Maximum 1-hour Value	2.5	1.1	0.6
Illawarra region				
ALBION PARK				
Croome Rd				
	% Sampling Time	98	98	99
	Monthly Average	0.2	0.2	0.1
	90-percentile Value	0.4	0.4	0.3
	Maximum 24-hour Average	0.5	0.5	0.3
	Maximum 1-hour Value	0.7	0.8	0.8
KEMBLA GRANGE				
Kembla Grange Racecourse				
Princes Hwy				
	% Sampling Time	99	91	99
	Monthly Average	0.2	0.2	0.1
	90-percentile Value	0.4	0.5	0.3
	Maximum 24-hour Average	0.5	0.6	0.4
	Maximum 1-hour Value	0.9	0.9	1.4

*** Data not available

2004 Data

TABLE 4.1 (Cont'd)
PARTICULATE MATTER: BY NEPHELOMETER (NEPH)

Coefficient of light scattering by fine particles per 10 km
 1-HOUR CLOCK AVERAGE

MONITORING SITE		APR	MAY	JUN
<i>Illawarra region (Cont'd)</i>				
WOLLONGONG				
Gipps St				
	% Sampling Time	82	99	75
	Monthly Average	0.2	0.3	0.1
	90-percentile Value	0.4	0.5	0.2
	Maximum 24-hour Average	0.4	0.6	0.2
	Maximum 1-hour Value	0.6	1.3	0.6
<i>Lower Hunter region</i>				
BERESFIELD				
Francis Greenway				
High School				
	% Sampling Time	98	99	90
	Monthly Average	0.3	0.3	0.3
	90-percentile Value	0.4	0.7	0.6
	Maximum 24-hour Average	0.5	1.0	0.6
	Maximum 1-hour Value	2.9	1.5	1.5
NEWCASTLE				
Athletics Field				
Smith St				
	% Sampling Time	98	99	83
	Monthly Average	0.2	0.4	0.3
	90-percentile Value	0.4	0.7	0.6
	Maximum 24-hour Average	0.5	1.0	0.7
	Maximum 1-hour Value	0.9	1.7	1.5
WALLSEND				
Swimming Pool				
Frances St				
	% Sampling Time	85	86	94
	Monthly Average	0.3	0.3	0.2
	90-percentile Value	0.4	0.7	0.6
	Maximum 24-hour Average	0.5	0.9	0.5
	Maximum 1-hour Value	1.6	1.3	1.6

*** Data not available

2004 Data

TABLE 4.2

PARTICULATE MATTER: TOTAL SUSPENDED PARTICULATES (TSP)Micrograms per cubic metre at 0° Celsius ($\mu\text{g}/\text{m}^3$ at 0°C)

24-HOUR CLOCK SAMPLE (6-DAY CYCLE)

MONITORING SITE		APR	MAY	JUN
Central East Sydney region				
EARLWOOD				
Beaman Park				
Riverview Rd	Number of Samples	5	2	5
	Monthly Average	46	50	59
	Highest Value	57	54	73
ROZELLE				
Rozelle Hospital				
Balmain Rd	Number of Samples	5	5	5
	Monthly Average	30	36	38
	Highest Value	41	47	55
SYDNEY				
Grace Bros				
Cnr George & Market Sts	Number of Samples	5	4	3
	Monthly Average	50	59	45
	Highest Value	91	88	47
Illawarra region				
PORT KEMBLA				
Cnr Church & Kembla Sts				
	Number of Samples	5	5	4
	Monthly Average	50	33	46
	Highest Value	78	51	50
PORT KEMBLA				
Cnr Blaxland Ave				
& Flagstaff Rd				
	Number of Samples	5	5	4
	Monthly Average	46	30	38
	Highest Value	91	46	42
PORT KEMBLA				
Fire Station				
Military Road	Number of Samples	5	5	3
	Monthly Average	60	44	43
	Highest Value	99	67	49
WARRAWONG				
Carlotta Cres				
	Number of Samples	5	5	4
	Monthly Average	46	49	44
	Highest Value	65	87	53
Lower Hunter region				
WALLSEND				
Swimming Pool				
Frances St	Number of Samples	5	5	4
	Monthly Average	38	38	34
	Highest Value	58	58	41

*** Data not available

2004 Data

TABLE 4.3

PARTICULATE MATTER: LESS THAN 10µm (PM₁₀)Micrograms per cubic metre at 0° Celsius (µg/m³ at 0°C)

24-HOUR CLOCK SAMPLE (6-DAY CYCLE)

MONITORING SITE		APR	MAY	JUN
Central East Sydney region				
EARLWOOD				
Beaman Park				
Riverview Rd	Number of Samples	5	5	5
	Monthly Average	23	23	20
	Highest Value	30	32	30
LINDFIELD				
Bradfield Rd				
	Number of Samples	5	4	5
	Monthly Average	17	13	10
	Highest Value	24	22	18
ROZELLE				
Rozelle Hospital				
Balmain Rd	Number of Samples	5	5	5
	Monthly Average	21	17	17
	Highest Value	28	30	27
SYDNEY				
Grace Bros				
Cnr George & Market Sts	Number of Samples	5	5	3
	Monthly Average	27	26	13
	Highest Value	35	41	15
North West Sydney region				
BLACKTOWN				
Flushcombe Rd				
	Number of Samples	5	5	***
	Monthly Average	20	21	***
	Highest Value	22	32	***
RICHMOND				
University Of Western Sydney				
Vines Rd	Number of Samples	5	5	5
	Monthly Average	21	21	18
	Highest Value	32	32	30
Illawarra region				
ALBION PARK				
Croome Rd				
	Number of Samples	5	5	5
	Monthly Average	19	10	12
	Highest Value	27	17	21
KEMBLA GRANGE				
Kembla Grange Racecourse				
Princes Hwy	Number of Samples	5	5	5
	Monthly Average	20	12	13
	Highest Value	30	23	19

*** Data not available

2004 Data

TABLE 4.3 (Cont'd)

PARTICULATE MATTER: LESS THAN 10µm (PM₁₀)

Micrograms per cubic metre at 0° Celsius (µg/m³ at 0°C)

24-HOUR CLOCK SAMPLE (6-DAY CYCLE)

MONITORING SITE		APR	MAY	JUN
<i>Illawarra region (Cont'd)</i>				
WARRAWONG				
Carlotta Cres				
	Number of Samples	5	5	5
	Monthly Average	21	20	19
	Highest Value	30	27	26
WOLLONGONG				
Gipps St				
	Number of Samples	5	5	5
	Monthly Average	21	13	10
	Highest Value	31	19	17
<i>Lower Hunter region</i>				
BERESFIELD				
Francis Greenway				
High School				
	Number of Samples	5	5	4
	Monthly Average	18	29	17
	Highest Value	23	50	26
NEWCASTLE				
Athletics Field				
Smith St				
	Number of Samples	5	5	4
	Monthly Average	20	22	17
	Highest Value	30	38	33
WALLSEND				
Swimming Pool				
Frances St				
	Number of Samples	5	5	4
	Monthly Average	18	20	14
	Highest Value	25	33	19

*** Data not available

2004 Data

TABLE 4.4
PARTICULATE MATTER: BY TAPERED ELEMENT
OSCILLATING MICROBALANCE (TEOM- PM₁₀)
Micrograms per cubic metre at 0° Celsius (µg/m³ at 0°C)
1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL:
24-hour average = 50 µg/m³

MONITORING SITE		APR	MAY	JUN
Central East Sydney region				
CHULLORA				
Southern Sydney TAFE				
Worth St	ALL HOURS IN MONTH:			
	% Sampling Time	92	98	97
	Average	23	26	21
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	57	63	51
	90-percentile Value	89	89	93
	Maximum 1-hour Value	184	259	128
	Maximum 24-hour Value	38	50	46
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0
EARLWOOD				
Beaman Park				
Riverview Rd	ALL HOURS IN MONTH:			
	% Sampling Time	99	87	91
	Average	23	29	22
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	52	60	48
	90-percentile Value	77	91	70
	Maximum 1-hour Value	177	129	96
	Maximum 24-hour Value	39	46	35
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0
RANDWICK				
Randwick Barracks				
Cnr Avoca & Bundock Sts	ALL HOURS IN MONTH:			
	% Sampling Time	97	97	97
	Average	20	20	16
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	48	38	35
	90-percentile Value	74	59	48
	Maximum 1-hour Value	152	75	75
	Maximum 24-hour Value	36	32	28
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0
ROZELLE				
Rozelle Hospital				
Balmain Rd	ALL HOURS IN MONTH:			
	% Sampling Time	96	96	94
	Average	20	21	16
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	44	38	33
	90-percentile Value	63	55	47
	Maximum 1-hour Value	136	63	64
	Maximum 24-hour Value	33	37	31
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0

*** Data not available

2004 Data

TABLE 4.4 (Cont'd)

PARTICULATE MATTER: BY TAPERED ELEMENT
OSCILLATING MICROBALANCE (TEOM- PM₁₀)Micrograms per cubic metre at 0° Celsius (µg/m³ at 0°C)

1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL:
24-hour average = 50 µg/m³

MONITORING SITE	APR	MAY	JUN
Central East Sydney region (Cont'd)			
WOOLLOOWARE			
Woollooware Rd			
ALL HOURS IN MONTH:			
% Sampling Time	98	98	96
Average	18	18	15
DAILY 1-HOUR MAXIMA:			
Monthly Average	42	42	31
90-percentile Value	71	67	53
Maximum 1-hour Value	130	230	76
Maximum 24-hour Value	40	30	33
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0
North West Sydney region			
BLACKTOWN			
Flushcombe Rd			
ALL HOURS IN MONTH:			
% Sampling Time	55	97	***
Average	21	24	***
DAILY 1-HOUR MAXIMA:			
Monthly Average	46	47	***
90-percentile Value	65	69	***
Maximum 1-hour Value	211	80	***
Maximum 24-hour Value	31	42	***
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	***
RICHMOND			
University Of Western Sydney			
Vines Rd			
ALL HOURS IN MONTH:			
% Sampling Time	98	80	96
Average	20	27	17
DAILY 1-HOUR MAXIMA:			
Monthly Average	55	59	41
90-percentile Value	66	83	65
Maximum 1-hour Value	374	112	79
Maximum 24-hour Value	36	46	33
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0
ST MARYS			
Mamre Rd			
ALL HOURS IN MONTH:			
% Sampling Time	98	52	91
Average	19	19	16
DAILY 1-HOUR MAXIMA:			
Monthly Average	47	42	40
90-percentile Value	74	77	65
Maximum 1-hour Value	143	82	146
Maximum 24-hour Value	37	38	26
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0

*** Data not available

2004 Data

TABLE 4.4 (Cont'd)

PARTICULATE MATTER: BY TAPERED ELEMENT
OSCILLATING MICROBALANCE (TEOM- PM₁₀)Micrograms per cubic metre at 0° Celsius (µg/m³ at 0°C)

1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL:
24-hour average = 50 µg/m³

MONITORING SITE		APR	MAY	JUN
North West Sydney region (Cont'd)				
VINEYARD				
Castle Hill STP				
Bandon Rd	ALL HOURS IN MONTH:			
	% Sampling Time	43	99	99
	Average	20	23	16
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	39	48	37
	90-percentile Value	67	79	59
	Maximum 1-hour Value	125	93	77
	Maximum 24-hour Value	25	42	29
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0
WESTMEAD				
Westmead Hospital				
Hainsworth St	ALL HOURS IN MONTH:			
	% Sampling Time	94	91	92
	Average	21	25	20
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	45	57	51
	90-percentile Value	65	94	98
	Maximum 1-hour Value	163	115	105
	Maximum 24-hour Value	34	38	41
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0
South West Sydney region				
BRINGELLY				
Ramsay Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	98	98	94
	Average	19	21	19
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	51	48	44
	90-percentile Value	80	73	61
	Maximum 1-hour Value	180	83	74
	Maximum 24-hour Value	35	41	35
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0
CAMPBELLTOWN				
Kanbyugal Reserve				
Cronulla Cres.	ALL HOURS IN MONTH:			
	% Sampling Time	91	93	93
	Average	20	19	16
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	50	39	36
	90-percentile Value	79	61	53
	Maximum 1-hour Value	138	77	74
	Maximum 24-hour Value	45	34	37
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0

*** Data not available

2004 Data

TABLE 4.4 (Cont'd)

PARTICULATE MATTER: BY TAPERED ELEMENT
OSCILLATING MICROBALANCE (TEOM- PM₁₀)Micrograms per cubic metre at 0° Celsius (µg/m³ at 0°C)

1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL:
24-hour average = 50 µg/m³

MONITORING SITE	APR	MAY	JUN
South West Sydney region (Cont'd)			
LIVERPOOL			
Rose St			
ALL HOURS IN MONTH:			
% Sampling Time	96	89	93
Average	22	27	23
DAILY 1-HOUR MAXIMA:			
Monthly Average	47	55	61
90-percentile Value	69	80	106
Maximum 1-hour Value	160	121	142
Maximum 24-hour Value	39	48	36
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0
OAKDALE			
Ridge Rd			
ALL HOURS IN MONTH:			
% Sampling Time	***	37	45
Average	***	17	6
DAILY 1-HOUR MAXIMA:			
Monthly Average	***	55	13
90-percentile Value	***	158	18
Maximum 1-hour Value	***	382	18
Maximum 24-hour Value	***	40	8
NEPM STANDARD LEVEL:			
No. Days Above Level	***	0	0
Illawarra region			
ALBION PARK			
Croome Rd			
ALL HOURS IN MONTH:			
% Sampling Time	97	98	97
Average	18	17	14
DAILY 1-HOUR MAXIMA:			
Monthly Average	47	48	50
90-percentile Value	86	98	120
Maximum 1-hour Value	125	107	195
Maximum 24-hour Value	37	32	31
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0
KEMBLA GRANGE			
Kembla Grange Racecourse			
Princes Hwy			
ALL HOURS IN MONTH:			
% Sampling Time	***	***	94
Average	***	***	17
DAILY 1-HOUR MAXIMA:			
Monthly Average	***	***	52
90-percentile Value	***	***	98
Maximum 1-hour Value	***	***	172
Maximum 24-hour Value	***	***	38
NEPM STANDARD LEVEL:			
No. Days Above Level	***	***	0

*** Data not available

2004 Data

TABLE 4.4 (Cont'd)

PARTICULATE MATTER: BY TAPERED ELEMENT
OSCILLATING MICROBALANCE (TEOM- PM₁₀)Micrograms per cubic metre at 0° Celsius (µg/m³ at 0°C)

1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL:
24-hour average = 50 µg/m³

MONITORING SITE	APR	MAY	JUN
Illawarra region (Cont'd)			
WARRAWONG			
Carlotta Cres			
ALL HOURS IN MONTH:			
% Sampling Time	94	98	96
Average	22	20	17
DAILY 1-HOUR MAXIMA:			
Monthly Average	56	51	45
90-percentile Value	128	95	64
Maximum 1-hour Value	245	232	124
Maximum 24-hour Value	43	45	44
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0
WOLLONGONG			
Gipps St			
ALL HOURS IN MONTH:			
% Sampling Time	98	95	99
Average	18	15	12
DAILY 1-HOUR MAXIMA:			
Monthly Average	39	30	27
90-percentile Value	57	45	41
Maximum 1-hour Value	88	64	48
Maximum 24-hour Value	35	30	22
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0
Lower Hunter region			
BERESFIELD			
Francis Greenway			
High School			
ALL HOURS IN MONTH:			
% Sampling Time	99	86	99
Average	22	28	19
DAILY 1-HOUR MAXIMA:			
Monthly Average	44	57	43
90-percentile Value	75	96	63
Maximum 1-hour Value	92	155	120
Maximum 24-hour Value	48	44	34
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0
WALLSEND			
Swimming Pool			
Frances St			
ALL HOURS IN MONTH:			
% Sampling Time	99	97	88
Average	19	20	15
DAILY 1-HOUR MAXIMA:			
Monthly Average	41	43	29
90-percentile Value	61	61	46
Maximum 1-hour Value	92	256	56
Maximum 24-hour Value	34	38	20
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0

*** Data not available

2004 Data

TABLE 4.4 (Cont'd)

**PARTICULATE MATTER: BY TAPERED ELEMENT
OSCILLATING MICROBALANCE (TEOM- PM₁₀)**Micrograms per cubic metre at 0° Celsius (µg/m³ at 0°C)

1-HOUR CLOCK AVERAGE

**NEPM STANDARD LEVEL:
24-hour average = 50 µg/m³**

MONITORING SITE		APR	MAY	JUN
Central Tablelands region				
BATHURST				
Wastewater Treatment Plant				
Off Morrisset St	ALL HOURS IN MONTH:			
	% Sampling Time	93	88	86
	Average	32	27	8
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	95	61	19
	90-percentile Value	206	91	30
	Maximum 1-hour Value	240	168	34
	Maximum 24-hour Value	73	53	13
	NEPM STANDARD LEVEL:			
	No. Days Above Level	2	1	0
South West Slopes region				
ALBURY				
Jelbart Park				
Cnr Kaylock Rd & Cambourne St	ALL HOURS IN MONTH:			
	% Sampling Time	88	88	93
	Average	28	22	12
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	62	43	27
	90-percentile Value	92	72	46
	Maximum 1-hour Value	111	76	54
	Maximum 24-hour Value	56	52	21
	NEPM STANDARD LEVEL:			
	No. Days Above Level	1	1	0
WAGGA WAGGA				
Cnr Morgan & Murray Sts				
	ALL HOURS IN MONTH:			
	% Sampling Time	97	98	86
	Average	41	36	16
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	117	77	36
	90-percentile Value	215	140	61
	Maximum 1-hour Value	359	161	103
	Maximum 24-hour Value	72	69	39
	NEPM STANDARD LEVEL:			
	No. Days Above Level	10	7	0
North West Slopes region				
TAMWORTH				
Hyman Park				
Off Robert Rd	ALL HOURS IN MONTH:			
	% Sampling Time	95	98	89
	Average	24	21	18
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	58	54	52
	90-percentile Value	79	85	75
	Maximum 1-hour Value	118	119	81
	Maximum 24-hour Value	50	35	26
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0

*** Data not available

2004 Data

TABLE 4.5
PARTICULATE MATTER: BY TAPERED ELEMENT
OSCILLATING MICROBALANCE (TEOM-PM_{2.5})
 Micrograms per cubic metre at 0° Celsius (µg/m³ at 0°C)
 1-HOUR CLOCK AVERAGE

MONITORING SITE		APR	MAY	JUN
Central East Sydney region				
CHULLORA				
Southern Sydney TAFE				
Worth St	ALL HOURS IN MONTH:			
	% Sampling Time	79	98	91
	Average	9	12	10
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	18	25	22
	90-percentile Value	26	38	34
	Maximum 1-hour Value	34	52	37
EARLWOOD				
Beaman Park				
Riverview Rd	ALL HOURS IN MONTH:			
	% Sampling Time	100	99	92
	Average	11	13	12
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	21	27	27
	90-percentile Value	30	46	45
	Maximum 1-hour Value	32	54	51
WOOLLOOWARE				
Woollooware Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	99	99	96
	Average	10	11	10
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	18	24	21
	90-percentile Value	25	34	34
	Maximum 1-hour Value	32	102	39
North West Sydney region				
RICHMOND				
University Of Western Sydney				
Vines Rd	ALL HOURS IN MONTH:			
	% Sampling Time	98	95	93
	Average	11	13	10
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	30	29	25
	90-percentile Value	29	50	46
	Maximum 1-hour Value	322	101	68
WESTMEAD				
Westmead Hospital				
Hainsworth St	ALL HOURS IN MONTH:			
	% Sampling Time	98	86	98
	Average	13	14	12
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	27	30	31
	90-percentile Value	44	49	54
	Maximum 1-hour Value	56	83	75

*** Data not available

2004 Data

TABLE 4.5 (Cont'd)
PARTICULATE MATTER: BY TAPERED ELEMENT
OSCILLATING MICROBALANCE (TEOM-PM_{2.5})
Micrograms per cubic metre at 0° Celsius (µg/m³ at 0°C)
1-HOUR CLOCK AVERAGE

MONITORING SITE		APR	MAY	JUN
South West Sydney region				
LIVERPOOL				
Rose St				
	ALL HOURS IN MONTH:			
	% Sampling Time	92	99	85
	Average	13	12	15
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	25	37	58
	90-percentile Value	40	37	54
	Maximum 1-hour Value	62	407	447
Illawarra region				
WARRAWONG				
Carlotta Cres				
	ALL HOURS IN MONTH:			
	% Sampling Time	95	99	93
	Average	12	11	10
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	22	23	22
	90-percentile Value	33	35	34
	Maximum 1-hour Value	49	47	37
WOLLONGONG				
Gipps St				
	ALL HOURS IN MONTH:			
	% Sampling Time	98	77	98
	Average	10	9	8
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	18	17	16
	90-percentile Value	27	25	25
	Maximum 1-hour Value	30	32	29
Lower Hunter region				
BERESFIELD				
Francis Greenway				
High School				
	ALL HOURS IN MONTH:			
	% Sampling Time	98	99	97
	Average	12	14	10
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	22	27	22
	90-percentile Value	32	38	34
	Maximum 1-hour Value	60	43	41
WALLSEND				
Swimming Pool				
Frances St				
	ALL HOURS IN MONTH:			
	% Sampling Time	77	85	54
	Average	10	12	8
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	17	22	17
	90-percentile Value	26	39	27
	Maximum 1-hour Value	30	44	31

*** Data not available

2004 Data

TABLE 5
SULFUR DIOXIDE (SO₂)

NEPM STANDARD LEVEL:
1-hour average = 20 pphm
24-hour average = 8 pphm

Parts per hundred million (pphm)
1-HOUR CLOCK AVERAGE

MONITORING SITE	APR	MAY	JUN
Central East Sydney region			
LINDFIELD Bradfield Rd			
ALL HOURS IN MONTH:			
% Sampling Time	88	91	96
Average	0.1	0.1	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.3	0.5	0.6
90-percentile Value	0.7	0.9	1.2
Maximum 1-hour Value	1.1	1.5	2.1
Maximum 24-hour Value	0.2	0.2	0.3
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)
RANDWICK Randwick Barracks			
Cnr Avoca & Bundock Sts			
ALL HOURS IN MONTH:			
% Sampling Time	95	95	95
Average	0.2	0.2	0.3
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.7	0.7	0.8
90-percentile Value	1.3	1.6	1.7
Maximum 1-hour Value	2.3	1.8	2.2
Maximum 24-hour Value	0.4	0.6	0.7
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)
WOOLLOOWARE Woollooware Rd			
ALL HOURS IN MONTH:			
% Sampling Time	94	95	93
Average	0.1	0.1	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.4	0.2	0.3
90-percentile Value	0.9	0.4	0.8
Maximum 1-hour Value	2.0	0.7	2.0
Maximum 24-hour Value	0.6	0.2	0.4
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)
North West Sydney region			
BLACKTOWN Flushcombe Rd			
ALL HOURS IN MONTH:			
% Sampling Time	95	95	***
Average	0.1	0.1	***
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.4	0.3	***
90-percentile Value	0.7	0.6	***
Maximum 1-hour Value	1.6	0.8	***
Maximum 24-hour Value	0.4	0.3	***
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	*** (***)

*** Data not available

() Numbers in brackets indicate exceedences of the 24-hour NEPM Standard Level

2004 Data

TABLE 5 (Cont'd)
SULFUR DIOXIDE (SO₂)

NEPM STANDARD LEVEL:
1-hour average = 20 pphm
24-hour average = 8 pphm

Parts per hundred million (pphm)

1-HOUR CLOCK AVERAGE

MONITORING SITE		APR	MAY	JUN
North West Sydney region (Cont'd)				
RICHMOND				
University Of Western Sydney				
Vines Rd	ALL HOURS IN MONTH:			
	% Sampling Time	78	95	93
	Average	0.0	0.0	0.1
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.2	0.2	0.3
	90-percentile Value	0.4	0.4	0.7
	Maximum 1-hour Value	0.5	0.8	2.1
	Maximum 24-hour Value	0.2	0.1	0.3
	NEPM STANDARD LEVEL:			
	No. Events Above Level	0 (0)	0 (0)	0 (0)
VINEYARD				
Castle Hill STP				
Bandon Rd	ALL HOURS IN MONTH:			
	% Sampling Time	87	94	95
	Average	0.1	0.1	0.1
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.3	0.2	0.3
	90-percentile Value	0.7	0.5	0.6
	Maximum 1-hour Value	0.9	0.6	1.6
	Maximum 24-hour Value	0.3	0.2	0.3
	NEPM STANDARD LEVEL:			
	No. Events Above Level	0 (0)	0 (0)	0 (0)
South West Sydney region				
BARGO				
Silica Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	89	88	96
	Average	0.0	0.0	0.0
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.1	0.1	0.1
	90-percentile Value	0.3	0.3	0.3
	Maximum 1-hour Value	0.4	0.5	0.8
	Maximum 24-hour Value	0.1	0.3	0.2
	NEPM STANDARD LEVEL:			
	No. Events Above Level	0 (0)	0 (0)	0 (0)
BRINGELLY				
Ramsay Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	94	95	95
	Average	0.0	0.0	0.0
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.2	0.2	0.1
	90-percentile Value	0.5	0.4	0.4
	Maximum 1-hour Value	1.3	0.7	0.8
	Maximum 24-hour Value	0.2	0.1	0.1
	NEPM STANDARD LEVEL:			
	No. Events Above Level	0 (0)	0 (0)	0 (0)

*** Data not available

() Numbers in brackets indicate exceedences of the 24-hour NEPM Standard Level

2004 Data

TABLE 5 (Cont'd)
SULFUR DIOXIDE (SO₂)

NEPM STANDARD LEVEL:
1-hour average = 20 pphm
24-hour average = 8 pphm

Parts per hundred million (pphm)

1-HOUR CLOCK AVERAGE

MONITORING SITE	APR	MAY	JUN
Illawarra region			
ALBION PARK			
Croome Rd			
ALL HOURS IN MONTH:			
% Sampling Time	89	95	92
Average	0.1	0.0	0.0
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.4	0.1	0.2
90-percentile Value	1.4	0.4	0.6
Maximum 1-hour Value	2.9	0.9	1.5
Maximum 24-hour Value	0.7	0.2	0.3
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)
WARRAWONG			
Carlotta Cres			
ALL HOURS IN MONTH:			
% Sampling Time	85	95	93
Average	0.1	0.1	0.2
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.4	0.3	0.8
90-percentile Value	1.4	1.0	2.3
Maximum 1-hour Value	1.7	2.3	2.9
Maximum 24-hour Value	0.7	0.4	0.7
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)
WOLLONGONG			
Gipps St			
ALL HOURS IN MONTH:			
% Sampling Time	88	95	91
Average	0.1	0.1	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.4	0.2	0.3
90-percentile Value	0.8	0.5	0.6
Maximum 1-hour Value	1.3	0.8	1.0
Maximum 24-hour Value	0.3	0.3	0.2
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)
Lower Hunter region			
BERESFIELD			
Francis Greenway			
High School			
ALL HOURS IN MONTH:			
% Sampling Time	96	94	91
Average	0.2	0.3	0.4
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.6	1.0	1.3
90-percentile Value	1.5	1.8	2.5
Maximum 1-hour Value	1.8	3.0	4.0
Maximum 24-hour Value	0.5	0.8	0.9
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)

*** Data not available

() Numbers in brackets indicate exceedences of the 24-hour NEPM Standard Level

2004 Data

TABLE 5 (Cont'd)
SULFUR DIOXIDE (SO₂)

Parts per hundred million (pphm)
 1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL:
1-hour average = 20 pphm
24-hour average = 8 pphm

MONITORING SITE		APR	MAY	JUN
<i>Lower Hunter region (Cont'd)</i>				
WALLSEND				
Swimming Pool				
Frances St	ALL HOURS IN MONTH:			
	% Sampling Time	92	95	94
	Average	0.2	0.2	0.3
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.8	1.1	1.1
	90-percentile Value	1.9	2.9	2.4
	Maximum 1-hour Value	4.4	4.2	6.7
	Maximum 24-hour Value	0.6	0.6	0.9
	NEPM STANDARD LEVEL:			
	No. Events Above Level	0 (0)	0 (0)	0 (0)

*** Data not available

2004 Data

() Numbers in brackets indicate exceedences of the 24-hour NEPM Standard Level

TABLE 6
CARBON MONOXIDE (CO)

NEPM STANDARD LEVEL:
8-hour average = 9 ppm

Parts per million (ppm)
1-HOUR CLOCK AVERAGE

MONITORING SITE		APR	MAY	JUN
Central East Sydney region				
CHULLORA				
Southern Sydney TAFE				
Worth St	ALL HOURS IN MONTH:			
	% Sampling Time	87	95	94
	Average	0.3	0.5	0.5
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.9	1.5	1.5
	90-percentile Value	1.4	2.8	2.5
	Maximum 1-hour Value	1.6	6.3	4.0
	Maximum 8-hour Value	1.0	3.0	3.4
	NEPM STANDARD LEVEL:			
	No.Events Above Level	0	0	0
	No. Days Above Level	0	0	0
ROZELLE				
Rozelle Hospital				
Balmain Rd	ALL HOURS IN MONTH:			
	% Sampling Time	95	95	91
	Average	0.3	0.4	0.4
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.9	1.4	1.3
	90-percentile Value	1.4	2.3	2.4
	Maximum 1-hour Value	1.4	2.6	3.4
	Maximum 8-hour Value	1.0	2.1	2.2
	NEPM STANDARD LEVEL:			
	No.Events Above Level	0	0	0
	No. Days Above Level	0	0	0
SYDNEY				
Grace Bros				
Cnr George & Market	ALL HOURS IN MONTH:			
	% Sampling Time	96	92	95
	Average	1.3	1.4	1.3
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	3.0	3.4	3.4
	90-percentile Value	4.2	5.1	5.2
	Maximum 1-hour Value	5.1	6.0	7.9
	Maximum 8-hour Value	3.4	3.8	3.7
	NEPM STANDARD LEVEL:			
	No.Events Above Level	0	0	0
	No. Days Above Level	0	0	0

*** Data not available

2004 Data

TABLE 6 (Cont'd)
CARBON MONOXIDE (CO)

NEPM STANDARD LEVEL:
8-hour average = 9 ppm

Parts per million (ppm)
1-HOUR CLOCK AVERAGE

MONITORING SITE	APR	MAY	JUN
North West Sydney region			
BLACKTOWN			
Flushcombe Rd			
ALL HOURS IN MONTH:			
% Sampling Time	95	95	***
Average	0.1	0.3	***
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.6	1.3	***
90-percentile Value	1.1	2.1	***
Maximum 1-hour Value	1.4	2.3	***
Maximum 8-hour Value	0.6	1.7	***
NEPM STANDARD LEVEL:			
No.Events Above Level	0	0	***
No. Days Above Level	0	0	***
WESTMEAD			
Westmead Hospital			
Hainsworth St			
ALL HOURS IN MONTH:			
% Sampling Time	93	49	93
Average	0.4	0.5	0.6
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.1	1.3	1.8
90-percentile Value	1.6	2.2	3.3
Maximum 1-hour Value	1.9	2.3	3.8
Maximum 8-hour Value	1.2	1.8	3.0
NEPM STANDARD LEVEL:			
No.Events Above Level	0	0	0
No. Days Above Level	0	0	0
South West Sydney region			
LIVERPOOL			
Rose St			
ALL HOURS IN MONTH:			
% Sampling Time	93	95	94
Average	0.4	0.6	0.7
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.0	1.7	2.4
90-percentile Value	1.4	2.6	4.0
Maximum 1-hour Value	1.8	3.8	4.6
Maximum 8-hour Value	1.1	2.3	3.0
NEPM STANDARD LEVEL:			
No.Events Above Level	0	0	0
No. Days Above Level	0	0	0

*** Data not available

2004 Data

TABLE 6 (Cont'd)
CARBON MONOXIDE (CO)

NEPM STANDARD LEVEL:
8-hour average = 9 ppm

Parts per million (ppm)
1-HOUR CLOCK AVERAGE

MONITORING SITE	APR	MAY	JUN
<i>Illawarra region</i>			
WOLLONGONG			
Gipps St			
ALL HOURS IN MONTH:			
% Sampling Time	88	95	94
Average	0.3	0.3	0.4
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.8	1.0	1.3
90-percentile Value	1.4	1.8	2.2
Maximum 1-hour Value	1.6	2.5	3.1
Maximum 8-hour Value	0.9	1.3	1.7
NEPM STANDARD LEVEL:			
No.Events Above Level	0	0	0
No. Days Above Level	0	0	0
<i>Lower Hunter region</i>			
NEWCASTLE			
Athletics Field			
Smith St			
ALL HOURS IN MONTH:			
% Sampling Time	96	93	95
Average	0.3	0.4	0.3
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.7	1.3	1.3
90-percentile Value	1.1	2.4	2.5
Maximum 1-hour Value	1.2	2.9	2.8
Maximum 8-hour Value	0.7	2.4	2.2
NEPM STANDARD LEVEL:			
No.Events Above Level	0	0	0
No. Days Above Level	0	0	0

*** Data not available

2004 Data

TABLE 7

LEAD (Pb)

Micrograms per cubic metre at 0° Celsius (µg/m³ at 0°C)

24-HOUR CLOCK SAMPLE (6 DAY CYCLE)

MONITORING SITE		APR	MAY	JUN
Central East Sydney region				
EARLWOOD				
Beaman Park				
Riverview Rd	Number of Samples	5	2	5
	Monthly Average	<0.1 *	<0.1 *	<0.1 *
	Highest Value	<0.1	<0.1	<0.1
ROZELLE				
Rozelle Hospital				
Balmain Rd	Number of Samples	5	5	5
	Monthly Average	<0.1 *	<0.1 *	<0.1 *
	Highest Value	<0.1	<0.1	<0.1
SYDNEY				
Grace Bros				
Cnr George & Market Sts	Number of Samples	3	4	3
	Monthly Average	<0.1 *	<0.1 *	<0.1 *
	Highest Value	<0.1	<0.1	<0.1
Illawarra region				
PORT KEMBLA				
Cnr Church & Kembla Sts	Number of Samples	5	5	3
	Monthly Average	<0.1 *	<0.1 *	<0.1 *
	Highest Value	<0.1	<0.1	<0.1
PORT KEMBLA				
Cnr Blaxland Ave & Flagstaff Rd	Number of Samples	5	5	4
	Monthly Average	<0.1 *	<0.1 *	<0.1 *
	Highest Value	<0.1	<0.1	<0.1
PORT KEMBLA				
Fire Station				
Military Road	Number of Samples	5	5	3
	Monthly Average	<0.1 *	<0.1 *	<0.1 *
	Highest Value	0.1	<0.1	0.1
WARRAWONG				
Carlotta Cres	Number of Samples	5	5	2
	Monthly Average	<0.1 *	<0.1 *	<0.1 *
	Highest Value	<0.1	<0.1	<0.1
Lower Hunter region				
WALLSEND				
Swimming Pool				
Frances St	Number of Samples	5	5	4
	Monthly Average	<0.1 *	<0.1 *	<0.1 *
	Highest Value	<0.1	<0.1	<0.1

2004 Data

* Average value calculated with some data less than detection limit

TABLE 8

CADMIUM (Cd)Micrograms per cubic metre at 0° Celsius ($\mu\text{g}/\text{m}^3$ at 0°C)

24-HOUR CLOCK SAMPLE (6 DAY CYCLE)

MONITORING SITE		APR	MAY	JUN
<i>Illawarra region</i>				
PORT KEMBLA				
Cnr Church & Kembla Sts				
	Number of Samples	5	5	3
	Monthly Average	<0.02 *	<0.02 *	<0.02 *
	Highest Value	<0.02	<0.02	<0.02
PORT KEMBLA				
Cnr Blaxland Ave				
& Flagstaff Rd				
	Number of Samples	5	5	4
	Monthly Average	<0.02 *	<0.02 *	<0.02 *
	Highest Value	<0.02	<0.02	<0.02
PORT KEMBLA				
Fire Station				
Military Road				
	Number of Samples	5	5	3
	Monthly Average	<0.02 *	<0.02 *	<0.02 *
	Highest Value	<0.02	<0.02	<0.02

2004 Data

* Average value calculated with some data less than detection limit

TABLE 9

REGIONAL POLLUTION INDEX (RPI)

Sydney region

RPI	Low 0 - 24						Medium 25 - 49						High > 49					
D A Y	REGIONS																	
	Eastern Sydney						South Western						North Western					
	APR		MAY		JUN		APR		MAY		JUN		APR		MAY		JUN	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
1	28	23	37	14	43	24	23	18	15	15	14	15	29	20	15	14	35	34
2	23	15	14	13	31	25	20	17	15	14	23	10	21	20	14	14	51	16
3	19	22	13	13	25	15	15	27	14	17	19	12	16	26	13	17	19	16
4	18	14	15	14	13	15	24	12	15	15	14	15	29	13	16	16	12	17
5	13	17	19	21	25	15	11	12	15	15	14	16	13	71	15	16	17	21
6	12	41	15	18	37	27	10	15	19	22	21	15	12	33	15	20	39	52
7	12	18	22	25	47	29	14	13	31	23	35	16	16	23	27	34	36	29
8	11	11	45	52	28	23	12	13	29	18	32	14	11	12	36	55	33	27
9	10	20	20	19	29	24	13	18	17	15	16	15	13	18	22	20	43	38
10	19	26	15	12	16	16	24	27	15	14	29	15	16	31	13	13	13	13
11	22	26	12	13	22	14	22	25	13	14	14	14	30	26	12	15	12	14
12	19	21	13	13	14	15	35	24	14	14	13	14	26	32	14	14	15	16
13	17	13	12	13	24	22	18	19	12	14	37	15	20	22	12	13	35	33
14	12	21	17	22	15	15	16	25	16	19	43	15	20	24	15	20	16	14
15	21	22	19	17	14	14	53	20	25	20	15	15	24	31	23	22	14	14
16	22	22	93	45	12	13	23	23	43	16	15	14	16	33	80	49	14	14
17	20	35	19	16	12	14	30	20	15	16	16	16	34	22	18	18	16	16
18	36	16	18	16	18	16	17	18	42	21	19	15	16	19	18	16	18	14
19	15	18	15	15	10	13	19	19	13	15	14	14	19	20	18	16	14	13
20	17	20	16	14	13	14	18	20	38	15	15	15	21	24	18	17	14	15
21	18	16	17	18	13	13	20	20	15	17	14	13	21	23	17	16	16	18
22	28	54	16	22	14	11	18	20	21	15	31	16	22	35	16	33	45	85
23	23	33	29	45	22	22	21	22	45	28	16	12	21	29	31	121	36	26
24	19	15	13	23	13	12	24	15	31	12	29	17	19	16	41	62	14	12
25	15	16	20	19	12	13	15	15	40	22	14	15	16	19	49	41	13	14
26	16	16	18	17	14	14	15	19	17	14	16	16	19	21	9	14	13	15
27	15	18	12	13	12	15	18	18	20	14	14	14	21	19	16	14	14	16
28	13	12	12	14	34	13	14	12	14	14	28	20	13	10	13	15	28	30
29	12	12	14	14	12	23	11	10	14	15	17	20	10	12	13	18	14	17
30	11	16	14	15	23	18	11	17	15	16	25	16	14	18	18	17	26	15
31			37	16					15	14					29	23		
PERCENTAGE FREQUENCY																		
	Eastern Sydney						South Western						North Western					
	APR		MAY		JUN		APR		MAY		JUN		APR		MAY		JUN	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
LOW	90	80	84	87	70	90	90	87	71	97	70	100	83	67	77	77	63	70
MED	10	17	13	10	30	10	7	13	29	3	30	0	17	30	19	13	33	23
HIGH	0	3	3	3	0	0	3	0	0	0	0	0	0	3	3	10	3	7

2004 Data

TABLE 9 (Cont'd)

REGIONAL POLLUTION INDEX (RPI)

Lower Hunter region

RPI	Low 0 - 24						Medium 25 - 49						High > 49					
	Newcastle						REGIONS Wallsend						Beresfield					
	APR		MAY		JUN		APR		MAY		JUN		APR		MAY		JUN	
D A Y	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
1	23	24	15	13	15	11	21	26	17	14	12	14	27	27	19	15	26	5
2	23	21	12	13	15	10	23	20	14	14	11	8	25	22	15	16	17	7
3	14	17	13	11	21	11	14	17	14	13	18	12	14	19	15	13	20	14
4	15	15	12	14	9	10	16	14	9	15	11	12	18	17	29	15	13	12
5	14	12	12	15	13	11	13	9	13	14	13	15	15	11	15	15	17	12
6	11	13	14	13	22	20	5	15	15	15	24	14	10	16	19	18	31	17
7	8	14	14	23	26	15	7	13	11	26	20	7	11	14	16	18	14	17
8	12	10	39	30	35	15	11	11	26	28	38	18	11	9	35	29	34	13
9	8	14	24	17	27	11	9	14	30	17	15	9	10	16	32	28	22	13
10	10	21	14	13	18	10	12	18	14	13	15	14	15	21	15	13	23	10
11	17	18	11	13	14	12	16	18	24	13	13	11	19	20	13	14	8	11
12	18	19	14	12	13	12	16	19	15	12	12	14	22	23	15	16	10	15
13	17	12	11	9	23	15	17	13	10	15	17	15	17	14	12	14	25	14
14	13	20	34	23	13	13	12	17	18	16	15	15	11	24	14	21	20	15
15	20	17	17	16	11	12	37	15	17	21	13	13	68	17	21	21	15	13
16	12	15	34	18	11	11	12	24	27	18	13	12	18	28	22	18	13	12
17	12	19	17	12	20	10	19	20	16	17	10	11	23	23	16	18	10	8
18	18	14	18	15	23	11	19	16	15	11	20	12	22	17	17	10	15	11
19	15	15	13	12	11	10	16	15	14	14	12	10	16	16	12	14	12	10
20	13	17	20	9	10	13	14	17	15	17	12	14	15	20	13	10	11	15
21	17	21	14	16	12	10	18	21	13	15	14	12	20	18	11	14	14	12
22	18	21	18	16	10	12	20	19	20	13	23	12	19	18	15	15	19	12
23	14	16	21	12	12	7	12	17	17	13	19	13	17	21	17	15	36	12
24	11	15	10	17	25	11	21	16	12	15	21	13	23	17	14	18	22	13
25	14	15	20	17	10	11	15	16	19	12	12	13	17	17	15	13	11	11
26	15	17	7	11	10	13	16	16	8	11	12	14	17	17	15	12	12	14
27	17	18	9	12	13	13	17	19	9	13	14	11	17	18	13	14	13	12
28	16	11	10	10	13	11	17	11	12	11	23	12	18	11	13	13	17	13
29	10	8	10	13	10	11	10	6	11	15	11	12	9	8	13	16	13	13
30	10	15	13	13	10	11	10	17	14	14	11	12	10	19	15	16	13	14
31			37	9					27	12					19	10		

	PERCENTAGE FREQUENCY												Beresfield					
	Newcastle						Wallsend											
	APR		MAY		JUN		APR		MAY		JUN		APR		MAY		JUN	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
LOW	100	100	87	97	87	100	97	97	87	94	97	100	90	93	90	94	83	100
MED	0	0	13	3	13	0	3	3	13	6	3	0	7	7	10	6	17	0
HIGH	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0

2004 Data

TABLE 9 (Cont'd)

REGIONAL POLLUTION INDEX (RPI)

Illawarra region

RPI Low 0 - 24 Medium 25 - 49 High > 49

D A Y	Albion Park						REGIONS Wollongong					
	APR		MAY		JUN		APR		MAY		JUN	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
1	17	21	14	13	9	13	19	21	14	13	12	13
2	19	14	13	13	16	6	20	14	13	13	22	10
3	13	18	13	12	8	12	14	21	13	15	10	12
4	24	10	14	15	12	14	26	10	15	31	13	17
5	9	12	14	13	14	15	14	13	14	15	12	16
6	10	13	13	14	14	16	12	17	13	15	16	16
7	12	13	15	19	15	15	15	14	16	22	17	15
8	12	12	23	15	15	14	12	11	24	16	11	15
9	11	15	15	15	11	12	10	19	16	17	18	14
10	18	14	15	13	19	13	21	17	15	12	32	13
11	11	27	12	13	13	14	13	30	10	13	15	14
12	26	18	14	13	14	11	21	18	15	13	11	13
13	17	13	12	13	10	14	17	15	12	12	13	13
14	12	15	12	14	12	14	14	18	12	16	13	16
15	19	20	15	13	14	14	23	21	15	15	15	15
16	13	13	12	15	14	13	16	22	31	15	15	13
17	15	16	14	15	14	15	22	16	14	16	13	15
18	17	15	13	9	14	14	17	15	14	13	13	14
19	14	16	12	13	12	13	14	17	12	14	13	14
20	15	17	13	14	14	14	15	19	14	15	14	14
21	18	15	15	14	13	12	18	15	14	16	13	12
22	14	20	14	13	12	12	15	20	13	15	11	14
23	17	17	13	14	14	10	19	22	20	22	11	13
24	16	14	12	9	14	12	22	14	15	11	12	11
25	13	15	11	10	13	13	13	16	14	11	13	14
26	16	14	10	12	14	14	16	15	10	11	15	15
27	15	13	11	13	13	13	13	13	12	13	13	14
28	1	1	13	13	12	12	13	10	12	13	14	13
29	1	2	13	14	12	12	11	13	14	14	12	13
30	5	17	14	13	12	14	12	17	13	15	12	14
31			12	12					14	15		

	Albion Park						PERCENTAGE FREQUENCY Wollongong					
	APR		MAY		JUN		APR		MAY		JUN	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
LOW	97	97	100	100	100	100	97	97	97	97	97	100
MED	3	3	0	0	0	0	3	3	3	3	3	0
HIGH	0	0	0	0	0	0	0	0	0	0	0	0

2004 Data