

Quarterly
Air Quality
Monitoring
Report

2
2002

Part A: EPA Data

April – May – June
2002

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**TABLE 1
OZONE (O₃)**

**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**

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

MONITORING SITE		APR	MAY	JUN
Central East Sydney region				
EARLWOOD				
Beaman Park				
Riverview Rd	ALL HOURS IN MONTH:			
	% Sampling Time	96	89	95
	Average	1.2	0.9	1.0
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	3.0	2.3	2.1
	90-percentile Value	3.9	3.0	2.7
	Maximum 1-hour Value	4.6	3.6	2.9
	Maximum 4-hour Value	4.2	3.3	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)
LIDCOMBE				
EPA Laboratories				
Weeroona Rd	ALL HOURS IN MONTH:			
	% Sampling Time	95	***	***
	Average	1.1	***	***
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	2.9	***	***
	90-percentile Value	4.1	***	***
	Maximum 1-hour Value	4.8	***	***
	Maximum 4-hour Value	4.4	***	***
	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)	*** (***)	*** (***)
LINDFIELD				
Bradfield Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	88	95	92
	Average	1.6	1.2	1.4
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	3.8	3.2	2.8
	90-percentile Value	5.0	4.2	3.7
	Maximum 1-hour Value	6.5	4.8	5.1
	Maximum 4-hour Value	6.0	4.1	3.8
	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

2002 Data

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

TABLE 1 (Cont'd)
OZONE (O₃)

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

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

MONITORING SITE	APR	MAY	JUN
Central East Sydney region (Cont'd)			
RANDWICK			
Randwick Barracks			
Cnr Avoca & Bundock Sts	ALL HOURS IN MONTH:		
	% Sampling Time	96	95
	Average	1.7	1.3
	DAILY 1-HOUR MAXIMA:		
	Monthly Average	3.2	2.7
	90-percentile Value	4.0	4.0
	Maximum 1-hour Value	4.6	4.4
	Maximum 4-hour Value	4.4	4.0
	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)
ROZELLE			
Rozelle Hospital			
Balmain Rd	ALL HOURS IN MONTH:		
	% Sampling Time	91	95
	Average	1.1	0.9
	DAILY 1-HOUR MAXIMA:		
	Monthly Average	2.6	2.4
	90-percentile Value	3.6	2.9
	Maximum 1-hour Value	3.7	3.6
	Maximum 4-hour Value	3.5	3.3
	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)
WOOLOOWARE			
Woolooware Rd			
	ALL HOURS IN MONTH:		
	% Sampling Time	95	88
	Average	1.5	1.3
	DAILY 1-HOUR MAXIMA:		
	Monthly Average	2.9	2.3
	90-percentile Value	3.9	2.9
	Maximum 1-hour Value	4.5	3.7
	Maximum 4-hour Value	4.0	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)

*** Data not available

2002 Data

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

TABLE 1 (Cont'd)
OZONE (O₃)

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

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

MONITORING SITE	APR	MAY	JUN
North West Sydney region			
BLACKTOWN			
Flushcombe Rd			
ALL HOURS IN MONTH:			
% Sampling Time	96	93	96
Average	1.2	1.0	1.2
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.3	2.5	2.3
90-percentile Value	4.4	3.5	2.9
Maximum 1-hour Value	6.3	3.8	2.9
Maximum 4-hour Value	5.7	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)
KURRAJONG HEIGHTS			
Bells Line of Road			
ALL HOURS IN MONTH:			
% Sampling Time	96	96	96
Average	1.9	1.8	1.9
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.1	2.6	2.5
90-percentile Value	4.3	3.4	2.9
Maximum 1-hour Value	5.3	3.8	3.4
Maximum 4-hour Value	4.6	3.6	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)
RICHMOND			
University Of Western Sydney			
Vines Rd			
ALL HOURS IN MONTH:			
% Sampling Time	93	90	95
Average	1.3	1.2	1.4
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.3	2.7	2.6
90-percentile Value	4.4	3.7	3.0
Maximum 1-hour Value	6.9	4.2	3.1
Maximum 4-hour Value	5.8	3.7	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)

*** Data not available

2002 Data

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

TABLE 1 (Cont'd)
OZONE (O₃)

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

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

MONITORING SITE	APR	MAY	JUN
North West Sydney region (Cont'd)			
ST MARYS			
Mamre Rd			
ALL HOURS IN MONTH:			
% Sampling Time	95	95	95
Average	1.3	1.1	1.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.6	2.8	2.4
90-percentile Value	4.9	3.8	2.9
Maximum 1-hour Value	6.9	4.3	3.2
Maximum 4-hour Value	6.3	4.0	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 (2)	0 (0)	0 (0)
No. Days Above Goal	0 (1)	0 (0)	0 (0)
VINEYARD			
Castle Hill STP			
Bandon Rd			
ALL HOURS IN MONTH:			
% Sampling Time	96	96	96
Average	1.5	1.3	1.6
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.7	3.0	2.8
90-percentile Value	5.1	4.0	3.2
Maximum 1-hour Value	6.8	4.5	3.5
Maximum 4-hour Value	6.3	4.2	3.5
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 (2)	0 (0)	0 (0)
No. Days Above Goal	0 (1)	0 (0)	0 (0)
WESTMEAD			
Westmead Hospital			
Hainsworth St			
ALL HOURS IN MONTH:			
% Sampling Time	92	68	96
Average	1.1	0.7	1.0
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.0	2.2	2.2
90-percentile Value	4.3	3.3	2.8
Maximum 1-hour Value	5.3	3.6	2.8
Maximum 4-hour Value	4.6	3.3	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

2002 Data

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

TABLE 1 (Cont'd)
OZONE (O₃)

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

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

MONITORING SITE	APR	MAY	JUN
South West Sydney region			
BARGO			
Silica Rd			
ALL HOURS IN MONTH:			
% Sampling Time	74	96	95
Average	1.6	1.5	1.9
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.0	2.8	2.8
90-percentile Value	4.5	3.2	3.1
Maximum 1-hour Value	5.7	4.2	3.1
Maximum 4-hour Value	5.2	3.9	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)
BRINGELLY			
Ramsay Rd			
ALL HOURS IN MONTH:			
% Sampling Time	95	95	95
Average	1.4	1.2	1.2
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.6	2.8	2.6
90-percentile Value	5.3	3.7	3.0
Maximum 1-hour Value	6.6	4.2	3.2
Maximum 4-hour Value	5.8	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)
LIVERPOOL			
Rose St			
ALL HOURS IN MONTH:			
% Sampling Time	95	96	95
Average	1.0	0.9	1.0
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.2	2.4	2.3
90-percentile Value	5.1	3.5	2.8
Maximum 1-hour Value	5.6	3.8	2.9
Maximum 4-hour Value	4.8	3.5	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)

*** Data not available

2002 Data

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

TABLE 1 (Cont'd)
OZONE (O₃)

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

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	95	96	68
Average	1.7	1.8	1.8
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.9	2.8	2.5
90-percentile Value	4.1	3.4	2.8
Maximum 1-hour Value	4.8	3.6	2.9
Maximum 4-hour Value	4.1	3.5	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)
KEMBLA GRANGE			
Kembla Grange Racecourse			
Princes Hwy			
ALL HOURS IN MONTH:			
% Sampling Time	74	96	95
Average	1.3	1.4	1.8
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.8	2.7	2.7
90-percentile Value	3.9	3.4	3.1
Maximum 1-hour Value	5.7	3.7	3.2
Maximum 4-hour Value	5.0	3.6	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	95	96	95
Average	1.7	1.5	1.7
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.0	2.7	2.6
90-percentile Value	3.9	3.6	3.0
Maximum 1-hour Value	6.2	3.9	3.2
Maximum 4-hour Value	5.1	3.8	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)

*** Data not available

2002 Data

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

TABLE 1 (Cont'd)
OZONE (O₃)

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

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

MONITORING SITE	APR	MAY	JUN
Illawarra region (Cont'd)			
WOLLONGONG			
Gipps St			
ALL HOURS IN MONTH:			
% Sampling Time	95	95	95
Average	1.4	1.3	1.5
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.0	2.6	2.5
90-percentile Value	3.7	3.5	2.9
Maximum 1-hour Value	6.0	3.9	3.1
Maximum 4-hour Value	5.0	3.7	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)
Lower Hunter region			
BERESFIELD			
Francis Greenway			
High School			
ALL HOURS IN MONTH:			
% Sampling Time	74	95	95
Average	1.2	1.1	1.3
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.9	2.4	2.3
90-percentile Value	4.0	3.0	2.8
Maximum 1-hour Value	5.3	3.7	3.1
Maximum 4-hour Value	4.6	3.6	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)
NEWCASTLE			
Athletics Field			
Smith St			
ALL HOURS IN MONTH:			
% Sampling Time	95	96	96
Average	1.6	1.4	1.3
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.2	2.8	2.3
90-percentile Value	4.6	3.4	2.9
Maximum 1-hour Value	4.8	5.1	3.3
Maximum 4-hour Value	4.4	4.8	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 (0)	0 (0)	0 (0)
No. Days Above Goal	0 (0)	0 (0)	0 (0)

*** Data not available

2002 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		96	82	95
Average		1.3	1.3	1.4
DAILY 1-HOUR MAXIMA:				
Monthly Average		3.0	2.7	2.4
90-percentile Value		4.1	3.8	3.1
Maximum 1-hour Value		4.9	4.3	3.3
Maximum 4-hour Value		4.5	3.7	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)

*** Data not available

2002 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				
EARLWOOD				
Beaman Park				
Riverview Rd	ALL HOURS IN MONTH:			
	% Sampling Time	96	95	95
	Average	1.3	1.6	1.7
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	2.3	2.6	3.0
	90-percentile Value	3.3	3.5	4.3
	Maximum 1-hour Value	3.7	5.3	5.4
	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
LIDCOMBE				
EPA Laboratories				
Weeroona Rd	ALL HOURS IN MONTH:			
	% Sampling Time	94	***	***
	Average	1.7	***	***
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	2.9	***	***
	90-percentile Value	4.0	***	***
	Maximum 1-hour Value	5.2	***	***
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	***	***
	No. Days Above Level	0	***	***
	NSW GOV'T LONG TERM GOAL:			
	No. Hours Above Goal	0	***	***
	No. Days Above Goal	0	***	***
LINDFIELD				
Bradfield Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	92	95	92
	Average	1.2	1.5	1.3
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	2.2	2.6	2.4
	90-percentile Value	3.0	3.4	3.1
	Maximum 1-hour Value	3.7	4.2	4.5
	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

*** Data not available

2002 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	89
	Average	1.0	1.8
	DAILY 1-HOUR MAXIMA:		
	Monthly Average	2.3	3.0
	90-percentile Value	3.4	3.7
	Maximum 1-hour Value	4.1	4.1
	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
ROZELLE			
Rozelle Hospital			
Balmain Rd	ALL HOURS IN MONTH:		
	% Sampling Time	91	95
	Average	1.6	1.7
	DAILY 1-HOUR MAXIMA:		
	Monthly Average	3.0	2.9
	90-percentile Value	3.7	3.7
	Maximum 1-hour Value	8.6	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
SYDNEY			
Grace Bros			
Cnr George & Market	ALL HOURS IN MONTH:		
	% Sampling Time	95	73
	Average	3.0	3.0
	DAILY 1-HOUR MAXIMA:		
	Monthly Average	5.1	4.5
	90-percentile Value	6.6	5.8
	Maximum 1-hour Value	10.6	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	1	0
	No. Days Above Goal	1	0

*** Data not available

2002 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)			
WOOLOOWARE			
Woolooware Rd			
ALL HOURS IN MONTH:			
% Sampling Time	95	92	88
Average	0.9	1.1	1.4
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.0	2.2	2.6
90-percentile Value	3.0	3.3	3.8
Maximum 1-hour Value	4.7	4.9	5.7
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
North West Sydney region			
BLACKTOWN			
Flushcombe Rd			
ALL HOURS IN MONTH:			
% Sampling Time	95	91	96
Average	1.5	1.6	1.3
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.7	2.8	2.5
90-percentile Value	3.9	4.3	3.3
Maximum 1-hour Value	4.7	5.2	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
KURRAJONG HEIGHTS			
Bells Line of Road			
ALL HOURS IN MONTH:			
% Sampling Time	96	96	95
Average	0.5	0.5	0.6
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.4	1.3	1.5
90-percentile Value	2.4	2.3	2.2
Maximum 1-hour Value	2.9	2.5	2.8
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

2002 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)			
RICHMOND			
University Of Western Sydney			
Vines Rd			
ALL HOURS IN MONTH:			
% Sampling Time	93	96	89
Average	0.8	0.8	0.6
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.9	1.9	1.5
90-percentile Value	2.5	2.6	2.1
Maximum 1-hour Value	2.8	3.4	2.4
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
ST MARYS			
Mamre Rd			
ALL HOURS IN MONTH:			
% Sampling Time	96	95	95
Average	0.9	0.9	0.9
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.1	2.2	2.0
90-percentile Value	3.0	3.1	2.6
Maximum 1-hour Value	3.4	4.0	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	96	96	96
Average	0.9	1.0	0.8
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.0	2.2	1.8
90-percentile Value	2.8	3.0	2.8
Maximum 1-hour Value	3.9	4.8	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

2002 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)			
WESTMEAD			
Westmead Hospital			
Hainsworth St			
ALL HOURS IN MONTH:			
% Sampling Time	95	88	95
Average	1.4	1.6	1.4
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.5	2.8	2.4
90-percentile Value	3.3	4.1	2.9
Maximum 1-hour Value	3.9	4.7	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
South West Sydney region			
BARGO			
Silica Rd			
ALL HOURS IN MONTH:			
% Sampling Time	54	96	95
Average	0.9	0.9	0.7
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.3	2.0	1.7
90-percentile Value	3.5	3.3	2.6
Maximum 1-hour Value	4.0	3.7	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
BRINGELLY			
Ramsay Rd			
ALL HOURS IN MONTH:			
% Sampling Time	74	95	95
Average	0.7	0.7	0.7
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.7	1.6	1.6
90-percentile Value	3.0	2.4	2.3
Maximum 1-hour Value	3.4	2.7	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

2002 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 (Cont'd)				
CAMDEN				
Camden Airport				
Aerodrome Rd	ALL HOURS IN MONTH:			
	% Sampling Time	***	***	27
	Average	***	***	0.5
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	***	***	1.3
	90-percentile Value	***	***	2.4
	Maximum 1-hour Value	***	***	2.4
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	***	***	0
	No. Days Above Level	***	***	0
	NSW GOV'T LONG TERM GOAL:			
	No. Hours Above Goal	***	***	0
	No. Days Above Goal	***	***	0
LIVERPOOL				
Rose St				
	ALL HOURS IN MONTH:			
	% Sampling Time	95	96	95
	Average	1.6	1.7	1.6
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	2.9	2.9	2.7
	90-percentile Value	4.3	4.1	3.3
	Maximum 1-hour Value	4.8	4.7	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
OAKDALE				
Ridge Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	95	68	73
	Average	0.3	0.2	0.1
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.0	0.8	0.4
	90-percentile Value	2.5	1.7	1.1
	Maximum 1-hour Value	3.0	2.2	1.6
	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

*** Data not available

2002 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			
ALBION PARK			
Croome Rd			
ALL HOURS IN MONTH:			
% Sampling Time	95	93	77
Average	0.6	0.4	0.5
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.4	1.1	1.2
90-percentile Value	3.3	2.3	2.4
Maximum 1-hour Value	4.2	4.8	2.6
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
KEMBLA GRANGE			
Kembla Grange Racecourse			
Princes Hwy			
ALL HOURS IN MONTH:			
% Sampling Time	95	95	95
Average	0.9	0.8	0.7
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.9	1.7	1.7
90-percentile Value	3.3	2.7	2.7
Maximum 1-hour Value	3.8	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
WARRAWONG			
Carlotta Cres			
ALL HOURS IN MONTH:			
% Sampling Time	95	96	95
Average	0.9	1.0	1.0
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.2	2.2	2.1
90-percentile Value	3.3	3.4	3.2
Maximum 1-hour Value	5.2	3.8	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

*** Data not available

2002 Data

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

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

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

MONITORING SITE	APR	MAY	JUN
Illawarra region (Cont'd)			
WOLLONGONG			
Gipps St			
ALL HOURS IN MONTH:			
% Sampling Time	95	95	95
Average	1.2	1.2	1.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.4	2.4	2.3
90-percentile Value	3.6	3.3	3.0
Maximum 1-hour Value	5.5	4.1	3.7
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
Lower Hunter region			
BERESFIELD			
Francis Greenway			
High School			
ALL HOURS IN MONTH:			
% Sampling Time	96	94	93
Average	1.1	1.3	1.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.0	2.4	2.2
90-percentile Value	3.2	3.0	2.8
Maximum 1-hour Value	3.7	5.0	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
NEWCASTLE			
Athletics Field			
Smith St			
ALL HOURS IN MONTH:			
% Sampling Time	95	95	95
Average	0.9	1.1	1.2
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.9	2.3	2.2
90-percentile Value	2.8	3.4	2.7
Maximum 1-hour Value	4.0	4.1	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

2002 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	83	69	66
	Average	0.9	1.1	1.0
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.8	2.2	2.0
	90-percentile Value	2.5	3.8	2.7
	Maximum 1-hour Value	2.8	4.3	2.8
	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

2002 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							
EARLWOOD							
Beaman Park							
Riverview Rd	ALL HOURS IN MONTH:						
	% Sampling Time	96	96	95	95	95	95
	Average	4.8	3.4	7.5	5.8	8.5	6.8
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	15.8	14.0	22.9	20.8	24.9	22.5
	90-percentile Value	29.2	28.0	40.2	38.2	51.8	48.6
	Maximum 1-hour Value	34.3	33.1	43.6	40.9	64.2	59.9
LIDCOMBE							
EPA Laboratories							
Weeroona Rd	ALL HOURS IN MONTH:						
	% Sampling Time	94	94	***	***	***	***
	Average	4.4	2.7	***	***	***	***
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	13.1	10.8	***	***	***	***
	90-percentile Value	19.4	16.8	***	***	***	***
	Maximum 1-hour Value	23.6	21.3	***	***	***	***
LINDFIELD							
Bradfield Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	92	92	95	95	92	92
	Average	2.5	1.3	3.6	2.2	3.8	2.5
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	6.4	4.9	9.0	7.2	11.1	9.1
	90-percentile Value	9.2	7.6	14.0	11.9	21.9	19.9
	Maximum 1-hour Value	10.6	9.2	15.9	14.1	28.9	25.7
RANDWICK							
Randwick Barracks							
Cnr Avoca & Bundock Sts	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	95	95	89	89
	Average	2.4	1.4	4.4	2.8	5.0	3.2
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	8.8	6.9	12.5	10.1	13.8	11.2
	90-percentile Value	14.9	12.4	22.0	19.7	27.5	24.3
	Maximum 1-hour Value	19.1	17.5	33.1	29.9	43.8	39.9
ROZELLE							
Rozelle Hospital							
Balmain Rd	ALL HOURS IN MONTH:						
	% Sampling Time	91	91	88	88	95	95
	Average	3.3	1.7	4.9	3.0	4.9	3.3
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	9.1	6.9	13.0	10.5	14.5	12.0
	90-percentile Value	14.4	11.9	20.1	17.7	26.4	23.7
	Maximum 1-hour Value	16.3	14.7	29.0	26.5	35.6	32.2

*** Data not available

2002 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	95	95	92	92	73	73
	Average	17.5	14.4	17.7	14.3	14.6	11.7
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	35.1	30.4	35.5	30.6	29.8	25.6
	90-percentile Value	50.2	44.7	54.0	47.6	45.6	40.2
	Maximum 1-hour Value	75.4	63.6	61.5	55.4	53.6	47.2
WOOLOOWARE							
Woolooware Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	92	92	88	88
	Average	1.7	0.8	2.5	1.4	4.1	2.8
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	5.3	3.8	8.1	6.3	11.5	9.6
	90-percentile Value	9.2	7.4	16.5	14.9	24.8	21.1
	Maximum 1-hour Value	12.0	10.2	29.1	25.9	33.8	31.8
North West Sydney region							
BLACKTOWN							
Flushcombe Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	91	91	96	96
	Average	3.4	1.9	4.3	2.7	4.3	3.0
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	10.7	8.8	12.5	10.2	14.1	11.8
	90-percentile Value	18.1	16.3	23.8	20.4	26.0	23.9
	Maximum 1-hour Value	20.9	19.1	26.3	24.0	39.3	35.9
KURRAJONG HEIGHTS							
Bells Line of Road							
	ALL HOURS IN MONTH:						
	% Sampling Time	96	96	96	96	95	95
	Average	1.1	0.6	1.3	0.8	1.4	0.9
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	3.4	2.3	4.3	3.2	4.8	3.5
	90-percentile Value	5.9	3.9	8.4	6.5	7.1	5.3
	Maximum 1-hour Value	7.8	5.6	11.6	9.3	10.2	8.0
RICHMOND							
University Of Western Sydney							
Vines Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	93	93	96	96	89	89
	Average	1.3	0.5	1.7	1.0	1.8	1.2
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	3.1	1.8	4.4	3.2	4.9	3.9
	90-percentile Value	4.3	3.0	7.6	5.8	9.0	8.2
	Maximum 1-hour Value	4.8	3.3	8.1	7.1	11.9	10.3

*** Data not available

2002 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)							
ST MARYS							
Mamre Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	96	96	95	95	95	95
	Average	1.8	0.9	2.7	1.8	3.1	2.2
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	5.6	4.2	9.6	8.2	10.5	9.0
	90-percentile Value	10.6	9.5	17.2	15.5	17.4	15.2
	Maximum 1-hour Value	14.8	13.9	21.3	19.3	20.4	18.7
VINEYARD							
Castle Hill STP							
Bandon Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	96	96	96	96	96	96
	Average	1.4	0.5	1.8	0.8	1.8	1.1
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	3.5	2.2	4.5	2.9	5.2	3.9
	90-percentile Value	4.9	4.0	8.1	5.7	9.2	8.0
	Maximum 1-hour Value	11.6	8.5	9.3	8.1	15.1	13.1
WESTMEAD							
Westmead Hospital							
Hainsworth St							
	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	88	88	95	95
	Average	4.2	2.9	6.0	4.4	6.2	4.9
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	13.1	11.5	16.5	14.5	18.1	16.2
	90-percentile Value	19.1	17.2	24.9	23.4	33.5	31.3
	Maximum 1-hour Value	25.0	23.0	49.4	44.7	48.3	45.4
South West Sydney region							
BARGO							
Silica Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	54	54	96	96	95	95
	Average	1.8	0.9	2.1	1.2	1.8	1.2
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	7.6	5.6	8.5	6.7	7.9	6.3
	90-percentile Value	14.4	11.3	19.8	16.5	17.4	15.2
	Maximum 1-hour Value	15.1	12.6	22.0	20.0	22.3	19.8
BRINGELLY							
Ramsay Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	74	74	95	95	95	95
	Average	1.3	0.6	1.6	0.9	2.0	1.3
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	2.7	1.9	4.0	3.0	4.7	3.8
	90-percentile Value	4.1	3.2	6.5	5.2	7.3	6.7
	Maximum 1-hour Value	4.3	3.6	7.0	5.5	8.7	7.6

*** Data not available

2002 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
South West Sydney region (Cont'd)							
CAMDEN							
Camden Airport							
Aerodrome Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	***	***	***	***	27	27
	Average	***	***	***	***	1.1	0.6
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	***	***	***	***	3.0	2.0
	90-percentile Value	***	***	***	***	6.7	5.6
	Maximum 1-hour Value	***	***	***	***	6.8	5.8
LIVERPOOL							
Rose St							
	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	96	96	95	95
	Average	4.8	3.2	5.9	4.3	6.9	5.3
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	14.2	12.4	19.1	16.9	22.1	19.9
	90-percentile Value	23.9	22.1	32.3	29.8	44.2	41.1
	Maximum 1-hour Value	26.0	23.7	37.7	34.5	46.2	42.9
OAKDALE							
Ridge Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	68	68	73	73
	Average	0.3	0.0	0.2	0.0	0.1	0.0
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	1.1	0.1	0.7	0.1	0.4	0.1
	90-percentile Value	2.6	0.2	1.7	0.1	1.1	0.2
	Maximum 1-hour Value	3.2	0.6	2.2	0.2	1.5	0.5
Illawarra region							
ALBION PARK							
Croome Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	93	93	77	77
	Average	0.8	0.2	0.6	0.2	0.8	0.3
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	2.3	1.1	2.0	1.0	2.6	1.7
	90-percentile Value	5.3	2.9	4.7	2.8	7.1	5.3
	Maximum 1-hour Value	6.1	4.3	6.4	3.9	8.7	6.7
KEMBLA GRANGE							
Kembla Grange Racecourse							
Princes Hwy							
	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	95	95	95	95
	Average	1.4	0.6	1.5	0.8	1.6	0.9
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	4.1	2.9	5.1	4.0	5.3	3.9
	90-percentile Value	8.4	7.3	10.6	9.6	13.1	11.6
	Maximum 1-hour Value	11.6	10.3	13.8	12.7	17.6	15.6

*** Data not available

2002 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	95	95	96	96	95	95
	Average	1.5	0.6	1.9	0.8	1.9	0.9
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	4.8	2.9	5.8	3.9	6.1	4.3
	90-percentile Value	7.9	5.5	13.0	10.3	12.0	10.0
	Maximum 1-hour Value	12.3	8.8	14.4	13.6	24.7	21.5
WOLLONGONG							
Gipps St							
	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	95	95	95	95
	Average	2.6	1.5	3.8	2.6	3.5	2.4
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	8.5	6.6	12.4	10.4	13.2	11.3
	90-percentile Value	16.2	14.6	26.6	25.1	31.4	29.0
	Maximum 1-hour Value	25.5	22.0	38.5	35.0	42.6	41.1
Lower Hunter region							
BERESFIELD							
Francis Greenway							
High School							
	ALL HOURS IN MONTH:						
	% Sampling Time	96	96	94	94	93	93
	Average	2.5	1.5	3.2	1.9	2.5	1.4
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	7.7	6.3	9.1	7.4	7.6	5.7
	90-percentile Value	13.4	12.6	19.9	17.2	17.3	15.9
	Maximum 1-hour Value	18.0	15.5	25.4	22.9	26.2	24.7
NEWCASTLE							
Athletics Field							
Smith St							
	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	95	95	95	95
	Average	1.8	1.0	2.7	1.6	3.0	1.8
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	6.2	4.8	8.1	6.2	9.1	7.2
	90-percentile Value	10.8	8.9	18.5	15.8	27.6	26.0
	Maximum 1-hour Value	16.0	14.3	20.2	17.1	37.2	35.2
WALLSEND							
Swimming Pool							
Frances St							
	ALL HOURS IN MONTH:						
	% Sampling Time	83	83	69	69	66	66
	Average	1.8	0.9	2.4	1.4	2.5	1.6
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	5.1	3.9	6.4	5.0	7.4	5.8
	90-percentile Value	9.0	7.8	14.9	13.4	15.9	14.6
	Maximum 1-hour Value	10.7	8.8	20.7	18.8	20.6	18.4

*** Data not available

2002 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				
EARLWOOD				
Beaman Park				
Riverview Rd				
	% Sampling Time	99	99	99
	Monthly Average	0.3	0.3	0.3
	90-percentile Value	0.5	0.7	0.9
	Maximum 24-hour Average	0.8	0.7	0.9
	Maximum 1-hour Value	2.0	1.5	2.1
LIDCOMBE				
EPA Laboratories				
Weeroona Rd				
	% Sampling Time	98	***	***
	Monthly Average	0.2	***	***
	90-percentile Value	0.4	***	***
	Maximum 24-hour Average	0.6	***	***
	Maximum 1-hour Value	1.4	***	***
RANDWICK				
Randwick Barracks				
Cnr Avoca & Bundock Sts				
	% Sampling Time	99	99	92
	Monthly Average	0.2	0.3	0.2
	90-percentile Value	0.4	0.6	0.6
	Maximum 24-hour Average	0.6	0.6	0.7
	Maximum 1-hour Value	1.6	1.3	1.6
ROZELLE				
Rozelle Hospital				
Balmain Rd				
	% Sampling Time	94	99	81
	Monthly Average	0.2	0.3	0.3
	90-percentile Value	0.4	0.6	0.7
	Maximum 24-hour Average	0.6	0.6	0.8
	Maximum 1-hour Value	1.3	1.2	1.5
WOOLLOOWARE				
Woollooware Rd				
	% Sampling Time	99	98	91
	Monthly Average	0.2	0.2	0.2
	90-percentile Value	0.4	0.4	0.5
	Maximum 24-hour Average	0.5	0.5	0.6
	Maximum 1-hour Value	1.1	0.8	1.5

*** Data not available

2002 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	98	99
Monthly Average	0.3	0.3	0.4
90-percentile Value	0.6	0.7	0.9
Maximum 24-hour Average	0.5	0.6	1.1
Maximum 1-hour Value	1.4	1.5	2.2
RICHMOND			
University Of Western Sydney			
Vines Rd			
% Sampling Time	99	99	99
Monthly Average	0.3	0.2	0.3
90-percentile Value	0.5	0.4	0.6
Maximum 24-hour Average	0.6	0.5	0.8
Maximum 1-hour Value	1.9	1.3	1.8
ST MARYS			
Mamre Rd			
% Sampling Time	99	99	99
Monthly Average	0.2	0.2	0.3
90-percentile Value	0.4	0.4	0.7
Maximum 24-hour Average	0.5	0.4	0.6
Maximum 1-hour Value	1.4	1.0	1.2
WESTMEAD			
Westmead Hospital			
Hainsworth St			
% Sampling Time	99	95	100
Monthly Average	0.2	0.3	0.4
90-percentile Value	0.4	0.6	1.0
Maximum 24-hour Average	0.4	0.8	1.0
Maximum 1-hour Value	0.9	1.7	2.1
South West Sydney region			
BARGO			
Silica Rd			
% Sampling Time	76	99	91
Monthly Average	0.3	0.2	0.2
90-percentile Value	0.5	0.5	0.5
Maximum 24-hour Average	0.7	1.1	0.6
Maximum 1-hour Value	1.3	8.8	2.3

*** Data not available

2002 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	97	99	84
Monthly Average	0.2	0.2	0.3
90-percentile Value	0.4	0.4	0.7
Maximum 24-hour Average	0.5	0.5	0.7
Maximum 1-hour Value	1.5	1.2	1.6
LIVERPOOL			
Rose St			
% Sampling Time	99	99	99
Monthly Average	0.3	0.3	0.4
90-percentile Value	0.5	0.6	0.9
Maximum 24-hour Average	0.6	0.7	0.8
Maximum 1-hour Value	1.4	1.5	2.0
OAKDALE			
Ridge Rd			
% Sampling Time	98	42	76
Monthly Average	0.2	0.1	0.1
90-percentile Value	0.4	0.2	0.2
Maximum 24-hour Average	0.5	0.2	0.2
Maximum 1-hour Value	1.0	0.5	0.7
Illawarra region			
ALBION PARK			
Croome Rd			
% Sampling Time	98	99	80
Monthly Average	0.2	0.2	0.1
90-percentile Value	0.4	0.3	0.3
Maximum 24-hour Average	0.7	0.4	0.3
Maximum 1-hour Value	1.6	0.9	0.8
KEMBLA GRANGE			
Kembla Grange Racecourse			
Princes Hwy			
% Sampling Time	99	99	99
Monthly Average	0.2	0.2	0.1
90-percentile Value	0.4	0.3	0.3
Maximum 24-hour Average	0.6	0.4	0.3
Maximum 1-hour Value	1.1	0.7	0.6

*** Data not available

2002 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
Illawarra region (Cont'd)				
WOLLONGONG				
Gipps St				
	% Sampling Time	98	98	99
	Monthly Average	0.1	0.1	0.1
	90-percentile Value	0.2	0.2	0.3
	Maximum 24-hour Average	0.2	0.2	0.3
	Maximum 1-hour Value	0.4	0.3	0.9
Lower Hunter region				
BERESFIELD				
Francis Greenway				
High School				
	% Sampling Time	99	98	99
	Monthly Average	0.2	0.2	0.2
	90-percentile Value	0.3	0.4	0.5
	Maximum 24-hour Average	0.5	0.5	0.6
	Maximum 1-hour Value	1.3	1.3	1.5
NEWCASTLE				
Athletics Field				
Smith St				
	% Sampling Time	92	99	99
	Monthly Average	0.2	0.2	0.2
	90-percentile Value	0.3	0.4	0.5
	Maximum 24-hour Average	0.4	0.5	0.8
	Maximum 1-hour Value	0.8	1.0	1.7
WALLSEND				
Swimming Pool				
Frances St				
	% Sampling Time	99	75	87
	Monthly Average	0.1	0.2	0.2
	90-percentile Value	0.3	0.4	0.6
	Maximum 24-hour Average	0.2	0.4	0.6
	Maximum 1-hour Value	0.6	0.9	1.5
Central Tablelands region				
BATHURST				
Wastewater Treatment Plant				
Off Morrisset St				
	% Sampling Time	88	100	100
	Monthly Average	0.2	0.3	0.3
	90-percentile Value	0.4	0.5	0.8
	Maximum 24-hour Average	0.5	0.5	0.7
	Maximum 1-hour Value	1.6	1.1	2.1

*** Data not available

2002 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	6	5
	Monthly Average	34	35	47
	Highest Value	42	58	56
ROZELLE				
Rozelle Hospital				
Balmain Rd				
	Number of Samples	4	6	5
	Monthly Average	50	41	48
	Highest Value	60	77	71
SYDNEY				
Grace Bros				
Cnr George & Market				
	Number of Samples	5	6	5
	Monthly Average	56	56	56
	Highest Value	63	71	83
Illawarra region				
PORT KEMBLA				
Cnr Church & Kembla Sts				
	Number of Samples	5	6	5
	Monthly Average	55	33	50
	Highest Value	101	59	67
PORT KEMBLA				
Cnr Blaxland Ave				
& Flagstaff Rd				
	Number of Samples	5	6	5
	Monthly Average	81	30	48
	Highest Value	149	61	86
PORT KEMBLA				
Fire Station				
Military Road				
	Number of Samples	4	6	5
	Monthly Average	62	50	62
	Highest Value	103	84	85
WARRAWONG				
Carlotta Cres				
	Number of Samples	5	6	5
	Monthly Average	62	41	46
	Highest Value	103	56	84

*** Data not available

2002 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	4	6	5
	Monthly Average	16	18	25
	Highest Value	20	31	36
LINDFIELD				
Bradfield Rd				
	Number of Samples	5	5	5
	Monthly Average	14	13	18
	Highest Value	18	21	25
ROZELLE				
Rozelle Hospital				
Balmain Rd				
	Number of Samples	4	6	5
	Monthly Average	23	18	23
	Highest Value	42	32	37
SYDNEY				
Grace Bros				
Cnr George & Market				
	Number of Samples	4	6	5
	Monthly Average	26	25	27
	Highest Value	31	36	43
North West Sydney region				
BLACKTOWN				
Flushcombe Rd				
	Number of Samples	5	6	5
	Monthly Average	14	16	22
	Highest Value	23	31	36
RICHMOND				
University Of Western Sydney				
Vines Rd				
	Number of Samples	5	6	5
	Monthly Average	14	13	15
	Highest Value	20	21	25
Illawarra region				
ALBION PARK				
Croome Rd				
	Number of Samples	5	6	4
	Monthly Average	19	13	15
	Highest Value	31	38	21

*** Data not available

2002 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
Illawarra region (Cont'd)				
KEMBLA GRANGE				
Kembla Grange Racecourse				
Princes Hwy				
	Number of Samples	5	6	5
	Monthly Average	17	16	18
	Highest Value	27	31	29
WARRAWONG				
Carlotta Cres				
	Number of Samples	5	6	5
	Monthly Average	29	22	26
	Highest Value	41	29	43
WOLLONGONG				
Gipps St				
	Number of Samples	5	6	5
	Monthly Average	16	14	15
	Highest Value	25	28	23
Lower Hunter region				
BERESFIELD				
Francis Greenway				
High School				
	Number of Samples	5	3	5
	Monthly Average	14	18	14
	Highest Value	15	23	25
NEWCASTLE				
Athletics Field				
Smith St				
	Number of Samples	5	4	5
	Monthly Average	18	15	20
	Highest Value	20	19	33
WALLSEND				
Swimming Pool				
Frances St				
	Number of Samples	4	2	4
	Monthly Average	12	14	18
	Highest Value	14	17	23

*** Data not available

2002 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				
EARLWOOD				
Beaman Park				
Riverview Rd	ALL HOURS IN MONTH:			
	% Sampling Time	99	98	99
	Average	18	19	21
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	35	39	43
	90-percentile Value	52	53	73
	Maximum 1-hour Value	65	172	83
	Maximum 24-hour Value	26	41	38
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0
LIDCOMBE				
EPA Laboratories				
Weeroona Rd	ALL HOURS IN MONTH:			
	% Sampling Time	90	***	***
	Average	17	***	***
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	35	***	***
	90-percentile Value	49	***	***
	Maximum 1-hour Value	61	***	***
	Maximum 24-hour Value	26	***	***
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	***	***
LINDFIELD				
Bradfield Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	91	97	96
	Average	14	13	14
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	35	33	29
	90-percentile Value	52	56	42
	Maximum 1-hour Value	55	64	76
	Maximum 24-hour Value	22	24	25
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0

*** Data not available

2002 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)				
RANDWICK				
Randwick Barracks				
Cnr Avoca & Bundock Sts	ALL HOURS IN MONTH:			
	% Sampling Time	98	100	86
	Average	16	16	16
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	29	30	31
	90-percentile Value	41	48	41
	Maximum 1-hour Value	42	57	65
	Maximum 24-hour Value	26	28	26
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0
WOOLLOOWARE				
Woollooware Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	99	98	61
	Average	16	14	18
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	33	25	34
	90-percentile Value	48	39	56
	Maximum 1-hour Value	135	58	61
	Maximum 24-hour Value	27	28	27
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0
North West Sydney region				
BLACKTOWN				
Flushcombe Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	95	91	91
	Average	17	16	17
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	31	31	39
	90-percentile Value	42	48	64
	Maximum 1-hour Value	50	55	75
	Maximum 24-hour Value	26	32	29
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0
RICHMOND				
University Of Western Sydney				
Vines Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	84	97	99
	Average	16	15	13
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	39	35	27
	90-percentile Value	76	66	42
	Maximum 1-hour Value	132	101	72
	Maximum 24-hour Value	30	31	26
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0

*** Data not available

2002 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)			
ST MARYS			
Mamre Rd			
ALL HOURS IN MONTH:			
% Sampling Time	89	86	97
Average	15	15	13
DAILY 1-HOUR MAXIMA:			
Monthly Average	34	41	29
90-percentile Value	54	89	40
Maximum 1-hour Value	83	113	74
Maximum 24-hour Value	22	30	22
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0
VINEYARD			
Castle Hill STP			
Bandon Rd			
ALL HOURS IN MONTH:			
% Sampling Time	99	100	97
Average	16	16	17
DAILY 1-HOUR MAXIMA:			
Monthly Average	31	34	40
90-percentile Value	47	51	63
Maximum 1-hour Value	53	95	88
Maximum 24-hour Value	26	35	26
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0
WESTMEAD			
Westmead Hospital			
Hainsworth St			
ALL HOURS IN MONTH:			
% Sampling Time	***	63	87
Average	***	15	19
DAILY 1-HOUR MAXIMA:			
Monthly Average	***	33	43
90-percentile Value	***	50	78
Maximum 1-hour Value	***	95	82
Maximum 24-hour Value	***	23	32
NEPM STANDARD LEVEL:			
No. Days Above Level	***	0	0
South West Sydney region			
BRINGELLY			
Ramsay Rd			
ALL HOURS IN MONTH:			
% Sampling Time	99	81	90
Average	14	13	17
DAILY 1-HOUR MAXIMA:			
Monthly Average	32	32	34
90-percentile Value	51	72	51
Maximum 1-hour Value	62	84	77
Maximum 24-hour Value	24	29	31
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0

*** Data not available

2002 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)				
CAMPBELLTOWN				
Kanbyugal Reserve				
Cronulla Cres.	ALL HOURS IN MONTH:			
	% Sampling Time	64	97	97
	Average	15	12	15
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	34	29	39
	90-percentile Value	54	44	59
	Maximum 1-hour Value	71	150	158
	Maximum 24-hour Value	25	40	25
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0
LIVERPOOL				
Rose St				
	ALL HOURS IN MONTH:			
	% Sampling Time	85	99	96
	Average	18	17	20
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	33	39	47
	90-percentile Value	49	62	73
	Maximum 1-hour Value	60	118	96
	Maximum 24-hour Value	28	44	35
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0
Illawarra region				
ALBION PARK				
Croome Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	99	99	80
	Average	18	16	15
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	48	61	41
	90-percentile Value	95	189	82
	Maximum 1-hour Value	125	238	131
	Maximum 24-hour Value	36	49	33
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0
WARRAWONG				
Carlotta Cres				
	ALL HOURS IN MONTH:			
	% Sampling Time	73	27	65
	Average	21	22	16
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	42	40	38
	90-percentile Value	62	69	69
	Maximum 1-hour Value	67	90	98
	Maximum 24-hour Value	30	28	36
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0

*** Data not available

2002 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)			
WOLLONGONG			
Gipps St			
ALL HOURS IN MONTH:			
% Sampling Time	98	98	99
Average	17	15	15
DAILY 1-HOUR MAXIMA:			
Monthly Average	37	33	38
90-percentile Value	54	59	64
Maximum 1-hour Value	70	82	90
Maximum 24-hour Value	29	34	31
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0
Lower Hunter region			
BERESFIELD			
Francis Greenway			
High School			
ALL HOURS IN MONTH:			
% Sampling Time	90	91	93
Average	18	19	20
DAILY 1-HOUR MAXIMA:			
Monthly Average	34	37	48
90-percentile Value	45	65	109
Maximum 1-hour Value	79	87	151
Maximum 24-hour Value	35	38	51
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	1
WALLSEND			
Swimming Pool			
Frances St			
ALL HOURS IN MONTH:			
% Sampling Time	100	81	98
Average	15	15	17
DAILY 1-HOUR MAXIMA:			
Monthly Average	30	29	34
90-percentile Value	42	48	42
Maximum 1-hour Value	53	60	133
Maximum 24-hour Value	22	24	51
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	1
Central Tablelands region			
BATHURST			
Wastewater Treatment Plant			
Off Morrisset St			
ALL HOURS IN MONTH:			
% Sampling Time	99	94	75
Average	14	13	13
DAILY 1-HOUR MAXIMA:			
Monthly Average	33	31	29
90-percentile Value	53	51	41
Maximum 1-hour Value	106	92	178
Maximum 24-hour Value	24	32	52
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	1

*** Data not available

2002 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 Slopes region				
ALBURY				
Jelbart Park				
Cnr Kaylock Rd & Cambourne St	ALL HOURS IN MONTH:			
	% Sampling Time	96	96	99
	Average	22	20	16
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	48	45	49
	90-percentile Value	77	78	64
	Maximum 1-hour Value	92	100	421
	Maximum 24-hour Value	46	42	63
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	1
WAGGA WAGGA				
Cnr Morgan & Murray Sts				
	ALL HOURS IN MONTH:			
	% Sampling Time	98	99	96
	Average	27	28	26
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	63	72	75
	90-percentile Value	97	125	118
	Maximum 1-hour Value	131	239	352
	Maximum 24-hour Value	51	53	98
	NEPM STANDARD LEVEL:			
	No. Days Above Level	2	3	1
North West Slopes region				
TAMWORTH				
Hyman Park				
	ALL HOURS IN MONTH:			
	% Sampling Time	100	99	98
	Average	15	17	19
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	31	42	52
	90-percentile Value	50	68	86
	Maximum 1-hour Value	56	75	131
	Maximum 24-hour Value	26	31	66
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	1

*** Data not available

2002 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				
EARLWOOD				
Beaman Park				
Riverview Rd	ALL HOURS IN MONTH:			
	% Sampling Time	99	99	99
	Average	10	12	11
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	20	23	25
	90-percentile Value	29	36	43
	Maximum 1-hour Value	31	40	56
LIDCOMBE				
EPA Laboratories				
Weeroona Rd	ALL HOURS IN MONTH:			
	% Sampling Time	97	***	***
	Average	9	***	***
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	18	***	***
	90-percentile Value	25	***	***
	Maximum 1-hour Value	33	***	***
WOOLOOWARE				
Woolooware Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	94	98	84
	Average	9	9	10
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	17	16	21
	90-percentile Value	27	23	33
	Maximum 1-hour Value	35	42	42
North West Sydney region				
RICHMOND				
University Of Western Sydney				
Vines Rd	ALL HOURS IN MONTH:			
	% Sampling Time	92	52	94
	Average	9	8	8
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	22	18	20
	90-percentile Value	31	32	31
	Maximum 1-hour Value	38	37	38
WESTMEAD				
Westmead Hospital				
Hainsworth St	ALL HOURS IN MONTH:			
	% Sampling Time	99	94	***
	Average	10	12	***
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	23	25	***
	90-percentile Value	31	37	***
	Maximum 1-hour Value	44	54	***

*** Data not available

2002 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	99	85	99
Average	11	12	15
DAILY 1-HOUR MAXIMA:			
Monthly Average	20	25	35
90-percentile Value	29	40	54
Maximum 1-hour Value	36	49	72
Illawarra region			
WARRAWONG			
Carlotta Cres			
ALL HOURS IN MONTH:			
% Sampling Time	98	95	98
Average	10	8	10
DAILY 1-HOUR MAXIMA:			
Monthly Average	20	16	24
90-percentile Value	31	28	42
Maximum 1-hour Value	45	34	52
WOLLONGONG			
Gipps St			
ALL HOURS IN MONTH:			
% Sampling Time	99	95	99
Average	8	8	8
DAILY 1-HOUR MAXIMA:			
Monthly Average	16	14	16
90-percentile Value	25	28	27
Maximum 1-hour Value	32	31	30
Lower Hunter region			
BERESFIELD			
Francis Greenway			
High School			
ALL HOURS IN MONTH:			
% Sampling Time	99	90	99
Average	9	11	11
DAILY 1-HOUR MAXIMA:			
Monthly Average	18	19	23
90-percentile Value	27	34	44
Maximum 1-hour Value	46	51	54
WALLSEND			
Swimming Pool			
Frances St			
ALL HOURS IN MONTH:			
% Sampling Time	100	85	99
Average	9	9	10
DAILY 1-HOUR MAXIMA:			
Monthly Average	18	18	20
90-percentile Value	30	28	31
Maximum 1-hour Value	33	39	35

*** Data not available

2002 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	89	95	92
Average	0.1	0.1	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.5	0.5	0.4
90-percentile Value	1.0	1.3	0.9
Maximum 1-hour Value	1.3	1.9	0.9
Maximum 24-hour Value	0.4	0.3	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	89
Average	0.2	0.2	0.2
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.8	0.6	0.6
90-percentile Value	1.7	0.9	0.9
Maximum 1-hour Value	2.4	1.9	1.4
Maximum 24-hour Value	0.5	0.4	0.5
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)
WOOLOOWARE			
Woolooware Rd			
ALL HOURS IN MONTH:			
% Sampling Time	96	93	88
Average	0.1	0.0	0.0
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.4	0.2	0.2
90-percentile Value	0.9	0.7	0.5
Maximum 1-hour Value	1.6	0.8	0.6
Maximum 24-hour Value	0.3	0.2	0.1
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	93	96
Average	0.1	0.1	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.4	0.3	0.3
90-percentile Value	1.0	0.5	0.4
Maximum 1-hour Value	1.4	0.8	0.5
Maximum 24-hour Value	0.4	0.2	0.2
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)

*** Data not available

2002 Data

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

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)			
KURRAJONG HEIGHTS			
Bells Line of Road			
ALL HOURS IN MONTH:			
% Sampling Time	96	96	95
Average	0.1	0.1	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.4	0.2	0.5
90-percentile Value	0.7	0.6	1.0
Maximum 1-hour Value	3.6	1.3	3.7
Maximum 24-hour Value	0.4	0.3	0.6
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)
RICHMOND			
University Of Western Sydney			
Vines Rd			
ALL HOURS IN MONTH:			
% Sampling Time	96	96	89
Average	0.0	0.0	0.0
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.2	0.1	0.1
90-percentile Value	0.4	0.3	0.4
Maximum 1-hour Value	0.8	0.6	0.4
Maximum 24-hour Value	0.2	0.1	0.1
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	93	96	96
Average	0.1	0.0	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.2	0.2	0.2
90-percentile Value	0.6	0.4	0.4
Maximum 1-hour Value	0.7	0.6	0.6
Maximum 24-hour Value	0.2	0.1	0.2
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	73	90	81
Average	0.1	0.1	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.2	0.3	0.2
90-percentile Value	0.4	0.7	0.7
Maximum 1-hour Value	0.5	1.1	1.3
Maximum 24-hour Value	0.2	0.6	0.6
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)

*** Data not available

2002 Data

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

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
South West Sydney region (Cont'd)			
BRINGELLY			
Ramsay Rd			
ALL HOURS IN MONTH:			
% Sampling Time	89	95	95
Average	0.1	0.0	0.0
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.2	0.1	0.2
90-percentile Value	0.5	0.4	0.4
Maximum 1-hour Value	0.6	0.6	0.6
Maximum 24-hour Value	0.1	0.1	0.1
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)
Illawarra region			
ALBION PARK			
Croome Rd			
ALL HOURS IN MONTH:			
% Sampling Time	95	93	77
Average	0.2	0.1	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.7	0.3	0.4
90-percentile Value	2.5	1.0	1.5
Maximum 1-hour Value	2.9	2.2	2.2
Maximum 24-hour Value	0.7	0.4	0.3
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)
WARRAWONG			
Carlotta Cres			
ALL HOURS IN MONTH:			
% Sampling Time	95	96	95
Average	0.1	0.1	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.5	0.4	0.6
90-percentile Value	1.6	1.0	2.2
Maximum 1-hour Value	2.2	2.5	3.4
Maximum 24-hour Value	0.7	0.3	0.7
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)
WOLLONGONG			
Gipps St			
ALL HOURS IN MONTH:			
% Sampling Time	69	94	95
Average	0.2	0.1	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.0	0.4	0.3
90-percentile Value	1.9	1.0	0.8
Maximum 1-hour Value	2.9	2.3	1.4
Maximum 24-hour Value	0.6	0.3	0.2
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)

*** Data not available

2002 Data

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

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</i>				
BERESFIELD				
Francis Greenway				
High School	ALL HOURS IN MONTH:			
	% Sampling Time	96	94	93
	Average	0.1	0.3	0.3
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.5	1.1	1.0
	90-percentile Value	1.1	1.9	2.5
	Maximum 1-hour Value	2.4	2.5	3.0
	Maximum 24-hour Value	0.5	0.6	0.8
	NEPM STANDARD LEVEL:			
	No. Events Above Level	0 (0)	0 (0)	0 (0)
WALLSEND				
Swimming Pool				
Frances St	ALL HOURS IN MONTH:			
	% Sampling Time	93	79	94
	Average	0.2	0.3	0.3
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.9	1.5	1.1
	90-percentile Value	1.9	2.6	2.4
	Maximum 1-hour Value	2.5	4.5	3.6
	Maximum 24-hour Value	0.6	0.8	1.2
	NEPM STANDARD LEVEL:			
	No. Events Above Level	0 (0)	0 (0)	0 (0)

*** Data not available

2002 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				
ROZELLE				
Rozelle Hospital				
Balmain Rd	ALL HOURS IN MONTH:			
	% Sampling Time	90	87	85
	Average	0.3	0.4	0.4
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.0	1.4	1.4
	90-percentile Value	1.7	2.5	2.5
	Maximum 1-hour Value	2.1	3.2	2.7
	Maximum 8-hour Value	1.6	2.7	1.9
	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	90	92	84
	Average	1.4	1.4	1.1
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	3.2	3.2	2.8
	90-percentile Value	4.7	5.0	4.6
	Maximum 1-hour Value	5.4	5.4	5.4
	Maximum 8-hour Value	3.7	4.1	3.7
	NEPM STANDARD LEVEL:			
	No.Events Above Level	0	0	0
	No. Days Above Level	0	0	0
North West Sydney region				
BLACKTOWN				
Flushcombe Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	85	87	90
	Average	0.2	0.3	0.4
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.1	1.4	1.7
	90-percentile Value	2.2	3.0	3.3
	Maximum 1-hour Value	2.5	3.2	4.5
	Maximum 8-hour Value	1.8	2.6	2.4
	NEPM STANDARD LEVEL:			
	No.Events Above Level	0	0	0
	No. Days Above Level	0	0	0

*** Data not available

2002 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
South West Sydney region			
BRINGELLY			
Ramsay Rd			
ALL HOURS IN MONTH:			
% Sampling Time	73	***	88
Average	0.1	***	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.3	***	0.4
90-percentile Value	0.5	***	0.5
Maximum 1-hour Value	0.5	***	0.6
Maximum 8-hour Value	0.4	***	0.5
NEPM STANDARD LEVEL:			
No.Events Above Level	0	***	0
No. Days Above Level	0	***	0
South West Sydney region			
LIVERPOOL			
Rose St			
ALL HOURS IN MONTH:			
% Sampling Time	38	96	95
Average	0.5	0.6	0.7
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.2	1.8	2.3
90-percentile Value	2.0	3.0	4.1
Maximum 1-hour Value	2.3	3.4	4.5
Maximum 8-hour Value	1.7	2.4	3.3
NEPM STANDARD LEVEL:			
No.Events Above Level	0	0	0
No. Days Above Level	0	0	0
Illawarra region			
WOLLONGONG			
Gipps St			
ALL HOURS IN MONTH:			
% Sampling Time	94	94	95
Average	0.3	0.4	0.4
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.0	1.2	1.4
90-percentile Value	1.7	2.4	2.8
Maximum 1-hour Value	2.4	3.8	3.4
Maximum 8-hour Value	1.6	1.9	2.3
NEPM STANDARD LEVEL:			
No.Events Above Level	0	0	0
No. Days Above Level	0	0	0

*** Data not available

2002 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>Lower Hunter region</i>				
NEWCASTLE				
Athletics Field				
Smith St				
	ALL HOURS IN MONTH:			
	% Sampling Time	95	95	95
	Average	0.3	0.4	0.4
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.8	1.1	1.2
	90-percentile Value	1.6	2.3	3.3
	Maximum 1-hour Value	2.0	2.6	4.6
	Maximum 8-hour Value	1.3	2.0	3.2
	NEPM STANDARD LEVEL:			
	No.Events Above Level	0	0	0
	No. Days Above Level	0	0	0

*** Data not available

2002 Data

**TABLE 7
LEAD (Pb)**

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	6	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	4	6	5
	Monthly Average	<0.1 *	<0.1 *	<0.1 *
	Highest Value	<0.1	<0.1	<0.1
SYDNEY				
Grace Bros				
Cnr George & Market				
	Number of Samples	5	6	5
	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	6	5
	Monthly Average	0.1 *	<0.1 *	<0.1 *
	Highest Value	0.5	<0.1	0.1
PORT KEMBLA				
Cnr Blaxland Ave & Flagstaff Rd				
	Number of Samples	5	6	5
	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	4	6	5
	Monthly Average	0.1 *	0.1 *	0.1 *
	Highest Value	0.4	0.2	0.2
WARRAWONG				
Carlotta Cres				
	Number of Samples	5	6	4
	Monthly Average	<0.1 *	<0.1 *	<0.1 *
	Highest Value	<0.1	0.1	<0.1

*** Data not available

2002 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	6	5
	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	6	5
	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	4	6	5
	Monthly Average	<0.02 *	<0.02 *	<0.02 *
	Highest Value	0.02	<0.02	<0.02

*** Data not available

2002 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	13	10	16	25	18	12	10	10	14	14	19	14	10	11	15	18	30	13
2	13	15	17	20	12	11	10	18	15	15	22	12	11	18	16	24	30	13
3	13	15	14	21	13	20	18	17	14	13	16	13	18	17	20	20	26	24
4	16	17	19	21	31	16	17	16	13	14	37	12	17	20	17	20	29	21
5	35	13	22	31	28	30	10	17	18	18	46	12	11	18	19	30	21	22
6	13	14	29	27	34	23	15	20	20	18	33	21	19	19	23	20	35	23
7	16	21	35	22	43	27	20	21	19	19	45	17	21	26	21	20	43	27
8	16	14	24	20	15	10	19	18	25	20	11	11	22	19	20	23	12	12
9	14	17	23	25	15	14	18	24	19	18	23	18	15	22	19	22	28	17
10	15	18	17	15	23	13	25	34	29	16	20	15	23	45	16	18	24	23
11	15	19	15	11	35	17	26	33	15	13	25	19	32	34	16	14	14	26
12	12	33	10	16	23	25	30	35	17	15	46	29	33	42	12	17	40	25
13	16	14	18	20	18	13	27	30	16	14	34	15	24	29	17	17	14	15
14	21	14	16	10	11	12	23	15	13	10	14	14	19	19	14	10	15	15
15	11	13	9	10	16	19	13	16	9	12	16	15	12	21	12	12	12	13
16	14	13	19	21	11	13	16	14	14	28	20	13	15	18	21	16	14	15
17	15	12	19	12	15	16	13	10	15	13	20	14	17	18	23	14	15	19
18	13	14	10	10	13	12	9	14	13	10	14	14	12	15	14	12	12	15
19	12	13	12	13	15	14	11	13	17	14	12	14	13	16	33	14	13	14
20	16	19	13	10	11	12	13	16	13	12	15	12	16	21	13	13	23	22
21	18	14	11	11	30	12	14	14	16	12	29	15	18	17	13	13	34	16
22	14	13	11	11	16	12	13	12	20	17	15	18	16	12	13	22	28	19
23	11	12	10	12	10	11	12	12	12	13	22	14	11	12	20	19	19	15
24	13	29	14	13	35	14	13	33	11	11	38	39	14	23	12	12	50	43
25	31	47	14	14	49	16	22	25	10	9	42	19	24	22	13	10	52	43
26	29	26	14	12	17	13	25	20	10	13	21	15	24	23	16	14	33	16
27	14	14	17	11	16	15	15	14	20	13	26	18	17	14	22	18	29	25
28	14	13	34	23	14	13	13	12	34	10	14	15	14	15	40	26	16	15
29	13	13	18	14	11	13	12	12	17	12	14	14	13	11	22	18	14	15
30	13	15	12	12	16	14	11	13	15	13	14	15	10	16	12	13	15	16
31			12	13					11	12					12	14		

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	87	90	87	73	90	83	80	90	97	63	93	93	83	94	94	53	80
MED	10	13	10	13	27	10	17	20	10	3	37	7	7	17	6	6	40	20
HIGH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0

2002 Data

TABLE 9 (Cont'd)

REGIONAL POLLUTION INDEX (RPI)

Lower Hunter region

RPI	Low 0 - 24						Medium 25 - 49						High > 49					
	REGIONS																	
	Newcastle						Wallsend						Beresfield					
D A Y	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	10	9	16	15	12	10	8	10	9	14	8	11	9	10	13	12	16	8
2	12	12	14	13	13	13	9	12	11	14	11	13	8	13	12	13	8	13
3	10	13	11	13	12	11	10	13	11	12	11	12	11	14	10	11	10	12
4	11	22	12	14	12	14	10	20	11	15	11	11	13	20	11	14	13	13
5	23	12	14	14	22	17	20	13	15	15	18	16	15	7	13	14	21	16
6	12	18	12	16	29	15	12	15	12	16	26	11	6	3	13	12	35	16
7	15	16	17	24	39	10	15	17	16	18	29	20	4	3	14	12	28	18
8	20	18	25	21	13	7	19	15	19	20	16	9	6	5	20	18	12	10
9	17	14	18	16	8	11	14	15	16	13	10	11	5	5	17	14	9	12
10	9	15	17	16	11	12	8	20	20	16	11	13	4	5	23	14	12	13
11	12	14	13	11	12	12	14	16	14	11	13	13	10	20	13	9	12	10
12	10	14	11	12	11	8	10	14	10	13	10	6	16	17	9	13	9	7
13	9	14	13	13	8	12	9	14	11	10	10	14	10	15	12	11	10	12
14	9	12	16	9	13	11	12	12	15	7	14	12	14	12	15	7	13	12
15	14	13	9	10	10	7	12	11	8	9	11	7	13	11	10	9	17	10
16	11	23	10	13	9	14	10	18	11	10	10	15	8	16	11	11	10	14
17	11	11	10	12	14	12	12	9	14	13	15	12	13	11	12	12	15	11
18	11	14	11	11	14	11	10	11	12	11	11	11	12	14	12	10	11	11
19	13	15	11	11	16	15	9	17	14	12	16	14	12	15	9	11	14	12
20	17	23	13	12	13	8	14	21	14	13	13	13	17	20	11	11	10	9
21	20	20	11	12	9	9	21	18	12	13	10	9	19	17	11	12	7	9
22	20	12	11	10	11	11	18	11	13	12	9	11	17	11	11	10	7	12
23	12	14	10	11	10	10	10	10	12	11	11	12	9	8	11	9	12	12
24	11	12	14	12	40	7	9	15	21	8	34	8	14	13	11	10	21	9
25	15	18	14	14	40	14	14	18			34	15	14	17	10	9	31	12
26	12	23	13	13	12	13	12	24			20	14	15	30	13	11	14	14
27	17	12	12	14	14	9	18	11			25	16	18	11	10	11	24	11
28	13	12	23	15	14	13	11	12		8	21	14	10	10	31	15	13	13
29	13	11	9	12	12	12	9	9	6	12	14	13	8	10	9	11	13	13
30	10	13	13	10	12	14	9	10	11	8	13	13	8	7	11	11	13	13
31			11	12					13	12					9	11		

	PERCENTAGE FREQUENCY																	
	Newcastle						Wallsend						Beresfield					
	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	97	100	87	100	100	100	100	100	83	100	100	97	97	100	90	100
MED	0	0	3	0	13	0	0	0	0	0	17	0	0	3	3	0	10	0
HIGH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2002 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	11	10	12	14	12	9	10	10	14	15	10	12
2	10	13	13	15			9	14	14	15	11	10
3	13	13	14	11	5	11	14	16	13	12	12	15
4	15	13	11	14	11	12	16	14	11	15	20	11
5	11	13	12	14	9	18	12	14	14	18	11	13
6	13	14	12	18	11	8	14	15	16	18	14	10
7	13	15	17	17	14	9	15	16	16	19	18	15
8	14	14	22	17	11	12	15	16	19	16	11	11
9	14	16	19	16	13	13	14	16	17	15	13	13
10	10	25	17	15	13	13	16	15	14	15	13	13
11	14	37	15	14	13	13	15	19	13	11	14	11
12	15	18	12	16	13	12	11	15	10	15	11	10
13	10	18	14	13	9	14	9	16	14	11	16	13
14	20	13	11	11	14	14	14	10	8	8	13	12
15	10	11	11	12	12	10	7	12	9	10	12	10
16	13	12	10	9	12	13	12	15	10	11	10	11
17	11	11	11	13	13	12	13	10	11	11	10	10
18	9	13	12	11	14	14	9	12	11	9	13	9
19	13	13	10	13	14	14	10	11	9	12	13	12
20	11	14	13	12	13	9	12	16	12	11	9	9
21	12	13	12	12	12	12	16	13	12	11	12	11
22	13	13	12	12	12	12	13	12	11	10	12	12
23	12	11	12	12	12	10	11	10	9	11	12	11
24	11	20	13	13	9	8	10	20	10	9	13	10
25	23	29	12	12	11	4	23	95	9	9	12	14
26	23	14	12	12	3	2	19	13	8	11	11	12
27	12	13	12	11	6		11	10	10	12	12	10
28	13	12	13	11			11	12	13	8	14	13
29	12	12	11	13			10	12	9	11	13	13
30	12	13	13	12			9	14	11	11	13	13
31			13	13					9	12		

PERCENTAGE FREQUENCY

	Albion Park						Wollongong					
	APR		MAY		JUN		APR		MAY		JUN	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
LOW	100	90	100	100	100	100	100	97	100	100	100	100
MED	0	10	0	0	0	0	0	3	0	0	0	0
HIGH	0	0	0	0	0	0	0	0	0	0	0	0

2002 Data