

Quarterly Air Quality Monitoring Report 4 2006

Part A: DEC Data

October – November – December
2006



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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

MONITORING SITE		OCT	NOV	DEC
Central East Sydney region				
CHULLORA				
Southern Sydney TAFE				
Worth St	ALL HOURS IN MONTH:			
	% Sampling Time	94	95	95
	Average	1.9	1.9	1.7
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	3.9	3.9	3.5
	90-percentile Value	6.1	6.8	5.2
	Maximum 1-hour Value	7.6	7.8	9.9
	Maximum 4-hour Value	7.0	7.1	9.1
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0 (0)	0 (0)	0 (5)
	No. Days Above Level	0 (0)	0 (0)	0 (1)
EARLWOOD				
Beaman Park				
Riverview Rd	ALL HOURS IN MONTH:			
	% Sampling Time	95	93	92
	Average	2.1	2.0	1.6
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	3.8	3.7	2.9
	90-percentile Value	5.6	5.6	4.2
	Maximum 1-hour Value	7.0	7.9	5.5
	Maximum 4-hour Value	6.5	7.8	4.7
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0 (0)	0 (0)	0 (0)
	No. Days Above Level	0 (0)	0 (0)	0 (0)
RANDWICK				
Randwick Barracks				
Cnr Avoca & Bundock Sts	ALL HOURS IN MONTH:			
	% Sampling Time	85	95	95
	Average	2.4	2.5	2.1
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	3.7	3.9	3.2
	90-percentile Value	5.7	5.5	4.4
	Maximum 1-hour Value	7.1	8.3	5.5
	Maximum 4-hour Value	5.8	7.9	4.9
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0 (0)	0 (0)	0 (0)
	No. Days Above Level	0 (0)	0 (0)	0 (0)
ROZELLE				
Rozelle Hospital				
Balmain Rd	ALL HOURS IN MONTH:			
	% Sampling Time	95	94	95
	Average	2.1	2.1	1.7
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	3.7	3.8	3.2
	90-percentile Value	5.5	6.0	4.6
	Maximum 1-hour Value	6.9	8.6	6.6
	Maximum 4-hour Value	6.3	7.6	5.6
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0 (0)	0 (0)	0 (0)
	No. Days Above Level	0 (0)	0 (0)	0 (0)

*** Data not available

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

2006 Data

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

MONITORING SITE		OCT	NOV	DEC
North West Sydney region				
RICHMOND				
University Of Western Sydney				
Vines Rd	ALL HOURS IN MONTH:			
	% Sampling Time	95	95	88
	Average	2.3	2.7	2.3
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	4.3	4.9	4.9
	90-percentile Value	5.5	7.5	6.9
	Maximum 1-hour Value	6.0	8.5	9.2
	Maximum 4-hour Value	5.2	7.8	8.7
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0 (0)	0 (0)	0 (3)
	No. Days Above Level	0 (0)	0 (0)	0 (1)
ST MARYS				
Mamre Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	93	96	95
	Average	2.0	2.3	2.0
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	4.2	4.7	4.4
	90-percentile Value	5.5	7.2	6.7
	Maximum 1-hour Value	6.0	10.1	9.0
	Maximum 4-hour Value	5.8	8.3	8.6
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0 (0)	1 (1)	0 (3)
	No. Days Above Level	0 (0)	1 (1)	0 (1)
VINEYARD				
Castle Hill STP				
Bandon Rd	ALL HOURS IN MONTH:			
	% Sampling Time	95	95	95
	Average	2.5	2.7	2.2
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	4.4	4.9	4.6
	90-percentile Value	5.6	7.8	6.3
	Maximum 1-hour Value	5.9	9.5	9.4
	Maximum 4-hour Value	5.3	7.9	8.2
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0 (0)	0 (0)	0 (3)
	No. Days Above Level	0 (0)	0 (0)	0 (1)
South West Sydney region				
BARGO				
Silica Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	79	86	93
	Average	2.6	2.6	2.3
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	4.2	4.6	4.4
	90-percentile Value	6.1	8.5	7.2
	Maximum 1-hour Value	8.3	9.5	8.0
	Maximum 4-hour Value	6.8	8.1	7.2
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0 (0)	0 (1)	0 (0)
	No. Days Above Level	0 (0)	0 (1)	0 (0)

*** Data not available

2006 Data

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

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

MONITORING SITE	OCT	NOV	DEC
South West Sydney region (Cont'd)			
BRINGELLY			
Ramsay Rd			
ALL HOURS IN MONTH:			
% Sampling Time	95	94	88
Average	2.1	2.4	2.2
DAILY 1-HOUR MAXIMA:			
Monthly Average	4.2	4.7	4.8
90-percentile Value	5.6	7.7	6.3
Maximum 1-hour Value	6.5	9.3	11.9
Maximum 4-hour Value	6.4	7.2	11.0
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (0)	5 (9)
No. Days Above Level	0 (0)	0 (0)	2 (2)
LIVERPOOL			
Rose St			
ALL HOURS IN MONTH:			
% Sampling Time	85	94	94
Average	1.8	2.1	1.9
DAILY 1-HOUR MAXIMA:			
Monthly Average	4.0	4.4	4.2
90-percentile Value	6.0	8.1	5.6
Maximum 1-hour Value	6.9	9.0	12.8
Maximum 4-hour Value	6.1	7.4	12.4
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (0)	8 (10)
No. Days Above Level	0 (0)	0 (0)	2 (2)
MACARTHUR			
UWS Campbelltown campus			
ALL HOURS IN MONTH:			
% Sampling Time	95	95	95
Average	2.1	2.3	2.2
DAILY 1-HOUR MAXIMA:			
Monthly Average	4.2	4.8	4.8
90-percentile Value	5.7	8.3	6.5
Maximum 1-hour Value	7.3	10.2	12.8
Maximum 4-hour Value	6.6	8.6	11.7
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	1 (2)	9 (11)
No. Days Above Level	0 (0)	1 (1)	2 (2)
OAKDALE			
Ridge Rd			
ALL HOURS IN MONTH:			
% Sampling Time	77	95	90
Average	3.1	3.3	2.8
DAILY 1-HOUR MAXIMA:			
Monthly Average	4.4	5.1	5.2
90-percentile Value	6.4	8.0	7.8
Maximum 1-hour Value	6.5	8.9	8.3
Maximum 4-hour Value	6.3	7.9	7.3
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (0)	0 (0)
No. Days Above Level	0 (0)	0 (0)	0 (0)

*** Data not available

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

2006 Data

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

MONITORING SITE	OCT	NOV	DEC
Illawarra region			
ALBION PARK SOUTH			
Hughes Dr			
ALL HOURS IN MONTH:			
% Sampling Time	92	96	96
Average	2.5	2.3	1.9
DAILY 1-HOUR MAXIMA:			
Monthly Average	4.2	3.9	3.3
90-percentile Value	6.6	7.0	4.6
Maximum 1-hour Value	9.6	8.5	8.0
Maximum 4-hour Value	7.8	7.4	7.2
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (0)	0 (0)
No. Days Above Level	0 (0)	0 (0)	0 (0)
KEMBLA GRANGE			
Kembla Grange Racecourse			
Princes Hwy			
ALL HOURS IN MONTH:			
% Sampling Time	95	95	96
Average	2.3	2.2	1.8
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.8	3.9	3.1
90-percentile Value	5.6	6.1	4.5
Maximum 1-hour Value	8.6	9.3	6.7
Maximum 4-hour Value	7.1	8.1	6.1
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (1)	0 (0)
No. Days Above Level	0 (0)	0 (1)	0 (0)
WOLLONGONG			
Gipps St			
ALL HOURS IN MONTH:			
% Sampling Time	92	96	96
Average	2.2	2.1	1.7
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.8	3.7	3.0
90-percentile Value	5.7	5.2	4.5
Maximum 1-hour Value	8.7	9.6	6.0
Maximum 4-hour Value	7.7	8.6	5.3
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (3)	0 (0)
No. Days Above Level	0 (0)	0 (1)	0 (0)
Lower Hunter region			
BERESFIELD			
Francis Greenway			
High School			
ALL HOURS IN MONTH:			
% Sampling Time	96	74	94
Average	2.0	2.1	1.8
DAILY 1-HOUR MAXIMA:			
Monthly Average	3.6	3.9	3.4
90-percentile Value	4.7	6.3	4.8
Maximum 1-hour Value	5.1	6.7	8.3
Maximum 4-hour Value	4.9	6.4	7.4
NEPM STANDARD LEVEL:			
No. Hours Above Level	0 (0)	0 (0)	0 (0)
No. Days Above Level	0 (0)	0 (0)	0 (0)

*** Data not available

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

2006 Data

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

MONITORING SITE		OCT	NOV	DEC
Lower Hunter region (Cont'd)				
NEWCASTLE				
Athletics Field				
Smith St	ALL HOURS IN MONTH:			
	% Sampling Time	96	95	95
	Average	2.3	2.2	1.9
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	3.6	3.6	3.1
	90-percentile Value	4.8	5.2	4.4
	Maximum 1-hour Value	6.1	6.4	4.7
	Maximum 4-hour Value	5.4	5.8	4.1
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0 (0)	0 (0)	0 (0)
	No. Days Above Level	0 (0)	0 (0)	0 (0)
WALLSEND				
Swimming Pool				
Frances St	ALL HOURS IN MONTH:			
	% Sampling Time	95	96	93
	Average	2.1	2.1	1.8
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	3.6	3.8	3.3
	90-percentile Value	4.7	5.9	5.1
	Maximum 1-hour Value	5.5	7.0	8.6
	Maximum 4-hour Value	5.1	5.9	6.6
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0 (0)	0 (0)	0 (0)
	No. Days Above Level	0 (0)	0 (0)	0 (0)
Central Tablelands region				
BATHURST				
Wastewater Treatment Plant				
Off Morrisset St	ALL HOURS IN MONTH:			
	% Sampling Time	96	95	96
	Average	2.3	2.3	2.5
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	3.9	4.1	4.6
	90-percentile Value	4.7	5.2	5.9
	Maximum 1-hour Value	5.4	6.6	7.5
	Maximum 4-hour Value	5.3	6.3	7.1
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0 (0)	0 (0)	0 (0)
	No. Days Above Level	0 (0)	0 (0)	0 (0)

*** Data not available

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

2006 Data

TABLE 2

NITROGEN DIOXIDE (NO₂)

Parts per hundred million (pphm)

1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL: 1-hour average = 12 pphm

MONITORING SITE		OCT	NOV	DEC
Central East Sydney region				
CHULLORA				
Southern Sydney TAFE				
Worth St	ALL HOURS IN MONTH:			
	% Sampling Time	94	94	95
	Average	1.4	1.3	1.0
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	2.7	2.7	2.1
	90-percentile Value	3.8	4.2	3.6
	Maximum 1-hour Value	5.2	5.3	5.6
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	0	0
	No. Days Above Level	0	0	0
EARLWOOD				
Beaman Park				
Riverview Rd	ALL HOURS IN MONTH:			
	% Sampling Time	95	91	92
	Average	1.1	1.1	0.8
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	2.5	2.5	1.8
	90-percentile Value	3.6	4.3	3.1
	Maximum 1-hour Value	4.3	6.0	4.2
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	0	0
	No. Days Above Level	0	0	0
RANDWICK				
Randwick Barracks				
Cnr Avoca & Bundock Sts	ALL HOURS IN MONTH:			
	% Sampling Time	95	95	95
	Average	0.8	0.7	0.5
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	2.3	2.1	1.5
	90-percentile Value	3.4	4.1	3.0
	Maximum 1-hour Value	3.9	6.0	3.8
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	0	0
	No. Days Above Level	0	0	0
ROZELLE				
Rozelle Hospital				
Balmain Rd	ALL HOURS IN MONTH:			
	% Sampling Time	94	94	95
	Average	1.2	1.1	0.9
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	2.6	2.4	1.9
	90-percentile Value	3.6	3.6	3.3
	Maximum 1-hour Value	4.4	5.7	4.3
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	0	0
	No. Days Above Level	0	0	0

*** Data not available

2006 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

MONITORING SITE		OCT	NOV	DEC
North West Sydney region				
RICHMOND				
University Of Western Sydney				
Vines Rd	ALL HOURS IN MONTH:			
	% Sampling Time	95	95	88
	Average	0.6	0.6	0.5
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.6	1.4	1.3
	90-percentile Value	2.5	2.4	2.0
	Maximum 1-hour Value	3.2	2.8	2.4
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	0	0
	No. Days Above Level	0	0	0
ST MARYS				
Mamre Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	94	96	95
	Average	0.8	0.7	0.7
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.8	1.7	1.4
	90-percentile Value	3.0	3.0	2.2
	Maximum 1-hour Value	3.5	4.4	2.4
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	0	0
	No. Days Above Level	0	0	0
VINEYARD				
Castle Hill STP				
Bandon Rd	ALL HOURS IN MONTH:			
	% Sampling Time	95	67	95
	Average	0.6	0.6	0.6
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.5	1.6	1.3
	90-percentile Value	2.2	2.7	2.2
	Maximum 1-hour Value	2.5	4.8	2.4
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	0	0
	No. Days Above Level	0	0	0
South West Sydney region				
BARGO				
Silica Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	73	95	95
	Average	0.7	0.7	0.5
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	2.0	2.3	1.3
	90-percentile Value	3.8	4.8	2.0
	Maximum 1-hour Value	5.6	5.7	3.3
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	0	0
	No. Days Above Level	0	0	0

*** Data not available

2006 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

MONITORING SITE	OCT	NOV	DEC
South West Sydney region (Cont'd)			
BRINGELLY			
Ramsay Rd			
ALL HOURS IN MONTH:			
% Sampling Time	95	94	88
Average	0.7	0.6	0.6
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.5	1.4	1.2
90-percentile Value	2.2	2.1	1.7
Maximum 1-hour Value	3.5	2.9	2.8
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
LIVERPOOL			
Rose St			
ALL HOURS IN MONTH:			
% Sampling Time	94	94	94
Average	1.3	1.2	1.0
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.7	2.6	2.0
90-percentile Value	4.5	4.0	3.8
Maximum 1-hour Value	5.3	4.6	4.8
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
MACARTHUR			
UWS Campbelltown campus			
ALL HOURS IN MONTH:			
% Sampling Time	95	95	95
Average	1.2	1.1	0.8
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.8	2.8	2.0
90-percentile Value	4.4	4.3	3.5
Maximum 1-hour Value	5.1	6.0	4.8
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
OAKDALE			
Ridge Rd			
ALL HOURS IN MONTH:			
% Sampling Time	77	95	87
Average	0.2	0.2	0.3
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.6	0.6	0.6
90-percentile Value	1.1	1.2	1.2
Maximum 1-hour Value	1.3	1.9	1.2
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0

*** Data not available

2006 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

MONITORING SITE		OCT	NOV	DEC
Illawarra region				
ALBION PARK SOUTH				
Hughes Dr				
	ALL HOURS IN MONTH:			
	% Sampling Time	92	96	96
	Average	0.5	0.5	0.5
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.5	1.3	1.1
	90-percentile Value	3.2	2.4	2.8
	Maximum 1-hour Value	4.3	5.1	3.3
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	0	0
	No. Days Above Level	0	0	0
KEMBLA GRANGE				
Kembla Grange Racecourse				
Princes Hwy				
	ALL HOURS IN MONTH:			
	% Sampling Time	95	95	96
	Average	0.7	0.6	0.5
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.7	1.4	1.2
	90-percentile Value	3.3	2.5	2.5
	Maximum 1-hour Value	4.7	4.4	4.9
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	0	0
	No. Days Above Level	0	0	0
WOLLONGONG				
Gipps St				
	ALL HOURS IN MONTH:			
	% Sampling Time	92	95	96
	Average	1.0	0.8	0.7
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	2.3	2.0	1.6
	90-percentile Value	3.5	3.1	2.5
	Maximum 1-hour Value	4.1	3.9	3.7
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	0	0
	No. Days Above Level	0	0	0
Lower Hunter region				
BERESFIELD				
Francis Greenway				
High School				
	ALL HOURS IN MONTH:			
	% Sampling Time	96	73	75
	Average	0.8	0.7	0.6
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.9	1.7	1.3
	90-percentile Value	2.6	2.8	1.9
	Maximum 1-hour Value	2.9	3.0	2.3
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	0	0
	No. Days Above Level	0	0	0

*** Data not available

2006 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

MONITORING SITE		OCT	NOV	DEC
<i>Lower Hunter region (Cont'd)</i>				
NEWCASTLE				
Athletics Field				
Smith St	ALL HOURS IN MONTH:			
	% Sampling Time	96	95	95
	Average	0.7	0.7	0.5
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.7	1.5	1.2
	90-percentile Value	3.0	2.8	1.8
	Maximum 1-hour Value	3.4	3.2	2.6
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	0	0
	No. Days Above Level	0	0	0
WALLSEND				
Swimming Pool				
Frances St	ALL HOURS IN MONTH:			
	% Sampling Time	82	96	93
	Average	0.7	0.7	0.6
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.7	1.6	1.2
	90-percentile Value	2.4	2.3	2.0
	Maximum 1-hour Value	3.3	2.5	2.8
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	0	0
	No. Days Above Level	0	0	0

*** Data not available

2006 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		OCT		NOV		DEC	
		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	94	94	94	94	95	95
	Average	2.5	1.2	2.1	0.9	1.6	0.7
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	7.3	5.0	6.5	4.4	4.9	3.2
	90-percentile Value	14.7	12.4	11.1	8.5	11.9	10.2
	Maximum 1-hour Value	15.7	13.2	12.3	10.5	16.1	14.0
EARLWOOD							
Beaman Park							
Riverview Rd	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	91	91	92	92
	Average	2.4	1.3	1.9	0.8	1.3	0.6
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	8.0	5.9	6.4	4.4	4.4	2.9
	90-percentile Value	13.5	10.9	11.7	9.6	9.5	7.7
	Maximum 1-hour Value	18.0	15.5	15.2	11.4	14.4	12.3
RANDWICK							
Randwick Barracks							
Cnr Avoca & Bundock Sts	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	95	95	95	95
	Average	1.2	0.4	1.0	0.3	0.7	0.2
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	4.1	2.1	3.9	2.0	2.7	1.4
	90-percentile Value	8.6	5.8	7.9	5.8	6.3	4.4
	Maximum 1-hour Value	10.3	7.7	9.7	7.3	8.7	7.1
ROZELLE							
Rozelle Hospital							
Balmain Rd	ALL HOURS IN MONTH:						
	% Sampling Time	94	94	94	94	95	95
	Average	1.7	0.5	1.5	0.5	1.2	0.4
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	4.9	2.6	4.6	2.4	3.4	1.7
	90-percentile Value	7.2	4.8	8.4	6.3	6.6	4.1
	Maximum 1-hour Value	10.0	7.2	11.1	7.4	8.2	6.0
North West Sydney region							
RICHMOND							
University Of Western Sydney							
Vines Rd	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	95	95	88	88
	Average	0.7	0.2	0.7	0.1	0.7	0.2
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	2.0	0.8	2.0	0.8	1.8	0.8
	90-percentile Value	3.4	1.7	3.1	1.8	3.1	2.3
	Maximum 1-hour Value	3.5	1.8	3.9	2.9	3.6	2.8

*** Data not available

2006 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		OCT		NOV		DEC	
		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	94	94	96	96	95	95
	Average	1.0	0.3	0.9	0.2	0.9	0.2
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	3.0	1.7	2.5	1.2	2.0	1.1
	90-percentile Value	6.7	4.5	5.0	3.2	3.3	2.3
	Maximum 1-hour Value	15.0	11.9	5.5	4.4	4.3	3.6
VINEYARD							
Castle Hill STP							
Bandon Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	67	67	95	95
	Average	0.7	0.1	0.7	0.1	0.7	0.2
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	1.9	0.8	2.1	0.8	1.9	0.8
	90-percentile Value	3.1	1.8	4.9	2.1	3.2	2.0
	Maximum 1-hour Value	4.3	3.1	5.2	3.5	4.2	3.1
South West Sydney region							
BARGO							
Silica Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	73	73	95	95	95	95
	Average	1.2	0.6	1.0	0.3	0.6	0.3
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	5.3	3.7	4.7	2.7	3.0	2.0
	90-percentile Value	11.9	10.6	11.3	7.3	7.8	6.4
	Maximum 1-hour Value	15.1	12.3	15.4	10.2	12.9	11.6
BRINGELLY							
Ramsay Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	95	95	94	94	88	88
	Average	0.9	0.2	0.8	0.2	0.9	0.3
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	2.0	0.9	1.9	0.9	2.0	1.1
	90-percentile Value	3.0	1.6	3.3	2.0	3.4	2.9
	Maximum 1-hour Value	4.2	2.7	4.4	4.0	6.0	5.6
LIVERPOOL							
Rose St							
	ALL HOURS IN MONTH:						
	% Sampling Time	94	94	94	94	94	94
	Average	3.0	1.7	2.4	1.2	1.7	0.8
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	10.3	8.1	9.5	7.4	6.2	4.5
	90-percentile Value	19.6	17.5	18.5	16.2	15.7	14.4
	Maximum 1-hour Value	23.8	20.3	37.7	34.0	18.1	16.3

*** Data not available

2006 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	OCT		NOV		DEC	
	NO _x	NO	NO _x	NO	NO _x	NO
South West Sydney region (Cont'd)						
MACARTHUR						
UWS Campbelltown campus						
ALL HOURS IN MONTH:						
% Sampling Time	95	95	95	95	95	95
Average	2.3	1.2	1.9	0.8	1.5	0.7
DAILY 1-HOUR MAXIMA:						
Monthly Average	8.1	5.8	7.2	4.9	5.9	4.1
90-percentile Value	14.1	11.6	11.4	9.3	14.2	12.3
Maximum 1-hour Value	26.2	23.3	13.8	11.1	20.1	18.0
OAKDALE						
Ridge Rd						
ALL HOURS IN MONTH:						
% Sampling Time	77	77	95	95	87	87
Average	0.3	0.0	0.2	0.0	0.3	0.0
DAILY 1-HOUR MAXIMA:						
Monthly Average	0.7	0.1	0.7	0.1	0.6	0.1
90-percentile Value	1.2	0.2	1.3	0.1	1.2	0.2
Maximum 1-hour Value	1.4	0.2	2.0	0.6	1.4	0.4
Illawarra region						
ALBION PARK SOUTH						
Hughes Dr						
ALL HOURS IN MONTH:						
% Sampling Time	92	92	96	96	96	96
Average	0.6	0.1	0.6	0.1	0.6	0.1
DAILY 1-HOUR MAXIMA:						
Monthly Average	1.6	0.5	1.6	0.5	1.6	0.7
90-percentile Value	3.6	1.1	3.0	1.1	3.8	1.6
Maximum 1-hour Value	4.2	1.5	5.3	2.3	4.6	2.9
KEMBLA GRANGE						
Kembla Grange Racecourse						
Princes Hwy						
ALL HOURS IN MONTH:						
% Sampling Time	95	95	95	95	96	96
Average	0.9	0.2	0.8	0.2	0.8	0.2
DAILY 1-HOUR MAXIMA:						
Monthly Average	2.8	1.5	2.3	1.2	2.2	1.2
90-percentile Value	5.1	3.5	5.5	3.4	5.4	2.9
Maximum 1-hour Value	8.6	6.8	7.1	5.3	7.3	5.5
WOLLONGONG						
Gipps St						
ALL HOURS IN MONTH:						
% Sampling Time	92	92	95	95	96	96
Average	1.5	0.5	1.4	0.6	1.0	0.3
DAILY 1-HOUR MAXIMA:						
Monthly Average	5.2	3.0	5.0	3.2	3.1	1.7
90-percentile Value	11.1	7.6	9.8	7.6	5.4	3.7
Maximum 1-hour Value	11.9	9.4	14.2	11.1	9.6	8.2

*** Data not available

2006 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		OCT		NOV		DEC	
		NO _x	NO	NO _x	NO	NO _x	NO
Lower Hunter region							
BERESFIELD							
Francis Greenway							
High School							
ALL HOURS IN MONTH:							
% Sampling Time		96	96	73	73	75	75
Average		1.5	0.8	1.2	0.5	1.0	0.5
DAILY 1-HOUR MAXIMA:							
Monthly Average		5.5	3.8	4.5	3.0	3.5	2.3
90-percentile Value		9.6	7.7	8.6	7.0	7.5	6.5
Maximum 1-hour Value		16.8	15.1	12.4	10.7	10.2	9.1
NEWCASTLE							
Athletics Field							
Smith St							
ALL HOURS IN MONTH:							
% Sampling Time		96	96	95	95	95	95
Average		1.0	0.3	1.0	0.3	0.8	0.2
DAILY 1-HOUR MAXIMA:							
Monthly Average		3.1	1.5	3.0	1.6	2.2	1.1
90-percentile Value		5.9	3.5	6.0	3.9	4.2	2.8
Maximum 1-hour Value		6.7	3.8	6.8	5.3	5.2	3.5
WALLSEND							
Swimming Pool							
Frances St							
ALL HOURS IN MONTH:							
% Sampling Time		82	82	96	96	93	93
Average		1.0	0.3	1.0	0.3	0.8	0.2
DAILY 1-HOUR MAXIMA:							
Monthly Average		3.2	1.9	3.1	1.8	2.3	1.3
90-percentile Value		6.0	4.3	6.4	4.9	4.4	3.4
Maximum 1-hour Value		7.6	6.4	6.8	5.8	6.9	6.0

*** Data not available

2006 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		OCT	NOV	DEC
Central East Sydney region				
CHULLORA				
Southern Sydney TAFE				
Worth St				
	% Sampling Time	100	100	100
	Monthly Average	0.2	0.4	0.3
	90-percentile Value	0.4	0.9	0.6
	Maximum 24-hour Average	0.5	1.4	1.4
	Maximum 1-hour Value	2.2	3.5	3.4
EARLWOOD				
Beaman Park				
Riverview Rd				
	% Sampling Time	100	99	99
	Monthly Average	0.2	0.3	0.3
	90-percentile Value	0.3	0.7	0.5
	Maximum 24-hour Average	0.4	1.3	1.0
	Maximum 1-hour Value	2.0	3.0	3.0
RANDWICK				
Randwick Barracks				
Cnr Avoca & Bundock Sts				
	% Sampling Time	100	100	100
	Monthly Average	0.2	0.3	0.3
	90-percentile Value	0.4	0.7	0.5
	Maximum 24-hour Average	0.4	1.2	0.7
	Maximum 1-hour Value	0.7	3.1	1.2
ROZELLE				
Rozelle Hospital				
Balmain Rd				
	% Sampling Time	99	99	99
	Monthly Average	0.2	0.3	0.2
	90-percentile Value	0.3	0.6	0.4
	Maximum 24-hour Average	0.3	1.1	0.8
	Maximum 1-hour Value	1.0	3.0	2.4
North West Sydney region				
RICHMOND				
University Of Western Sydney				
Vines Rd				
	% Sampling Time	100	100	92
	Monthly Average	0.1	0.3	0.3
	90-percentile Value	0.2	0.7	0.5
	Maximum 24-hour Average	0.2	1.6	1.1
	Maximum 1-hour Value	0.4	4.5	2.9

*** Data not available

2006 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		OCT	NOV	DEC
North West Sydney region (Cont'd)				
ST MARYS				
Mamre Rd				
	% Sampling Time	99	100	99
	Monthly Average	0.2	0.4	0.3
	90-percentile Value	0.3	0.7	0.5
	Maximum 24-hour Average	0.3	1.5	1.0
	Maximum 1-hour Value	1.2	4.4	2.3
VINEYARD				
Castle Hill STP				
Bandon Rd				
	% Sampling Time	100	99	99
	Monthly Average	0.2	0.3	0.2
	90-percentile Value	0.2	0.7	0.4
	Maximum 24-hour Average	0.3	1.7	1.2
	Maximum 1-hour Value	1.0	3.9	3.2
South West Sydney region				
BARGO				
Silica Rd				
	% Sampling Time	89	100	100
	Monthly Average	0.2	0.3	0.3
	90-percentile Value	0.4	0.6	0.5
	Maximum 24-hour Average	0.6	1.0	0.7
	Maximum 1-hour Value	2.4	2.8	1.8
BRINGELLY				
Ramsay Rd				
	% Sampling Time	100	99	100
	Monthly Average	0.2	0.4	0.3
	90-percentile Value	0.3	0.7	0.5
	Maximum 24-hour Average	0.4	1.5	1.3
	Maximum 1-hour Value	1.5	3.9	2.5
LIVERPOOL				
Rose St				
	% Sampling Time	100	100	98
	Monthly Average	0.2	0.3	0.3
	90-percentile Value	0.3	0.6	0.4
	Maximum 24-hour Average	0.3	1.5	1.3
	Maximum 1-hour Value	0.7	3.9	3.3

*** Data not available

2006 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	OCT	NOV	DEC
<i>South West Sydney region (Cont'd)</i>			
MACARTHUR			
UWS Campbelltown campus			
% Sampling Time	100	100	100
Monthly Average	0.2	0.4	0.3
90-percentile Value	0.3	0.7	0.6
Maximum 24-hour Average	0.4	1.4	1.5
Maximum 1-hour Value	1.5	3.4	2.8
OAKDALE			
Ridge Rd			
% Sampling Time	71	100	94
Monthly Average	0.2	0.4	0.3
90-percentile Value	0.3	0.7	0.6
Maximum 24-hour Average	0.7	2.0	0.7
Maximum 1-hour Value	3.3	8.3	1.8
<i>Illawarra region</i>			
ALBION PARK SOUTH			
Hughes Dr			
% Sampling Time	96	100	100
Monthly Average	0.2	0.3	0.3
90-percentile Value	0.5	0.7	0.7
Maximum 24-hour Average	0.5	0.9	0.9
Maximum 1-hour Value	0.8	1.9	2.2
KEMBLA GRANGE			
Kembla Grange Racecourse			
Princes Hwy			
% Sampling Time	100	100	100
Monthly Average	0.2	0.3	0.3
90-percentile Value	0.4	0.7	0.6
Maximum 24-hour Average	0.4	0.9	1.0
Maximum 1-hour Value	0.7	1.9	2.1
WOLLONGONG			
Gipps St			
% Sampling Time	99	100	100
Monthly Average	0.3	0.4	0.4
90-percentile Value	0.5	0.8	0.8
Maximum 24-hour Average	0.6	1.0	1.0
Maximum 1-hour Value	1.1	2.4	2.1

*** Data not available

2006 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		OCT	NOV	DEC
Lower Hunter region				
BERESFIELD				
Francis Greenway				
High School				
	% Sampling Time	100	99	100
	Monthly Average	0.2	0.2	0.2
	90-percentile Value	0.3	0.5	0.4
	Maximum 24-hour Average	0.3	0.6	0.8
	Maximum 1-hour Value	1.0	1.7	1.3
NEWCASTLE				
Athletics Field				
Smith St				
	% Sampling Time	100	100	100
	Monthly Average	0.2	0.2	0.2
	90-percentile Value	0.3	0.5	0.5
	Maximum 24-hour Average	0.3	0.7	0.8
	Maximum 1-hour Value	0.9	2.8	1.4
WALLSEND				
Swimming Pool				
Frances St				
	% Sampling Time	99	100	92
	Monthly Average	0.2	0.3	0.3
	90-percentile Value	0.4	0.6	0.5
	Maximum 24-hour Average	0.4	0.9	1.1
	Maximum 1-hour Value	0.9	3.9	1.9

*** Data not available

2006 Data

TABLE 4.2

**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		OCT	NOV	DEC
Central East Sydney region				
CHULLORA				
Southern Sydney TAFE				
Worth St	ALL HOURS IN MONTH:			
	% Sampling Time	99	99	100
	Average	24	26	23
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	46	45	39
	90-percentile Value	74	80	63
	Maximum 1-hour Value	111	141	110
	Maximum 24-hour Value	30	54	65
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	2	1
EARLWOOD				
Beaman Park				
Riverview Rd	ALL HOURS IN MONTH:			
	% Sampling Time	96	98	99
	Average	28	28	23
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	59	55	41
	90-percentile Value	85	98	62
	Maximum 1-hour Value	212	205	97
	Maximum 24-hour Value	40	72	58
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	3	1
RANDWICK				
Randwick Barracks				
Cnr Avoca & Bundock Sts	ALL HOURS IN MONTH:			
	% Sampling Time	98	98	99
	Average	22	23	23
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	42	46	39
	90-percentile Value	61	65	60
	Maximum 1-hour Value	125	207	76
	Maximum 24-hour Value	31	58	45
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	1	0
ROZELLE				
Rozelle Hospital				
Balmain Rd	ALL HOURS IN MONTH:			
	% Sampling Time	91	89	84
	Average	23	25	21
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	49	50	39
	90-percentile Value	71	82	55
	Maximum 1-hour Value	167	127	138
	Maximum 24-hour Value	31	52	32
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	1	0

*** Data not available

2006 Data

TABLE 4.2 (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		OCT	NOV	DEC
North West Sydney region				
RICHMOND				
University Of Western Sydney				
Vines Rd	ALL HOURS IN MONTH:			
	% Sampling Time	95	97	91
	Average	21	25	23
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	44	52	43
	90-percentile Value	80	99	75
	Maximum 1-hour Value	144	140	143
	Maximum 24-hour Value	32	61	61
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	2	1
ST MARYS				
Mamre Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	99	98	99
	Average	25	29	23
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	62	66	50
	90-percentile Value	116	125	105
	Maximum 1-hour Value	152	219	132
	Maximum 24-hour Value	38	71	58
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	2	1
VINEYARD				
Castle Hill STP				
Bandon Rd	ALL HOURS IN MONTH:			
	% Sampling Time	99	87	98
	Average	21	26	23
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	44	47	43
	90-percentile Value	73	102	93
	Maximum 1-hour Value	113	138	128
	Maximum 24-hour Value	30	67	61
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	2	1
South West Sydney region				
BRINGELLY				
Ramsay Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	99	85	99
	Average	25	29	26
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	64	65	53
	90-percentile Value	124	109	99
	Maximum 1-hour Value	272	146	116
	Maximum 24-hour Value	42	72	70
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	2	1

*** Data not available

2006 Data

TABLE 4.2 (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	OCT	NOV	DEC
South West Sydney region (Cont'd)			
LIVERPOOL			
Rose St			
ALL HOURS IN MONTH:			
% Sampling Time	99	98	97
Average	25	27	23
DAILY 1-HOUR MAXIMA:			
Monthly Average	53	49	40
90-percentile Value	81	80	63
Maximum 1-hour Value	213	146	124
Maximum 24-hour Value	38	72	74
NEPM STANDARD LEVEL:			
No. Days Above Level	0	2	1
MACARTHUR			
UWS Campbelltown campus			
ALL HOURS IN MONTH:			
% Sampling Time	99	99	99
Average	21	23	22
DAILY 1-HOUR MAXIMA:			
Monthly Average	45	45	44
90-percentile Value	72	101	93
Maximum 1-hour Value	174	129	125
Maximum 24-hour Value	32	64	64
NEPM STANDARD LEVEL:			
No. Days Above Level	0	2	1
OAKDALE			
Ridge Rd			
ALL HOURS IN MONTH:			
% Sampling Time	89	97	99
Average	20	22	20
DAILY 1-HOUR MAXIMA:			
Monthly Average	45	54	42
90-percentile Value	65	108	68
Maximum 1-hour Value	109	175	123
Maximum 24-hour Value	33	57	36
NEPM STANDARD LEVEL:			
No. Days Above Level	0	1	0
Illawarra region			
ALBION PARK SOUTH			
Hughes Dr			
ALL HOURS IN MONTH:			
% Sampling Time	98	100	98
Average	24	23	21
DAILY 1-HOUR MAXIMA:			
Monthly Average	59	45	45
90-percentile Value	91	78	83
Maximum 1-hour Value	209	113	104
Maximum 24-hour Value	41	51	60
NEPM STANDARD LEVEL:			
No. Days Above Level	0	1	1

*** Data not available

2006 Data

TABLE 4.2 (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		OCT	NOV	DEC
Illawarra region (Cont'd)				
KEMBLA GRANGE				
Kembla Grange Racecourse				
Princes Hwy	ALL HOURS IN MONTH:			
	% Sampling Time	99	99	99
	Average	28	27	27
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	64	53	59
	90-percentile Value	116	96	89
	Maximum 1-hour Value	155	142	205
	Maximum 24-hour Value	57	70	84
	NEPM STANDARD LEVEL:			
	No. Days Above Level	2	3	2
WOLLONGONG				
Gipps St				
	ALL HOURS IN MONTH:			
	% Sampling Time	98	98	98
	Average	26	26	28
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	60	52	58
	90-percentile Value	109	69	103
	Maximum 1-hour Value	281	279	150
	Maximum 24-hour Value	52	61	62
	NEPM STANDARD LEVEL:			
	No. Days Above Level	1	2	2
Lower Hunter region				
BERESFIELD				
Francis Greenway				
High School	ALL HOURS IN MONTH:			
	% Sampling Time	98	93	99
	Average	25	25	20
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	50	58	49
	90-percentile Value	86	129	107
	Maximum 1-hour Value	105	145	122
	Maximum 24-hour Value	43	50	46
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	1	0
NEWCASTLE				
Athletics Field				
Smith St	ALL HOURS IN MONTH:			
	% Sampling Time	99	98	99
	Average	27	26	24
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	52	52	46
	90-percentile Value	93	92	83
	Maximum 1-hour Value	109	122	97
	Maximum 24-hour Value	41	51	48
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	1	0

*** Data not available

2006 Data

TABLE 4.2 (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		OCT	NOV	DEC
Lower Hunter region (Cont'd)				
WALLSEND				
Swimming Pool				
Frances St	ALL HOURS IN MONTH:			
	% Sampling Time	99	98	95
	Average	22	23	20
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	45	52	44
	90-percentile Value	64	101	85
	Maximum 1-hour Value	140	144	130
	Maximum 24-hour Value	33	51	47
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	1	0
Central Tablelands region				
BATHURST				
Wastewater Treatment Plant				
Off Morrisset St	ALL HOURS IN MONTH:			
	% Sampling Time	98	98	97
	Average	24	24	26
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	55	57	69
	90-percentile Value	94	99	122
	Maximum 1-hour Value	103	141	142
	Maximum 24-hour Value	38	52	61
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	1	1
South West Slopes region				
ALBURY				
Jelbart Park				
Cnr Kaylock Rd & Cambourne St	ALL HOURS IN MONTH:			
	% Sampling Time	97	94	97
	Average	24	24	53
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	48	69	186
	90-percentile Value	100	195	552
	Maximum 1-hour Value	145	337	739
	Maximum 24-hour Value	77	67	189
	NEPM STANDARD LEVEL:			
	No. Days Above Level	2	2	10
WAGGA WAGGA				
Cnr Morgan & Murray Sts				
	ALL HOURS IN MONTH:			
	% Sampling Time	84	97	98
	Average	35	40	55
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	86	122	236
	90-percentile Value	149	226	595
	Maximum 1-hour Value	184	747	1077
	Maximum 24-hour Value	70	111	173
	NEPM STANDARD LEVEL:			
	No. Days Above Level	2	8	14

*** Data not available

2006 Data

TABLE 4.2 (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		OCT	NOV	DEC
<i>North West Slopes region</i>				
TAMWORTH				
Hyman Park				
Off Robert St				
ALL HOURS IN MONTH:				
% Sampling Time		100	72	99
Average		18	21	18
DAILY 1-HOUR MAXIMA:				
Monthly Average		44	42	39
90-percentile Value		67	74	71
Maximum 1-hour Value		89	90	99
Maximum 24-hour Value		28	32	40
NEPM STANDARD LEVEL:				
No. Days Above Level		0	0	0

*** Data not available

2006 Data

TABLE 4.3

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		OCT	NOV	DEC
Central East Sydney region				
EARLWOOD				
Beaman Park				
Riverview Rd	ALL HOURS IN MONTH:			
	% Sampling Time	96	99	98
	Average	10	12	10
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	18	23	18
	90-percentile Value	28	52	31
	Maximum 1-hour Value	45	70	68
South West Sydney region				
LIVERPOOL				
Rose St				
	ALL HOURS IN MONTH:			
	% Sampling Time	99	98	97
	Average	13	16	15
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	25	30	24
	90-percentile Value	37	48	39
	Maximum 1-hour Value	59	116	88
Illawarra region				
WOLLONGONG				
Gipps St				
	ALL HOURS IN MONTH:			
	% Sampling Time	99	98	98
	Average	10	12	12
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	20	21	24
	90-percentile Value	35	32	37
	Maximum 1-hour Value	59	74	81
Lower Hunter region				
BERESFIELD				
Francis Greenway				
High School	ALL HOURS IN MONTH:			
	% Sampling Time	98	98	98
	Average	10	12	10
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	20	25	20
	90-percentile Value	32	45	28
	Maximum 1-hour Value	37	78	59
WALLSEND				
Swimming Pool				
Frances St	ALL HOURS IN MONTH:			
	% Sampling Time	99	98	95
	Average	11	12	11
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	22	24	23
	90-percentile Value	34	46	39
	Maximum 1-hour Value	91	76	56

*** Data not available

2006 Data

TABLE 5

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		OCT	NOV	DEC
Central East Sydney region				
CHULLORA				
Southern Sydney TAFE				
Worth St	ALL HOURS IN MONTH:			
	% Sampling Time	94	95	95
	Average	0.1	0.1	0.1
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.4	0.4	0.3
	90-percentile Value	0.7	0.7	0.9
	Maximum 1-hour Value	1.0	1.4	1.5
	Maximum 24-hour Value	0.3	0.4	0.4
	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	92
	Average	0.1	0.1	0.1
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.6	0.5	0.7
	90-percentile Value	1.2	0.9	1.5
	Maximum 1-hour Value	1.8	1.0	2.0
	Maximum 24-hour Value	0.7	0.3	0.4
	NEPM STANDARD LEVEL:			
	No. Events Above Level	0 (0)	0 (0)	0 (0)
North West Sydney region				
RICHMOND				
University Of Western Sydney				
Vines Rd	ALL HOURS IN MONTH:			
	% Sampling Time	95	95	88
	Average	0.1	0.1	0.1
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.2	0.2	0.3
	90-percentile Value	0.5	0.4	0.6
	Maximum 1-hour Value	0.9	0.7	0.7
	Maximum 24-hour Value	0.2	0.2	0.2
	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	95	94	95
	Average	0.1	0.1	0.1
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.3	0.3	0.3
	90-percentile Value	0.8	0.7	0.8
	Maximum 1-hour Value	1.2	1.1	0.9
	Maximum 24-hour Value	0.2	0.3	0.3
	NEPM STANDARD LEVEL:			
	No. Events Above Level	0 (0)	0 (0)	0 (0)

*** Data not available

2006 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	OCT	NOV	DEC
South West Sydney region			
BARGO			
Silica Rd			
ALL HOURS IN MONTH:			
% Sampling Time	82	95	95
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	0.4	0.4
Maximum 24-hour Value	0.1	0.1	0.1
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)
BRINGELLY			
Ramsay Rd			
ALL HOURS IN MONTH:			
% Sampling Time	95	94	88
Average	0.1	0.1	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.2	0.2	0.2
90-percentile Value	0.3	0.4	0.5
Maximum 1-hour Value	0.5	0.5	0.6
Maximum 24-hour Value	0.1	0.1	0.2
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)
MACARTHUR			
UWS Campbelltown campus			
ALL HOURS IN MONTH:			
% Sampling Time	95	95	95
Average	0.1	0.1	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.2	0.2	0.3
90-percentile Value	0.3	0.5	0.6
Maximum 1-hour Value	0.5	0.6	0.6
Maximum 24-hour Value	0.1	0.3	0.3
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)
Illawarra region			
ALBION PARK SOUTH			
Hughes Dr			
ALL HOURS IN MONTH:			
% Sampling Time	92	96	96
Average	0.1	0.2	0.2
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.6	0.8	0.7
90-percentile Value	2.0	2.5	1.8
Maximum 1-hour Value	2.4	3.8	3.2
Maximum 24-hour Value	0.4	1.0	0.8
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

2006 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		OCT	NOV	DEC
Illawarra region (Cont'd)				
WOLLONGONG				
Gipps St				
	ALL HOURS IN MONTH:			
	% Sampling Time	92	95	95
	Average	0.1	0.2	0.2
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.6	0.6	0.8
	90-percentile Value	1.4	1.4	1.6
	Maximum 1-hour Value	1.7	2.0	1.9
	Maximum 24-hour Value	0.5	0.4	0.5
	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	77	96
	Average	0.1	0.1	0.1
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.6	0.7	0.6
	90-percentile Value	1.1	1.7	1.2
	Maximum 1-hour Value	1.6	2.7	1.6
	Maximum 24-hour Value	0.3	0.3	0.5
	NEPM STANDARD LEVEL:			
	No. Events Above Level	0 (0)	0 (0)	0 (0)
NEWCASTLE				
Athletics Field				
Smith St				
	ALL HOURS IN MONTH:			
	% Sampling Time	96	96	95
	Average	0.1	0.1	0.1
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.6	0.6	0.5
	90-percentile Value	1.4	1.5	1.1
	Maximum 1-hour Value	2.0	3.0	1.6
	Maximum 24-hour Value	0.4	0.4	0.3
	NEPM STANDARD LEVEL:			
	No. Events Above Level	0 (0)	0 (0)	0 (0)
WALLSEND				
Swimming Pool				
Frances St				
	ALL HOURS IN MONTH:			
	% Sampling Time	95	96	93
	Average	0.1	0.1	0.1
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.7	0.8	0.5
	90-percentile Value	1.5	2.0	1.3
	Maximum 1-hour Value	2.2	2.9	1.9
	Maximum 24-hour Value	0.3	0.5	0.2
	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

2006 Data

TABLE 6

CARBON MONOXIDE (CO)

Parts per million (ppm)

1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL: 8-hour average = 9 ppm

MONITORING SITE		OCT	NOV	DEC
Central East Sydney region				
CHULLORA				
Southern Sydney TAFE				
Worth St	ALL HOURS IN MONTH:			
	% Sampling Time	93	95	95
	Average	0.2	0.2	0.2
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.5	0.6	0.4
	90-percentile Value	0.8	0.8	0.7
	Maximum 1-hour Value	1.2	0.9	0.9
	Maximum 8-hour Value	0.6	0.7	0.7
	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	94	94	95
	Average	0.2	0.2	0.2
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.5	0.6	0.4
	90-percentile Value	0.8	0.9	0.7
	Maximum 1-hour Value	1.0	1.0	0.8
	Maximum 8-hour Value	0.6	0.8	0.6
	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	94	94	94
	Average	0.3	0.2	0.2
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.8	0.7	0.5
	90-percentile Value	1.4	1.0	0.9
	Maximum 1-hour Value	1.6	2.1	1.0
	Maximum 8-hour Value	1.3	1.3	0.8
	NEPM STANDARD LEVEL:			
	No.Events Above Level	0	0	0
	No. Days Above Level	0	0	0

*** Data not available

2006 Data

TABLE 6 (Cont'd)

CARBON MONOXIDE (CO)

Parts per million (ppm)

1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL: 8-hour average = 9 ppm

MONITORING SITE	OCT	NOV	DEC
South West Sydney region (Cont'd)			
MACARTHUR			
UWS Campbelltown campus			
ALL HOURS IN MONTH:			
% Sampling Time	95	95	95
Average	0.1	0.1	0.2
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.3	0.3	0.3
90-percentile Value	0.5	0.5	0.5
Maximum 1-hour Value	0.7	0.9	0.7
Maximum 8-hour Value	0.5	0.7	0.6
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	92	95	96
Average	0.3	0.3	0.2
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.7	0.8	0.7
90-percentile Value	1.3	1.3	1.3
Maximum 1-hour Value	1.5	2.2	2.0
Maximum 8-hour Value	0.9	0.9	1.0
NEPM STANDARD LEVEL:			
No.Events Above Level	0	0	0
No. Days Above Level	0	0	0
Lower Hunter region			
NEWCASTLE			
Athletics Field			
Smith St			
ALL HOURS IN MONTH:			
% Sampling Time	96	95	93
Average	0.2	0.2	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.4	0.3	0.3
90-percentile Value	0.7	0.5	0.4
Maximum 1-hour Value	0.9	1.0	0.5
Maximum 8-hour Value	0.6	0.6	0.4
NEPM STANDARD LEVEL:			
No.Events Above Level	0	0	0
No. Days Above Level	0	0	0

*** Data not available

2006 Data

TABLE 7

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					
	OCT		NOV		DEC		OCT		NOV		DEC		OCT		NOV		DEC	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
1	15	21	17	21	12	80	15	23	196	173	24	78	19	20	29	34	22	68
2	19	28	20	27	53	27	24	25	28	32	63	23	21	27	36	25	75	21
3	17	15	61	41	13	10	17	18	141	115	13	10	22	17	48	46	13	10
4	14	17	15	14	11	11	18	27	14	15	11	17	17	26	17	14	10	17
5	15	27	15	11	30	15	28	33	16	11	21	24	25	28	17	12	19	21
6	21	15	15	12	12	17	26	18	10	12	29	31	25	17	11	12	22	27
7	16	51	11	14	15	13	18	28	11	17	38	29	16	22	11	16	35	30
8	20	28	14	14	16	18	57	27	17	13	39	28	21	27	18	13	32	29
9	17	16	13	14	15	11	16	17	15	15	30	29	17	19	13	15	28	23
10	15	16	13	17	11	18	16	19	16	25	29	32	18	21	16	20	17	19
11	19	19	17	30	13	36	19	32	24	24	35	63	21	26	23	21	29	38
12	20	30	38	30	32	31	31	32	29	49	52	42	27	30	39	26	46	26
13	26	37	26	19	13	16	41	34	47	19	11	20	28	28	31	34	12	20
14	32	35	18	16	18	29	26	30	19	24	25	32	22	28	21	21	23	31
15	29	15	16	20	29	11	21	19	26	15	33	12	27	21	21	42	30	11
16	15	14	13	10	10	11	15	15	14	11	9	12	14	10	16	12	8	13
17	14	13	10	12	10	15	12	13	11	16	12	25	10	12	12	17	11	26
18	10	17	15	22	13	16	13	19	16	27	31	30	11	19	17	30	25	21
19	17	19	21	22	14	17	22	32	33	37	36	29	19	29	32	31	27	33
20	17	23	18	70	14	10	24	29	38	64	15	12	21	22	29	104	15	12
21	16	13	30	55	15	17	23	13	50	53	12	25	22	12	46	48	15	24
22	14	15	82	36	18	18	13	16	93	68	26	36	13	16	106	33	23	25
23	14	18	45	19	31	25	16	21	27	34	40	23	17	22	61	73	34	23
24	15	17	16	16	20	14	22	25	35	26	28	18	23	22	36	23	22	24
25	15	20	19	24	15	16	23	20	33	43	31	15	23	20	25	33	16	14
26	19	15	27	15	15	12	19	15	47	23	15	15	20	15	36	20	16	15
27	14	22	11	12	11	23	15	25	17	14	18	25	14	23	19	17	19	23
28	18	18	10	36	16	51	79	34	25	41	30	30	23	29	17	36	23	25
29	15	15	33	46	16	17	18	17	40	32	26	25	20	20	32	30	28	23
30	38	48	12	14	13	18	19	21	16	21	20	24	20	19	14	20	17	25
31	14	20			23	15	22	25			20	24	21	23			25	20
	PERCENTAGE FREQUENCY																	
	Eastern Sydney						South Western						North Western					
	OCT		NOV		DEC		OCT		NOV		DEC		OCT		NOV		DEC	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
LOW	87	74	73	70	84	77	77	52	47	50	42	45	84	68	53	50	61	61
MED	13	23	20	23	13	16	16	48	40	33	52	48	16	32	40	43	35	35
HIGH	0	3	7	7	3	6	6	0	13	17	6	6	0	0	7	7	3	3

2006 Data

TABLE 7 (Cont'd)

REGIONAL POLLUTION INDEX (RPI)

Lower Hunter region

RPI	Low 0 - 24						Medium 25 - 49						High > 49					
D A Y	Newcastle						REGIONS Wallsend						Beresfield					
	OCT		NOV		DEC		OCT		NOV		DEC		OCT		NOV		DEC	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
1	15	18	14	23	12	19	15	16	13	24	12	42	15	17	13	22	13	41
2	17	24	21	21	21	34	15	23	21	25	30	44	16	22	22	19	23	30
3	22	15	18	14	22	10	22	14	21	17	32	9	21	13	10	6	23	9
4	14	20	21	14	11	10	21	18	20	12	8	9	12	17	9	3	8	10
5	15	17	15	12	9	11	14	10	14	10	8	12	15	23	5	2	8	12
6	18	17	16	15	10	11	23	14	15	14	10	17	24	13	1	4	11	16
7	14	17	11	14	10	9	13	17	11	14	12	12	13	17	4	13	16	13
8	15	30	12	12	11	13	14	27	12	12	11	12	15	24	12	10	11	13
9	17	15	12	14	14	11	17	15	12	14	11	11	16	14	10	13	12	11
10	15	18	13	14	9	11	15	16	13	18	9	12	14	15	12	18	10	11
11	15	15	12	21	9	21	14	18	15	21	10	30	14	22	19	22	11	33
12	13	21	23	23	18	19	18	23	22	25	19	20	23	22	22	25	14	14
13	17	23	21	21	19	13	20	23	22	21	24	13	20	21	22	19	17	11
14	20	27	23	13	18	15	22	25	19	14	14	19	23	25	20	19	14	18
15	26	15	12	17	15	16	26	15	12	17	17	21	25	14	20	12	17	16
16	14	14	16	10	10	9	13	13	16	10	9	9	12	12	14	10	7	9
17	14	11	10	12	9	12	11	10	9	12	9	11	11	11	10	13	8	11
18	10	18	12	14	10	11	10	18	13	17	9	12	10	17	13	18	10	13
19	16	19	13	14	10	22	18	18	13	17	10	22	17	18	19	20	11	24
20	17	17	12	17	19	16	16	21	14	35	16	10	16	21	17	33	20	10
21	14	13	13	30	10	16	15	13	19	28	10	15	17	12	31	31	10	14
22	14	14	26	25	13	11	13	13	30	25	12	14	12	13	30	24	14	16
23	13	15	67	15	10	23	12	14	92	18	12	21	11	14	41	15	15	20
24	14	14	15	16	17	19	14	16	12	17	21	27	13	15	10	25	19	20
25	14	16	15	24	18	17	13	22	20	23	21	17	14	21	30	21	20	15
26	19	15	43	18	18	15	18	14	39	20	18		18	12	34	15	17	16
27	14	15	8	9	17	15	12	18	9	8	5	14	12	18	10	10	18	15
28	18	22	8	31	19	14	18	23	14	30	14	18	18	21	9	32	13	22
29	15	14	19	26	14	15	15	14	25	27	16	15	15	13	32	27	17	18
30	14	13	11	11	13	21	14	22	11	12	14	23	13	13	11	13	15	24
31	12	13			21	18	11	17			21	17	15	21			20	17
	PERCENTAGE FREQUENCY																	
	Newcastle						Wallsend						Beresfield					
	OCT		NOV		DEC		OCT		NOV		DEC		OCT		NOV		DEC	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
LOW	97	94	90	87	100	97	97	94	87	77	94	87	97	97	80	80	100	90
MED	3	6	7	13	0	3	3	6	10	23	6	13	3	3	20	20	0	10
HIGH	0	0	3	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0

2006 Data

TABLE 7 (Cont'd)

REGIONAL POLLUTION INDEX (RPI)

Illawarra region

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

D A Y	Albion Park						REGIONS Wollongong					
	OCT		NOV		DEC		OCT		NOV		DEC	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
1	15	23	18	18	12	46	15	22	21	18	20	50
2	19	19	20	29	40	18	21	23	21	26	36	23
3	15	16	20	15	10	10	14	15	18	15	14	9
4	15	18	14	16	12	11	14	17	13	16	11	11
5	17	20	16	11	10	18	15	22	15	11	10	17
6	21	16	12	11	15	11	23	16	13	13	12	15
7	15	19	11	12	17	13	16	22	10	12	15	11
8	18	20	11	12	11	17	21	20	11	12	10	17
9	16	16	12	13	15	12	15	15	12	13	14	11
10	15	17	13	16	10	19	15	17	12	17	16	18
11	17	20	14	21	10	26	16	20	15	21	12	27
12	17	31	19	18	23	52	18	32	19	31	22	48
13	28	47	29	18	10	16	31	43	31	18	9	14
14	32	45	18	15	18	24	38	41	18	16	17	24
15	37	14	17	13	27	10	23	14	18	14	30	10
16	14	15	14	11	9	10	13	14	13	10	8	10
17	12	12	10	12	10	13	13	12	10	12	9	13
18	11	19	12	19	12	17	13	17	11	17	11	16
19	20	19	18	23	11	15	19	17	18	24	15	15
20	16	21	17	37	9	9	13	19	17	39	13	8
21	34	13	34	36	17	19	27	13	24	47	19	20
22	14	15	43	24	18	17	13	14	58	25	16	22
23	15	20	20	16	14	19	14	19	24	16	41	36
24	21	19	14	17	16	9	18	17	14	16	18	20
25	16	12	16	38	39	13	16	14	33	38	34	13
26	21	15	35	10	13	10	18	14	33	10	13	10
27	15	23	11	11	10	16	13	20	11	11	10	15
28	20	16	23	35	16	16	17	15	18	30	15	16
29	15	14	45	42	17	13	13	13	45	42	16	12
30	15	12	13	14	11	17	13	16	12	13	11	15
31		18			18	14	16	19			17	14

	PERCENTAGE FREQUENCY											
	Albion Park						Wollongong					
	OCT		NOV		DEC		OCT		NOV		DEC	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
LOW	87	90	83	80	90	90	90	90	83	73	87	87
MED	13	10	17	20	10	6	10	10	13	27	13	10
HIGH	0	0	0	0	0	3	0	0	3	0	0	3

2006 Data