

Quarterly Air Quality Monitoring Report 2 1999

Part A: EPA Data

April - May - June
1999

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TABLE 1

OZONE (O₃)

NEPM STANDARD LEVEL: 1-hour average = 10 pphm

4-hour average = 8 pphm

Parts per hundred million (pphm)

NSW GOV'T LONG TERM GOAL: 1-hour average = 8 pphm

1-HOUR CLOCK AVERAGE

4-hour average = 6 pphm

MONITORING SITE

APR

MAY

JUN

Central East Sydney region

EARLWOOD

Beaman Park

Riverview Rd

ALL HOURS IN MONTH:

% Sampling Time

96

95

96

Average

0.8

0.4

0.6

DAILY 1-HOUR MAXIMA:

Monthly Average

2.3

1.6

1.7

90-percentile Value

3.7

2.5

2.2

Maximum 1-hour Value

4.6

2.8

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)

LIDCOMBE

EPA Laboratories

Weeroona Rd

ALL HOURS IN MONTH:

% Sampling Time

93

94

94

Average

0.9

0.6

0.7

DAILY 1-HOUR MAXIMA:

Monthly Average

2.4

1.9

1.8

90-percentile Value

3.6

2.7

2.6

Maximum 1-hour Value

4.7

3.0

2.7

NEPM STANDARD LEVEL:

No. Hours Above Level

0 (0)

0 (0)

0 (0)

No. Days Above Level

0 (0)

0 (0)

0 (0)

NSW GOV'T LONG TERM GOAL:

No. Hours Above Goal

0 (0)

0 (0)

0 (0)

No. Days Above Goal

0 (0)

0 (0)

0 (0)

LINDFIELD

Bradfield Rd

ALL HOURS IN MONTH:

% Sampling Time

96

90

95

Average

0.9

0.6

0.7

DAILY 1-HOUR MAXIMA:

Monthly Average

2.4

1.8

1.9

90-percentile Value

3.6

2.7

2.3

Maximum 1-hour Value

5.2

3.0

2.6

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

1999 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

Parts per hundred million (pphm)

1-HOUR CLOCK AVERAGE

NSW GOV'T LONG TERM GOAL: 1-hour average = 8 pphm

4-hour average = 6 pphm

MONITORING SITE

APR

MAY

JUN

Central East Sydney region (Cont'd)

RANDWICK

Randwick Barracks

Cnr Avoca & Bundock Sts ALL HOURS IN MONTH:

% Sampling Time

95

95

96

Average

1.3

0.6

1.0

DAILY 1-HOUR MAXIMA:

Monthly Average

2.6

2.0

2.0

90-percentile Value

4.5

2.9

2.8

Maximum 1-hour Value

5.4

3.2

3.1

NEPM STANDARD LEVEL:

No. Hours Above Level

0 (0)

0 (0)

0 (0)

No. Days Above Level

0 (0)

0 (0)

0 (0)

NSW GOV'T LONG TERM GOAL:

No. Hours Above Goal

0 (0)

0 (0)

0 (0)

No. Days Above Goal

0 (0)

0 (0)

0 (0)

ROZELLE

Rozelle Hospital

Balmain Rd

ALL HOURS IN MONTH:

% Sampling Time

99

95

99

Average

0.8

0.7

0.6

DAILY 1-HOUR MAXIMA:

Monthly Average

2.1

1.5

1.3

90-percentile Value

3.3

2.2

1.7

Maximum 1-hour Value

3.8

2.8

2.4

NEPM STANDARD LEVEL:

No. Hours Above Level

0 (0)

0 (0)

0 (0)

No. Days Above Level

0 (0)

0 (0)

0 (0)

NSW GOV'T LONG TERM GOAL:

No. Hours Above Goal

0 (0)

0 (0)

0 (0)

No. Days Above Goal

0 (0)

0 (0)

0 (0)

WOOLLOOWARE

Woollooware Rd

ALL HOURS IN MONTH:

% Sampling Time

50

92

89

Average

1.7

0.8

1.4

DAILY 1-HOUR MAXIMA:

Monthly Average

2.7

2.0

2.4

90-percentile Value

3.8

3.2

3.2

Maximum 1-hour Value

5.0

3.7

3.4

NEPM STANDARD LEVEL:

No. Hours Above Level

0 (0)

0 (0)

0 (0)

No. Days Above Level

0 (0)

0 (0)

0 (0)

NSW GOV'T LONG TERM GOAL:

No. Hours Above Goal

0 (0)

0 (0)

0 (0)

No. Days Above Goal

0 (0)

0 (0)

0 (0)

*** Data not available

1999 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

Parts per hundred million (pphm)

NSW GOV'T LONG TERM GOAL: 1-hour average = 8 pphm

1-HOUR CLOCK AVERAGE

4-hour average = 6 pphm

MONITORING SITE

APR

MAY

JUN

North West Sydney region

BLACKTOWN

Flushcombe Rd

ALL HOURS IN MONTH:

% Sampling Time

96

96

95

Average

0.9

0.6

0.7

DAILY 1-HOUR MAXIMA:

Monthly Average

2.5

2.0

1.8

90-percentile Value

3.8

2.8

2.4

Maximum 1-hour Value

4.2

3.3

2.6

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

96

76

Average

1.5

1.0

1.0

DAILY 1-HOUR MAXIMA:

Monthly Average

3.1

2.7

2.2

90-percentile Value

4.1

3.5

2.8

Maximum 1-hour Value

5.4

4.4

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)

ST MARYS

Mamre Rd

ALL HOURS IN MONTH:

% Sampling Time

95

92

96

Average

1.2

0.6

0.8

DAILY 1-HOUR MAXIMA:

Monthly Average

2.8

2.1

2.1

90-percentile Value

4.2

3.2

2.6

Maximum 1-hour Value

4.3

3.7

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

1999 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

Parts per hundred million (pphm)

1-HOUR CLOCK AVERAGE

NSW GOV'T LONG TERM GOAL: 1-hour average = 8 pphm

4-hour average = 6 pphm

MONITORING SITE

APR

MAY

JUN

North West Sydney region (Cont'd)

VINEYARD

Castle Hill STP

Bandon Rd

ALL HOURS IN MONTH:

% Sampling Time

96

95

96

Average

1.5

1.0

1.2

DAILY 1-HOUR MAXIMA:

Monthly Average

3.1

2.6

2.4

90-percentile Value

4.1

3.5

2.9

Maximum 1-hour Value

5.6

4.4

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)

WENTWORTH FALLS

Bodington Hospital

Bodington Drv

ALL HOURS IN MONTH:

% Sampling Time

91

90

89

Average

2.0

2.1

2.1

DAILY 1-HOUR MAXIMA:

Monthly Average

2.6

2.6

2.5

90-percentile Value

3.3

3.1

2.7

Maximum 1-hour Value

3.3

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)

WESTMEAD

Westmead Hospital

Hainsworth St

ALL HOURS IN MONTH:

% Sampling Time

43

69

71

Average

0.6

0.6

0.5

DAILY 1-HOUR MAXIMA:

Monthly Average

1.8

1.9

1.5

90-percentile Value

3.0

3.0

2.2

Maximum 1-hour Value

3.0

3.6

2.3

NEPM STANDARD LEVEL:

No. Hours Above Level

0 (0)

0 (0)

0 (0)

No. Days Above Level

0 (0)

0 (0)

0 (0)

NSW GOV'T LONG TERM GOAL:

No. Hours Above Goal

0 (0)

0 (0)

0 (0)

No. Days Above Goal

0 (0)

0 (0)

0 (0)

*** Data not available

1999 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

Parts per hundred million (pphm)

NSW GOV'T LONG TERM GOAL: 1-hour average = 8 pphm

1-HOUR CLOCK AVERAGE

4-hour average = 6 pphm

MONITORING SITE

APR

MAY

JUN

South West Sydney region

BARGO

Silica Rd

ALL HOURS IN MONTH:

% Sampling Time

95

96

96

Average

1.5

1.1

1.5

DAILY 1-HOUR MAXIMA:

Monthly Average

2.5

2.5

2.4

90-percentile Value

3.3

3.0

2.7

Maximum 1-hour Value

3.9

3.4

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)

BRINGELLY

Ramsay Rd

ALL HOURS IN MONTH:

% Sampling Time

96

95

95

Average

1.4

0.8

1.1

DAILY 1-HOUR MAXIMA:

Monthly Average

2.9

2.4

2.3

90-percentile Value

4.4

3.3

2.7

Maximum 1-hour Value

5.0

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)

CAMDEN #

Camden Airport

Aerodrome Rd

ALL HOURS IN MONTH:

% Sampling Time

100

99

96

Average

DAILY 1-HOUR MAXIMA:

Monthly Average

2.6

2.3

2.0

90-percentile Value

3.5

2.9

2.4

Maximum 1-hour Value

4.6

3.7

2.5

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

1999 Data

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

These are industry supplied data and have not undergone EPA QA/QC procedures

TABLE 1 (Cont'd)

OZONE (O₃)

NEPM STANDARD LEVEL: 1-hour average = 10 pphm

4-hour average = 8 pphm

Parts per hundred million (pphm)

NSW GOV'T LONG TERM GOAL: 1-hour average = 8 pphm

1-HOUR CLOCK AVERAGE

4-hour average = 6 pphm

MONITORING SITE

APR

MAY

JUN

South West Sydney region (Cont'd)

CAMPBELLTOWN #

Kanbyugal Reserve

Cronulla Cres.

ALL HOURS IN MONTH:

% Sampling Time

99

95

95

Average

DAILY 1-HOUR MAXIMA:

Monthly Average

2.8

2.3

2.3

90-percentile Value

3.6

3.1

2.9

Maximum 1-hour Value

4.8

3.4

3.2

NEPM STANDARD LEVEL:

No. Hours Above Level

0 (***)

0 (***)

0 (***)

No. Days Above Level

0 (***)

0 (***)

0 (***)

NSW GOV'T LONG TERM GOAL:

No. Hours Above Goal

0 (***)

0 (***)

0 (***)

No. Days Above Goal

0 (***)

0 (***)

0 (***)

LIVERPOOL

Rose St

ALL HOURS IN MONTH:

% Sampling Time

70

90

95

Average

1.0

0.5

0.7

DAILY 1-HOUR MAXIMA:

Monthly Average

2.7

1.9

1.8

90-percentile Value

4.2

2.8

2.4

Maximum 1-hour Value

4.4

3.6

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)

OAKDALE

Ridge Rd

ALL HOURS IN MONTH:

% Sampling Time

91

89

92

Average

2.2

2.1

2.2

DAILY 1-HOUR MAXIMA:

Monthly Average

2.9

2.8

2.7

90-percentile Value

4.2

3.4

2.9

Maximum 1-hour Value

4.7

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)

*** Data not available

1999 Data

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

These are industry supplied data and have not undergone EPA QA/QC procedures

TABLE 1 (Cont'd)

OZONE (O₃)

NEPM STANDARD LEVEL: 1-hour average = 10 pphm

4-hour average = 8 pphm

Parts per hundred million (pphm)

NSW GOV'T LONG TERM GOAL: 1-hour average = 8 pphm

1-HOUR CLOCK AVERAGE

4-hour average = 6 pphm

MONITORING SITE

APR

MAY

JUN

Illawarra region

ALBION PARK

Croome Rd

ALL HOURS IN MONTH:

% Sampling Time

89

89

91

Average

2.1

1.5

1.9

DAILY 1-HOUR MAXIMA:

Monthly Average

3.0

2.7

2.7

90-percentile Value

4.3

3.3

2.9

Maximum 1-hour Value

5.6

5.0

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)

KEMBLA GRANGE

Kembla Grange Racecourse

Princes Hwy

ALL HOURS IN MONTH:

% Sampling Time

92

91

87

Average

1.6

1.1

1.6

DAILY 1-HOUR MAXIMA:

Monthly Average

2.8

2.6

2.5

90-percentile Value

4.2

3.2

2.9

Maximum 1-hour Value

5.7

4.5

3.7

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)

WARRAWONG

Carlotta Cres

ALL HOURS IN MONTH:

% Sampling Time

90

92

80

Average

1.1

0.9

1.1

DAILY 1-HOUR MAXIMA:

Monthly Average

2.2

2.1

2.1

90-percentile Value

3.7

2.9

3.0

Maximum 1-hour Value

5.2

5.1

3.3

NEPM STANDARD LEVEL:

No. Hours Above Level

0 (0)

0 (0)

0 (0)

No. Days Above Level

0 (0)

0 (0)

0 (0)

NSW GOV'T LONG TERM GOAL:

No. Hours Above Goal

0 (0)

0 (0)

0 (0)

No. Days Above Goal

0 (0)

0 (0)

0 (0)

*** Data not available

1999 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

Parts per hundred million (pphm)

NSW GOV'T LONG TERM GOAL: 1-hour average = 8 pphm

1-HOUR CLOCK AVERAGE

4-hour average = 6 pphm

MONITORING SITE

APR

MAY

JUN

Illawarra region (Cont'd)

WOLLONGONG

Gipps St

ALL HOURS IN MONTH:

% Sampling Time

91

91

91

Average

1.4

1.0

1.3

DAILY 1-HOUR MAXIMA:

Monthly Average

2.7

2.5

2.2

90-percentile Value

4.6

3.2

2.7

Maximum 1-hour Value

6.4

5.0

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)

Lower Hunter region

BERESFIELD

Francis Greenway

High School

ALL HOURS IN MONTH:

% Sampling Time

95

95

96

Average

1.2

0.8

1.1

DAILY 1-HOUR MAXIMA:

Monthly Average

2.7

2.4

2.2

90-percentile Value

4.2

3.0

2.6

Maximum 1-hour Value

4.8

3.4

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)

NEWCASTLE

Athletics Field

Smith St

ALL HOURS IN MONTH:

% Sampling Time

96

68

95

Average

1.5

0.9

1.4

DAILY 1-HOUR MAXIMA:

Monthly Average

2.8

2.2

2.4

90-percentile Value

4.0

2.9

3.1

Maximum 1-hour Value

5.7

4.4

3.3

NEPM STANDARD LEVEL:

No. Hours Above Level

0 (0)

0 (0)

0 (0)

No. Days Above Level

0 (0)

0 (0)

0 (0)

NSW GOV'T LONG TERM GOAL:

No. Hours Above Goal

0 (0)

0 (0)

0 (0)

No. Days Above Goal

0 (0)

0 (0)

0 (0)

*** Data not available

1999 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

Parts per hundred million (pphm)

NSW GOV'T LONG TERM GOAL: 1-hour average = 8 pphm

1-HOUR CLOCK AVERAGE

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

71

85

Average

1.3

0.8

1.3

DAILY 1-HOUR MAXIMA:

Monthly Average

2.8

2.0

2.3

90-percentile Value

4.3

2.9

2.8

Maximum 1-hour Value

5.5

4.4

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

1999 Data

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

TABLE 2

NITROGEN DIOXIDE (NO₂)

NEPM STANDARD LEVEL:

1-hour average = 12 pphm

Parts per hundred million (pphm)

NSW GOV'T LONG TERM GOAL:

1-HOUR CLOCK AVERAGE

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	92	91	77
	Average	1.5	2.1	1.8
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	2.7	3.5	2.9
	90-percentile Value	4.3	4.4	4.0
	Maximum 1-hour Value	5.3	6.4	4.2
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	0	0
	No. Days Above Level	0	0	0
	NSW GOV'T LONG TERM GOAL:			
	No. Hours Above Goal	0	0	0
	No. Days Above Goal	0	0	0
LIDCOMBE				
EPA Laboratories				
Weeroona Rd	ALL HOURS IN MONTH:			
	% Sampling Time	72	94	88
	Average	1.6	2.3	2.0
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	2.6	3.7	3.1
	90-percentile Value	3.8	4.8	4.0
	Maximum 1-hour Value	4.4	7.3	4.1
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	0	0
	No. Days Above Level	0	0	0
	NSW GOV'T LONG TERM GOAL:			
	No. Hours Above Goal	0	0	0
	No. Days Above Goal	0	0	0
LINDFIELD				
Bradfield Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	91	83	91
	Average	1.3	1.6	1.5
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	2.4	2.8	2.6
	90-percentile Value	3.2	3.8	3.1
	Maximum 1-hour Value	3.9	5.7	5.3
	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

1999 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
Central East Sydney region (Cont'd)			
RANDWICK			
Randwick Barracks			
Cnr Avoca & Bundock Sts	ALL HOURS IN MONTH:		
	% Sampling Time	91	91
	Average	1.3	1.6
	DAILY 1-HOUR MAXIMA:		
	Monthly Average	2.7	2.8
	90-percentile Value	4.5	3.9
	Maximum 1-hour Value	4.7	4.0
	NEPM STANDARD LEVEL:		
	No. Hours Above Level	0	0
	No. Days Above Level	0	0
	NSW GOV'T LONG TERM GOAL:		
	No. Hours Above Goal	0	0
	No. Days Above Goal	0	0
ROZELLE			
Rozelle Hospital			
Balmain Rd	ALL HOURS IN MONTH:		
	% Sampling Time	91	91
	Average	1.5	1.7
	DAILY 1-HOUR MAXIMA:		
	Monthly Average	2.5	2.6
	90-percentile Value	3.9	3.5
	Maximum 1-hour Value	4.3	3.8
	NEPM STANDARD LEVEL:		
	No. Hours Above Level	0	0
	No. Days Above Level	0	0
	NSW GOV'T LONG TERM GOAL:		
	No. Hours Above Goal	0	0
	No. Days Above Goal	0	0
WOOLLOOWARE			
Woollooware Rd			
	ALL HOURS IN MONTH:		
	% Sampling Time	90	89
	Average	0.9	1.1
	DAILY 1-HOUR MAXIMA:		
	Monthly Average	1.8	2.0
	90-percentile Value	3.4	2.8
	Maximum 1-hour Value	4.1	3.2
	NEPM STANDARD LEVEL:		
	No. Hours Above Level	0	0
	No. Days Above Level	0	0
	NSW GOV'T LONG TERM GOAL:		
	No. Hours Above Goal	0	0
	No. Days Above Goal	0	0

*** Data not available

1999 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
North West Sydney region			
BLACKTOWN			
Flushcombe Rd			
ALL HOURS IN MONTH:			
% Sampling Time	92	92	88
Average	1.4	1.9	1.6
DAILY 1-HOUR MAXIMA:			
Monthly Average	2.7	3.2	2.6
90-percentile Value	4.2	4.7	3.0
Maximum 1-hour Value	4.7	5.8	3.4
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
RICHMOND			
University Of Western Sydney			
Vines Rd			
ALL HOURS IN MONTH:			
% Sampling Time	89	74	87
Average	0.6	0.9	0.8
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.6	2.0	1.7
90-percentile Value	2.4	2.8	2.2
Maximum 1-hour Value	3.4	3.5	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	91	91	92
Average	0.6	1.1	0.8
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.8	2.4	1.9
90-percentile Value	3.4	3.4	2.5
Maximum 1-hour Value	4.0	4.2	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

*** Data not available

1999 Data

TABLE 2 (Cont'd)

NITROGEN DIOXIDE (NO₂)

NEPM STANDARD LEVEL:

1-hour average = 12 pphm

Parts per hundred million (pphm)

NSW GOV'T LONG TERM GOAL:

1-HOUR CLOCK AVERAGE

1-hour average = 10.5 pphm

MONITORING SITE		APR	MAY	JUN
North West Sydney region (Cont'd)				
VINEYARD				
Castle Hill STP				
Bandon Rd	ALL HOURS IN MONTH:			
	% Sampling Time	92	91	92
	Average	0.9	1.3	1.1
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	2.1	2.7	2.3
	90-percentile Value	2.9	3.8	3.1
	Maximum 1-hour Value	4.1	4.6	3.2
	NEPM STANDARD LEVEL:			
	No. Hours Above Level	0	0	0
	No. Days Above Level	0	0	0
	NSW GOV'T LONG TERM GOAL:			
	No. Hours Above Goal	0	0	0
	No. Days Above Goal	0	0	0
WENTWORTH FALLS				
Bodington Hospital				
Bodington Drv	ALL HOURS IN MONTH:			
	% Sampling Time	87	86	85
	Average	0.2	0.4	0.2
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.1	1.9	1.0
	90-percentile Value	3.6	4.3	3.3
	Maximum 1-hour Value	4.4	6.3	3.4
	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
WESTMEAD				
Westmead Hospital				
Hainsworth St	ALL HOURS IN MONTH:			
	% Sampling Time	45	75	68
	Average	1.6	1.8	1.6
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	2.9	3.3	2.7
	90-percentile Value	4.3	4.2	3.3
	Maximum 1-hour Value	4.6	7.7	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

*** Data not available

1999 Data

TABLE 2 (Cont'd)

NITROGEN DIOXIDE (NO₂)

NEPM STANDARD LEVEL:

1-hour average = 12 pphm

Parts per hundred million (pphm)

NSW GOV'T LONG TERM GOAL:

1-HOUR CLOCK AVERAGE

1-hour average = 10.5 pphm

MONITORING SITE	APR	MAY	JUN
South West Sydney region			
BARGO			
Silica Rd			
ALL HOURS IN MONTH:			
% Sampling Time	91	91	92
Average	0.6	1.0	0.7
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.7	2.4	1.7
90-percentile Value	3.1	3.4	2.5
Maximum 1-hour Value	4.2	4.1	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	92	91	85
Average	0.6	0.9	0.7
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.4	2.1	1.6
90-percentile Value	2.5	3.0	2.3
Maximum 1-hour Value	2.8	4.5	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
CAMDEN			
Camden Airport			
Aerodrome Rd			
ALL HOURS IN MONTH:			
% Sampling Time	72	65	82
Average	0.5	0.8	0.5
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.4	1.7	1.2
90-percentile Value	2.3	2.5	2.3
Maximum 1-hour Value	2.8	3.2	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

1999 Data

TABLE 2 (Cont'd)

NITROGEN DIOXIDE (NO₂)

NEPM STANDARD LEVEL:

1-hour average = 12 pphm

Parts per hundred million (pphm)

NSW GOV'T LONG TERM GOAL:

1-HOUR CLOCK AVERAGE

1-hour average = 10.5 pphm

MONITORING SITE		APR	MAY	JUN
South West Sydney region (Cont'd)				
CAMPBELLTOWN #				
Kanbyugal Reserve				
Cronulla Cres.	ALL HOURS IN MONTH:			
	% Sampling Time	98	67	95
	Average	***	***	***
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	2.4	2.1	2.3
	90-percentile Value	3.8	2.7	3.0
	Maximum 1-hour Value	5.2	4.1	4.1
	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
LIVERPOOL				
Rose St				
	ALL HOURS IN MONTH:			
	% Sampling Time	91	84	85
	Average	1.4	1.7	1.5
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	2.7	2.8	2.5
	90-percentile Value	4.1	3.8	3.2
	Maximum 1-hour Value	4.3	5.4	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	87	91	87
	Average	0.2	0.3	0.2
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.5	0.9	0.6
	90-percentile Value	1.0	1.6	1.3
	Maximum 1-hour Value	2.0	4.1	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

1999 Data

These are industry supplied data and have not undergone EPA QA/QC procedures

TABLE 2 (Cont'd)

NITROGEN DIOXIDE (NO₂)

NEPM STANDARD LEVEL:

1-hour average = 12 pphm

Parts per hundred million (pphm)

NSW GOV'T LONG TERM GOAL:

1-HOUR CLOCK AVERAGE

1-hour average = 10.5 pphm

MONITORING SITE	APR	MAY	JUN
Illawarra region			
ALBION PARK			
Croome Rd			
ALL HOURS IN MONTH:			
% Sampling Time	89	89	91
Average	0.2	0.7	0.4
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.7	1.9	1.1
90-percentile Value	1.6	3.3	2.5
Maximum 1-hour Value	2.3	4.9	3.4
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	0
No. Days Above Goal	0	0	0
KEMBLA GRANGE			
Kembla Grange Racecourse			
Princes Hwy			
ALL HOURS IN MONTH:			
% Sampling Time	92	86	83
Average	0.7	1.1	0.7
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.5	2.1	1.4
90-percentile Value	2.3	2.9	2.2
Maximum 1-hour Value	3.2	4.1	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	90	92	80
Average	0.9	1.4	1.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	1.8	2.8	1.9
90-percentile Value	3.6	3.4	2.7
Maximum 1-hour Value	4.0	4.7	3.0
NEPM STANDARD LEVEL:			
No. Hours Above Level	0	0	0
No. Days Above Level	0	0	0
NSW GOV'T LONG TERM GOAL:			
No. Hours Above Goal	0	0	0
No. Days Above Goal	0	0	0

*** Data not available

1999 Data

TABLE 2 (Cont'd)

NITROGEN DIOXIDE (NO₂)

NEPM STANDARD LEVEL:

1-hour average = 12 pphm

Parts per hundred million (pphm)

NSW GOV'T LONG TERM GOAL:

1-HOUR CLOCK AVERAGE

1-hour average = 10.5 pphm

MONITORING SITE

APR

MAY

JUN

Illawarra region (Cont'd)

WOLLONGONG

Gipps St

ALL HOURS IN MONTH:

% Sampling Time

91

91

90

Average

1.0

1.4

1.2

DAILY 1-HOUR MAXIMA:

Monthly Average

2.2

2.6

2.2

90-percentile Value

3.8

3.4

2.7

Maximum 1-hour Value

4.4

4.6

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

Lower Hunter region

BERESFIELD

Francis Greenway

High School

ALL HOURS IN MONTH:

% Sampling Time

91

91

92

Average

1.0

1.1

1.0

DAILY 1-HOUR MAXIMA:

Monthly Average

2.0

2.1

2.0

90-percentile Value

2.7

2.7

2.4

Maximum 1-hour Value

4.2

3.9

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

NEWCASTLE

Athletics Field

Smith St

ALL HOURS IN MONTH:

% Sampling Time

91

92

91

Average

0.9

1.4

1.4

DAILY 1-HOUR MAXIMA:

Monthly Average

1.9

2.5

2.6

90-percentile Value

2.8

3.9

3.3

Maximum 1-hour Value

3.5

4.2

4.2

NEPM STANDARD LEVEL:

No. Hours Above Level

0

0

0

No. Days Above Level

0

0

0

NSW GOV'T LONG TERM GOAL:

No. Hours Above Goal

0

0

0

No. Days Above Goal

0

0

0

*** Data not available

1999 Data

TABLE 2 (Cont'd)

NITROGEN DIOXIDE (NO₂)

NEPM STANDARD LEVEL:

1-hour average = 12 ppm

NSW GOV'T LONG TERM GOAL:

1-hour average = 10.5 ppm

Parts per hundred million (pphm)

1-HOUR CLOCK AVERAGE

MONITORING SITE

APR

MAY

JUN

Lower Hunter region (Cont'd)

WALLSEND

Swimming Pool

Frances St

ALL HOURS IN MONTH:

% Sampling Time

91

89

81

Average

1.1

1.2

0.9

DAILY 1-HOUR MAXIMA:

Monthly Average

1.9

1.9

1.5

90-percentile Value

2.9

2.6

2.0

Maximum 1-hour Value

3.4

2.8

2.3

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

1999 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	92	92	91	91	77	77
	Average	5.2	3.7	12.7	10.5	8.0	6.2
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	16.7	14.5	35.4	32.7	21.9	19.6
	90-percentile Value	30.4	28.0	53.3	49.9	46.2	43.7
	Maximum 1-hour Value	33.0	29.7	57.7	54.1	47.1	44.8
LIDCOMBE							
EPA Laboratories							
Weeroona Rd	ALL HOURS IN MONTH:						
	% Sampling Time	72	72	94	94	88	88
	Average	4.6	2.9	8.2	6.0	6.4	4.5
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	12.7	10.5	21.6	18.6	16.1	13.5
	90-percentile Value	19.1	16.3	32.1	28.5	27.9	24.8
	Maximum 1-hour Value	24.5	21.0	36.6	33.5	43.2	39.9
LINDFIELD							
Bradfield Rd							
	ALL HOURS IN MONTH:						
	% Sampling Time	91	91	83	83	91	91
	Average	2.9	1.6	5.6	3.9	4.2	2.7
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	8.2	6.2	13.9	12.1	11.0	8.9
	90-percentile Value	13.2	11.0	20.3	18.6	18.5	16.5
	Maximum 1-hour Value	14.2	11.9	24.8	22.2	24.7	23.0
RANDWICK							
Randwick Barracks							
Cnr Avoca & Bundock Sts	ALL HOURS IN MONTH:						
	% Sampling Time	91	91	91	91	91	91
	Average	3.4	2.1	7.4	5.2	4.9	3.2
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	10.4	8.0	19.5	16.5	14.5	11.9
	90-percentile Value	18.1	15.5	27.6	24.0	24.5	21.3
	Maximum 1-hour Value	21.1	18.0	32.0	28.7	43.2	39.1
ROZELLE							
Rozelle Hospital							
Balmain Rd	ALL HOURS IN MONTH:						
	% Sampling Time	91	91	90	90	91	91
	Average	3.8	2.2	7.4	5.4	5.2	3.5
	DAILY 1-HOUR MAXIMA:						
	Monthly Average	9.8	7.7	19.0	16.6	14.0	11.7
	90-percentile Value	15.3	12.5	29.1	26.8	25.2	22.3
	Maximum 1-hour Value	25.6	23.3	38.1	33.1	37.2	34.0

*** Data not available

1999 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)

WOOLLOOWARE

Woollooware Rd

ALL HOURS IN MONTH:

% Sampling Time

90	90	92	92	89	89
----	----	----	----	----	----

Average

1.7	0.8	5.8	4.3	3.2	2.1
-----	-----	-----	-----	-----	-----

DAILY 1-HOUR MAXIMA:

Monthly Average

4.9	3.4	16.4	14.6	9.2	7.5
-----	-----	------	------	-----	-----

90-percentile Value

10.6	7.7	26.8	24.7	22.2	20.2
------	-----	------	------	------	------

Maximum 1-hour Value

14.0	10.9	36.3	34.1	29.3	27.1
------	------	------	------	------	------

North West Sydney region

BLACKTOWN

Flushcombe Rd

ALL HOURS IN MONTH:

% Sampling Time

92	92	92	92	88	88
----	----	----	----	----	----

Average

3.2	1.7	6.8	4.8	4.7	3.1
-----	-----	-----	-----	-----	-----

DAILY 1-HOUR MAXIMA:

Monthly Average

9.2	7.0	17.5	14.8	14.1	11.8
-----	-----	------	------	------	------

90-percentile Value

14.7	13.0	27.8	24.5	24.4	22.3
------	------	------	------	------	------

Maximum 1-hour Value

24.3	20.3	39.4	35.5	29.3	26.7
------	------	------	------	------	------

RICHMOND

University Of Western Sydney

Vines Rd

ALL HOURS IN MONTH:

% Sampling Time

89	89	74	74	87	87
----	----	----	----	----	----

Average

1.0	0.4	2.5	1.6	1.9	1.1
-----	-----	-----	-----	-----	-----

DAILY 1-HOUR MAXIMA:

Monthly Average

2.5	1.4	6.2	4.8	5.0	3.7
-----	-----	-----	-----	-----	-----

90-percentile Value

4.3	2.8	10.2	8.6	8.7	7.7
-----	-----	------	-----	-----	-----

Maximum 1-hour Value

4.9	3.7	13.6	11.2	14.6	12.8
-----	-----	------	------	------	------

ST MARYS

Mamre Rd

ALL HOURS IN MONTH:

% Sampling Time

91	91	91	91	92	92
----	----	----	----	----	----

Average

1.5	0.8	4.2	3.1	3.2	2.3
-----	-----	-----	-----	-----	-----

DAILY 1-HOUR MAXIMA:

Monthly Average

6.0	4.8	12.1	10.7	11.7	10.2
-----	-----	------	------	------	------

90-percentile Value

17.2	14.8	19.8	18.6	26.1	23.9
------	------	------	------	------	------

Maximum 1-hour Value

17.6	16.4	23.3	20.9	28.4	26.2
------	------	------	------	------	------

VINEYARD

Castle Hill STP

Bandon Rd

ALL HOURS IN MONTH:

% Sampling Time

92	92	91	91	92	92
----	----	----	----	----	----

Average

1.3	0.4	2.9	1.6	2.1	1.0
-----	-----	-----	-----	-----	-----

DAILY 1-HOUR MAXIMA:

Monthly Average

3.5	1.8	6.5	4.6	5.6	3.7
-----	-----	-----	-----	-----	-----

90-percentile Value

5.6	3.8	10.1	7.9	8.8	6.8
-----	-----	------	-----	-----	-----

Maximum 1-hour Value

6.2	4.8	13.3	10.7	11.0	9.3
-----	-----	------	------	------	-----

*** Data not available

1999 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)						
WENTWORTH FALLS						
Bodington Hospital						
Bodington Drv	ALL HOURS IN MONTH:					
	% Sampling Time					
	87	87	86	86	85	85
	Average					
	0.5	0.2	0.7	0.2	0.5	0.2
	DAILY 1-HOUR MAXIMA:					
	Monthly Average					
	1.8	0.7	2.9	1.2	1.7	0.7
	90-percentile Value					
	5.6	2.7	6.3	2.8	5.7	2.5
	Maximum 1-hour Value					
	6.4	2.9	9.4	9.4	5.8	2.5
WESTMEAD						
Westmead Hospital						
Hainsworth St	ALL HOURS IN MONTH:					
	% Sampling Time					
	45	45	75	75	68	68
	Average					
	5.0	3.4	9.8	7.9	7.7	6.0
	DAILY 1-HOUR MAXIMA:					
	Monthly Average					
	14.3	12.4	24.8	22.5	22.2	19.9
	90-percentile Value					
	24.0	21.2	34.5	30.5	36.5	34.2
	Maximum 1-hour Value					
	24.6	21.8	48.6	45.0	42.5	39.3
South West Sydney region						
BARGO						
Silica Rd						
	ALL HOURS IN MONTH:					
	% Sampling Time					
	91	91	91	91	92	92
	Average					
	1.2	0.5	3.1	2.0	1.5	0.8
	DAILY 1-HOUR MAXIMA:					
	Monthly Average					
	4.6	2.9	13.5	11.2	7.0	5.3
	90-percentile Value					
	13.5	10.0	24.8	21.8	17.8	15.6
	Maximum 1-hour Value					
	19.4	17.6	31.1	27.8	21.2	19.1
BRINGELLY						
Ramsay Rd						
	ALL HOURS IN MONTH:					
	% Sampling Time					
	92	92	91	91	85	85
	Average					
	1.0	0.4	2.7	1.8	1.8	1.0
	DAILY 1-HOUR MAXIMA:					
	Monthly Average					
	2.4	1.4	6.0	4.9	4.4	3.2
	90-percentile Value					
	4.7	3.4	9.6	8.3	6.6	5.3
	Maximum 1-hour Value					
	4.9	3.8	10.7	9.0	7.3	6.3
CAMDEN						
Camden Airport						
Aerodrome Rd	ALL HOURS IN MONTH:					
	% Sampling Time					
	72	72	65	65	82	82
	Average					
	0.9	0.4	2.2	1.3	1.0	0.6
	DAILY 1-HOUR MAXIMA:					
	Monthly Average					
	2.4	1.5	4.8	3.8	3.0	2.1
	90-percentile Value					
	4.9	3.7	7.2	5.8	6.3	5.4
	Maximum 1-hour Value					
	6.0	4.5	10.2	7.9	6.9	5.8

*** Data not available

1999 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)

CAMPBELLTOWN

Kanbyugal Reserve

Cronulla Cres.

ALL HOURS IN MONTH:

% Sampling Time

Average

DAILY 1-HOUR MAXIMA:

Monthly Average

90-percentile Value

Maximum 1-hour Value

98	98	67	67	95	95
***	***	***	***	***	***
8.1	5.8	12.0	10.1	11.1	9.0
16.8	12.6	17.0	15.5	20.4	18.2
22.4	19.3	21.3	19.8	29.1	25.1

LIVERPOOL

Rose St

ALL HOURS IN MONTH:

% Sampling Time

Average

DAILY 1-HOUR MAXIMA:

Monthly Average

90-percentile Value

Maximum 1-hour Value

91	91	84	84	85	85
4.4	2.9	9.4	7.7	6.1	4.5
15.0	12.7	29.2	26.9	19.3	17.1
29.1	26.6	46.0	43.6	39.5	37.1
39.2	35.2	55.2	51.9	42.1	39.2

OAKDALE

Ridge Rd

ALL HOURS IN MONTH:

% Sampling Time

Average

DAILY 1-HOUR MAXIMA:

Monthly Average

90-percentile Value

Maximum 1-hour Value

87	87	91	91	87	87
0.2	0.1	0.4	0.2	0.2	0.1
0.7	0.2	1.5	0.7	0.8	0.3
1.5	0.4	2.1	1.1	1.9	0.8
2.0	1.3	10.9	6.7	2.7	1.6

Illawarra region

ALBION PARK

Croome Rd

ALL HOURS IN MONTH:

% Sampling Time

Average

DAILY 1-HOUR MAXIMA:

Monthly Average

90-percentile Value

Maximum 1-hour Value

89	89	89	89	91	91
0.3	0.1	1.1	0.4	0.6	0.2
1.1	0.4	3.8	2.3	2.2	1.2
2.5	1.1	7.8	5.7	5.5	3.8
2.9	1.4	11.5	9.4	7.2	5.4

KEMBLA GRANGE

Kembla Grange Racecourse

Princes Hwy

ALL HOURS IN MONTH:

% Sampling Time

Average

DAILY 1-HOUR MAXIMA:

Monthly Average

90-percentile Value

Maximum 1-hour Value

92	92	86	86	83	83
1.1	0.4	2.6	1.5	1.3	0.6
3.7	2.4	8.2	6.6	4.2	2.9
9.2	8.0	13.6	11.9	10.9	9.6
14.0	11.0	21.9	20.3	11.6	10.4

*** Data not available

1999 Data

These are industry supplied data and have not undergone EPA QA/QC procedures

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
<i>Illawarra region (Cont'd)</i>						
WARRAWONG						
Carlotta Cres						
ALL HOURS IN MONTH:						
% Sampling Time	90	90	92	92	80	80
Average	1.4	0.5	3.4	1.9	2.0	0.9
DAILY 1-HOUR MAXIMA:						
Monthly Average	3.8	2.1	10.8	8.5	5.6	3.7
90-percentile Value	6.9	3.9	14.3	12.2	11.4	9.3
Maximum 1-hour Value	14.5	12.3	16.9	14.9	15.8	13.9
WOLLONGONG						
Gipps St						
ALL HOURS IN MONTH:						
% Sampling Time	91	91	91	91	90	90
Average	2.4	1.3	5.7	4.2	3.1	1.8
DAILY 1-HOUR MAXIMA:						
Monthly Average	8.0	6.1	20.2	18.0	11.0	8.9
90-percentile Value	17.6	15.9	31.9	29.5	26.7	24.6
Maximum 1-hour Value	22.9	20.9	32.9	30.6	32.7	30.8
<i>Lower Hunter region</i>						
BERESFIELD						
Francis Greenway						
High School						
ALL HOURS IN MONTH:						
% Sampling Time	91	91	91	91	92	92
Average	2.2	1.1	3.8	2.6	2.5	1.5
DAILY 1-HOUR MAXIMA:						
Monthly Average	5.9	4.3	10.8	9.2	7.0	5.4
90-percentile Value	10.4	9.0	16.8	14.8	12.9	11.7
Maximum 1-hour Value	13.3	11.7	19.2	17.1	16.3	13.8
NEWCASTLE						
Athletics Field						
Smith St						
ALL HOURS IN MONTH:						
% Sampling Time	91	91	92	92	91	91
Average	2.0	1.1	4.6	3.2	3.4	2.0
DAILY 1-HOUR MAXIMA:						
Monthly Average	5.5	3.9	12.5	10.6	10.1	7.7
90-percentile Value	10.1	8.3	21.8	20.0	21.8	18.4
Maximum 1-hour Value	13.6	10.5	24.6	21.8	29.1	26.6
WALLSEND						
Swimming Pool						
Frances St						
ALL HOURS IN MONTH:						
% Sampling Time	91	91	89	89	81	81
Average	2.2	1.1	4.1	2.8	2.4	1.3
DAILY 1-HOUR MAXIMA:						
Monthly Average	5.4	3.9	9.7	8.3	5.9	4.6
90-percentile Value	9.4	7.8	16.5	15.4	11.8	10.9
Maximum 1-hour Value	11.2	9.3	19.1	17.7	14.5	13.0

*** Data not available

1999 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	68	59	99
	Monthly Average	0.4	0.5	0.4
	90-percentile Value	0.6	1.0	1.1
	Maximum 24-hour Average	0.7	0.8	1.6
	Maximum 1-hour Value	1.4	1.8	3.0
RANDWICK				
Randwick Barracks				
Cnr Avoca & Bundock Sts	% Sampling Time	59	98	99
	Monthly Average	0.2	0.2	0.1
	90-percentile Value	0.3	0.4	0.3
	Maximum 24-hour Average	0.3	0.4	0.4
	Maximum 1-hour Value	0.7	0.8	0.8
ROZELLE				
Rozelle Hospital				
Balmain Rd	% Sampling Time	75	96	99
	Monthly Average	0.2	0.5	0.3
	90-percentile Value	0.5	1.0	0.7
	Maximum 24-hour Average	0.5	0.9	1.1
	Maximum 1-hour Value	0.9	1.8	2.7
WOOLLOOWARE				
Woollooware Rd				
	% Sampling Time	98	99	91
	Monthly Average	0.3	0.4	0.3
	90-percentile Value	0.6	0.7	0.6
	Maximum 24-hour Average	0.8	0.6	0.5
	Maximum 1-hour Value	1.1	1.2	1.6
North West Sydney region				
BLACKTOWN				
Flushcombe Rd				
	% Sampling Time	90	100	96
	Monthly Average	0.2	0.4	0.3
	90-percentile Value	0.4	0.9	0.8
	Maximum 24-hour Average	0.4	0.8	1.2
	Maximum 1-hour Value	0.7	1.7	2.6

*** Data not available

1999 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 (Cont'd)				
RICHMOND				
University Of Western Sydney				
Vines Rd				
	% Sampling Time	97	100	92
	Monthly Average	0.2	0.4	0.3
	90-percentile Value	0.4	0.6	0.6
	Maximum 24-hour Average	0.4	0.6	0.8
	Maximum 1-hour Value	0.8	1.3	2.0
ST MARYS				
Mamre Rd				
	% Sampling Time	99	95	99
	Monthly Average	0.2	0.3	0.2
	90-percentile Value	0.3	0.5	0.4
	Maximum 24-hour Average	0.3	0.5	0.5
	Maximum 1-hour Value	1.3	1.0	1.3
WENTWORTH FALLS				
Bodington Hospital				
Bodington Drv				
	% Sampling Time	95	94	93
	Monthly Average	0.2	0.2	0.2
	90-percentile Value	0.4	0.3	0.2
	Maximum 24-hour Average	0.4	0.4	0.3
	Maximum 1-hour Value	0.9	2.7	2.3
WESTMEAD				
Westmead Hospital				
Hainsworth St				
	% Sampling Time	49	92	91
	Monthly Average	0.2	0.4	0.4
	90-percentile Value	0.4	0.9	0.8
	Maximum 24-hour Average	0.4	0.7	0.8
	Maximum 1-hour Value	1.2	1.4	1.9
South West Sydney region				
BARGO				
Silica Rd				
	% Sampling Time	99	99	99
	Monthly Average	0.2	0.3	0.2
	90-percentile Value	0.4	0.6	0.3
	Maximum 24-hour Average	0.5	0.6	0.4
	Maximum 1-hour Value	0.9	4.7	2.4

*** Data not available

1999 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	99	99	99
	Monthly Average	0.3	0.4	0.3
	90-percentile Value	0.5	0.7	0.8
	Maximum 24-hour Average	0.6	0.6	0.8
	Maximum 1-hour Value	1.2	1.8	2.0
LIVERPOOL				
Rose St				
	% Sampling Time	99	100	99
	Monthly Average	0.2	0.4	0.4
	90-percentile Value	0.4	0.8	0.9
	Maximum 24-hour Average	0.5	0.7	1.0
	Maximum 1-hour Value	1.0	1.7	2.0
OAKDALE				
Ridge Rd				
	% Sampling Time	93	100	95
	Monthly Average	0.2	0.2	0.1
	90-percentile Value	0.4	0.3	0.2
	Maximum 24-hour Average	0.5	0.5	0.3
	Maximum 1-hour Value	0.7	1.1	1.0
Illawarra region				
ALBION PARK				
Croome Rd				
	% Sampling Time	96	96	98
	Monthly Average	0.2	0.2	0.1
	90-percentile Value	0.4	0.4	0.2
	Maximum 24-hour Average	0.5	0.4	0.3
	Maximum 1-hour Value	0.9	0.8	0.6
KEMBLA GRANGE				
Kembla Grange Racecourse				
Princes Hwy				
	% Sampling Time	***	59	94
	Monthly Average	***	0.2	0.1
	90-percentile Value	***	0.3	0.2
	Maximum 24-hour Average	***	0.3	0.2
	Maximum 1-hour Value	***	0.7	0.9

*** Data not available

1999 Data

TABLE 4.1 (Cont'd)

PARTICULATE MATTER: BY NEPHELOMETER (NEPH)

Coefficient of light scattering by fine particles per 10 km

1-HOUR CLOCK AVERAGE

MONITORING SITE		APR	MAY	JUN
<i>Illawarra region (Cont'd)</i>				
WOLLONGONG				
Gipps St				
	% Sampling Time	99	99	98
	Monthly Average	0.2	0.3	0.2
	90-percentile Value	0.4	0.5	0.4
	Maximum 24-hour Average	0.5	0.5	0.4
	Maximum 1-hour Value	1.3	1.2	1.0
<i>Lower Hunter region</i>				
BERESFIELD				
Francis Greenway				
High School				
	% Sampling Time	54	80	54
	Monthly Average	0.1	0.3	0.2
	90-percentile Value	0.2	0.6	0.5
	Maximum 24-hour Average	0.2	0.5	0.5
	Maximum 1-hour Value	0.3	1.3	1.1
NEWCASTLE				
Athletics Field				
Smith St				
	% Sampling Time	73	99	94
	Monthly Average	0.1	0.2	0.2
	90-percentile Value	0.2	0.5	0.5
	Maximum 24-hour Average	0.3	0.8	0.5
	Maximum 1-hour Value	0.4	1.8	1.6
WALLSEND				
Swimming Pool				
Frances St				
	% Sampling Time	86	76	98
	Monthly Average	0.2	0.3	0.2
	90-percentile Value	0.4	0.6	0.5
	Maximum 24-hour Average	0.6	0.6	0.6
	Maximum 1-hour Value	0.8	1.6	1.8
<i>Central Tablelands region</i>				
LITHGOW				
Main St				
	% Sampling Time	100	100	100
	Monthly Average	0.6	0.6	0.6
	90-percentile Value	1.4	1.5	1.7
	Maximum 24-hour Average	1.5	1.5	1.4
	Maximum 1-hour Value	4.8	4.6	3.9

*** Data not available

1999 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
Central Tablelands region (Cont'd)				
ORANGE				
Calare Public School				
Wentworth Lane				
	% Sampling Time	100	100	100
	Monthly Average	0.5	0.9	0.6
	90-percentile Value	1.2	2.7	1.7
	Maximum 24-hour Average	1.3	2.1	3.0
	Maximum 1-hour Value	4.9	6.9	8.2
Southern Tablelands region				
COOMA				
Swimming Pool				
Smith St				
	% Sampling Time	100	***	***
	Monthly Average	0.7	***	***
	90-percentile Value	1.4	***	***
	Maximum 24-hour Average	1.7	***	***
	Maximum 1-hour Value	4.9	***	***
Riverina region				
GRIFFITH				
Griffith Base Hospital				
Animoo St				
	% Sampling Time	98	100	64
	Monthly Average	0.6	0.8	0.8
	90-percentile Value	0.9	1.1	1.1
	Maximum 24-hour Average	1.0	1.2	1.4
	Maximum 1-hour Value	1.7	3.0	5.5

*** Data not available

1999 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	4	5
	Monthly Average	19	32	29
	Highest Value	28	41	45
ROZELLE				
Rozelle Hospital				
Balmain Rd				
	Number of Samples	5	5	4
	Monthly Average	20	35	27
	Highest Value	26	41	38
Illawarra region				
PORT KEMBLA				
Cnr Church & Kembla Sts				
	Number of Samples	5	5	4
	Monthly Average	24	34	21
	Highest Value	25	49	32
PORT KEMBLA				
Cnr Blaxland Ave				
& Flagstaff Rd				
	Number of Samples	5	4	***
	Monthly Average	24	39	***
	Highest Value	34	51	***
PORT KEMBLA				
Fire Station				
Military Road				
	Number of Samples	5	5	4
	Monthly Average	43	57	42
	Highest Value	47	77	60

*** Data not available

1999 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	5	5
	Monthly Average	14	25	19
	Highest Value	20	30	28
LINDFIELD				
Bradfield Rd				
	Number of Samples	5	5	5
	Monthly Average	11	16	15
	Highest Value	16	18	23
ROZELLE				
Rozelle Hospital				
Balmain Rd	Number of Samples	5	5	5
	Monthly Average	12	25	16
	Highest Value	17	29	23
North West Sydney region				
BLACKTOWN				
Flushcombe Rd				
	Number of Samples	5	5	5
	Monthly Average	11	23	18
	Highest Value	17	27	28
RICHMOND				
University Of Western Sydney				
Vines Rd	Number of Samples	5	5	5
	Monthly Average	10	17	10
	Highest Value	21	24	14
Illawarra region				
ALBION PARK				
Croome Rd				
	Number of Samples	5	5	5
	Monthly Average	9	26	5
	Highest Value	19	50	12
KEMBLA GRANGE				
Kembla Grange Racecourse				
Princes Hwy	Number of Samples	5	5	4
	Monthly Average	8	21	8
	Highest Value	10	31	20

*** Data not available

1999 Data

TABLE 4.3 (Cont'd)

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

24-HOUR CLOCK SAMPLE (6-DAY CYCLE)

MONITORING SITE		APR	MAY	JUN
<i>Illawarra region (Cont'd)</i>				
WARRAWONG				
Carlotta Cres				
	Number of Samples	5	5	4
	Monthly Average	9	14	8
	Highest Value	13	21	13
WOLLONGONG				
Gipps St				
	Number of Samples	5	5	4
	Monthly Average	10	15	9
	Highest Value	13	18	15
<i>Lower Hunter region</i>				
BERESFIELD				
Francis Greenway				
High School				
	Number of Samples	5	5	5
	Monthly Average	9	17	9
	Highest Value	15	22	13
NEWCASTLE				
Athletics Field				
Smith St				
	Number of Samples	5	5	5
	Monthly Average	16	21	11
	Highest Value	20	31	19
WALLSEND				
Swimming Pool				
Frances St				
	Number of Samples	5	5	5
	Monthly Average	11	18	9
	Highest Value	18	20	15
<i>South Coast region</i>				
NOWRA				
Sewerage Plant				
	Number of Samples	5	4	5
	Monthly Average	5	10	4
	Highest Value	9	14	7

*** Data not available

1999 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	95	65	85
	Average	15	20	15
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	31	50	32
	90-percentile Value	49	87	58
	Maximum 1-hour Value	56	130	63
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0
LIDCOMBE				
EPA Laboratories				
Weeroona Rd	ALL HOURS IN MONTH:			
	% Sampling Time	98	98	73
	Average	15	19	15
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	25	39	34
	90-percentile Value	39	54	43
	Maximum 1-hour Value	47	73	96
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0
LINDFIELD				
Bradfield Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	***	***	99
	Average	***	***	11
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	***	***	22
	90-percentile Value	***	***	35
	Maximum 1-hour Value	***	***	50
	NEPM STANDARD LEVEL:			
	No. Days Above Level	***	***	0
RANDWICK				
Randwick Barracks				
Cnr Avoca & Bundock Sts	ALL HOURS IN MONTH:			
	% Sampling Time	100	63	100
	Average	17	18	15
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	31	35	28
	90-percentile Value	44	58	46
	Maximum 1-hour Value	58	84	57
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0

*** Data not available

1999 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)			
WOOLOOWARE			
Woollooware Rd			
ALL HOURS IN MONTH:			
% Sampling Time	99	99	100
Average	15	15	12
DAILY 1-HOUR MAXIMA:			
Monthly Average	26	31	22
90-percentile Value	37	42	36
Maximum 1-hour Value	48	58	42
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0
North West Sydney region			
BLACKTOWN			
Flushcombe Rd			
ALL HOURS IN MONTH:			
% Sampling Time	99	38	99
Average	14	16	15
DAILY 1-HOUR MAXIMA:			
Monthly Average	25	31	32
90-percentile Value	38	51	57
Maximum 1-hour Value	52	53	59
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0
RICHMOND			
University Of Western Sydney			
Vines Rd			
ALL HOURS IN MONTH:			
% Sampling Time	97	100	95
Average	12	13	12
DAILY 1-HOUR MAXIMA:			
Monthly Average	27	34	25
90-percentile Value	40	59	39
Maximum 1-hour Value	102	115	63
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0
ST MARYS			
Mamre Rd			
ALL HOURS IN MONTH:			
% Sampling Time	100	88	97
Average	12	14	11
DAILY 1-HOUR MAXIMA:			
Monthly Average	27	29	24
90-percentile Value	49	43	34
Maximum 1-hour Value	62	59	61
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0

*** Data not available

1999 Data

TABLE 4.4 (Cont'd)

PARTICULATE MATTER: BY TAPERED ELEMENT

OSCILLATING MICROBALANCE (TEOM-PM₁₀)Micrograms per cubic metre at 0° Celsius (µg/m³ at 0°C)

1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL:

24-hour average = 50 µg/m³

MONITORING SITE		APR	MAY	JUN
North West Sydney region (Cont'd)				
VINEYARD				
Castle Hill STP				
Bandon Rd	ALL HOURS IN MONTH:			
	% Sampling Time	100	100	99
	Average	14	16	12
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	27	36	27
	90-percentile Value	43	63	48
	Maximum 1-hour Value	65	87	77
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0
WESTMEAD				
Westmead Hospital				
Hainsworth St	ALL HOURS IN MONTH:			
	% Sampling Time	48	90	55
	Average	14	21	18
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	28	40	36
	90-percentile Value	44	58	57
	Maximum 1-hour Value	45	70	71
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0
South West Sydney region				
BRINGELLY				
Ramsay Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	96	99	97
	Average	13	16	12
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	29	37	29
	90-percentile Value	55	64	42
	Maximum 1-hour Value	76	90	50
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0
CAMPBELLTOWN				
Kanbyugal Reserve				
Cronulla Cres.	ALL HOURS IN MONTH:			
	% Sampling Time	99	100	98
	Average	14	17	13
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	28	37	30
	90-percentile Value	49	53	49
	Maximum 1-hour Value	88	80	64
	NEPM STANDARD LEVEL:			
	No. Days Above Level	0	0	0

*** Data not available

1999 Data

TABLE 4.4 (Cont'd)

PARTICULATE MATTER: BY TAPERED ELEMENT

OSCILLATING MICROBALANCE (TEOM-PM₁₀)Micrograms per cubic metre at 0° Celsius (µg/m³ at 0°C)

1-HOUR CLOCK AVERAGE

NEPM STANDARD LEVEL:

24-hour average = 50 µg/m³

MONITORING SITE	APR	MAY	JUN
South West Sydney region (Cont'd)			
LIVERPOOL			
Rose St			
ALL HOURS IN MONTH:			
% Sampling Time	95	99	97
Average	15	21	16
DAILY 1-HOUR MAXIMA:			
Monthly Average	33	55	39
90-percentile Value	62	101	66
Maximum 1-hour Value	144	175	110
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0
Illawarra region			
ALBION PARK			
Croome Rd			
ALL HOURS IN MONTH:			
% Sampling Time	96	97	98
Average	12	19	8
DAILY 1-HOUR MAXIMA:			
Monthly Average	37	70	25
90-percentile Value	100	129	54
Maximum 1-hour Value	109	212	94
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0
WARRAWONG			
Carlotta Cres			
ALL HOURS IN MONTH:			
% Sampling Time	98	99	86
Average	14	16	11
DAILY 1-HOUR MAXIMA:			
Monthly Average	31	42	26
90-percentile Value	53	65	40
Maximum 1-hour Value	125	94	58
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0
WOLLONGONG			
Gipps St			
ALL HOURS IN MONTH:			
% Sampling Time	100	99	99
Average	15	18	11
DAILY 1-HOUR MAXIMA:			
Monthly Average	31	50	27
90-percentile Value	56	76	44
Maximum 1-hour Value	66	181	48
NEPM STANDARD LEVEL:			
No. Days Above Level	0	0	0

*** Data not available

1999 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
Lower Hunter region				
BERESFIELD				
Francis Greenway				
High School				
ALL HOURS IN MONTH:				
% Sampling Time		99	99	99
Average		16	20	13
DAILY 1-HOUR MAXIMA:				
Monthly Average		33	54	33
90-percentile Value		63	102	67
Maximum 1-hour Value		119	146	145
NEPM STANDARD LEVEL:				
No. Days Above Level		0	0	0
WALLSEND				
Swimming Pool				
Frances St				
ALL HOURS IN MONTH:				
% Sampling Time		99	100	73
Average		14	16	14
DAILY 1-HOUR MAXIMA:				
Monthly Average		28	33	28
90-percentile Value		45	42	44
Maximum 1-hour Value		75	50	50
NEPM STANDARD LEVEL:				
No. Days Above Level		0	0	0

*** Data not available

1999 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	100	99	99
	Average	10	15	11
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	18	32	25
	90-percentile Value	28	44	49
	Maximum 1-hour Value	32	46	53
LIDCOMBE				
EPA Laboratories				
Weeroona Rd	ALL HOURS IN MONTH:			
	% Sampling Time	98	98	100
	Average	10	13	10
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	18	28	22
	90-percentile Value	30	38	34
	Maximum 1-hour Value	43	42	56
WOOLLOOWARE				
Woollooware Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	97	98	99
	Average	7	10	7
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	13	20	16
	90-percentile Value	21	28	30
	Maximum 1-hour Value	25	31	31
North West Sydney region				
RICHMOND				
University Of Western Sydney				
Vines Rd	ALL HOURS IN MONTH:			
	% Sampling Time	97	100	95
	Average	7	8	7
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	15	17	14
	90-percentile Value	21	32	23
	Maximum 1-hour Value	63	49	32
WESTMEAD				
Westmead Hospital				
Hainsworth St	ALL HOURS IN MONTH:			
	% Sampling Time	49	90	90
	Average	9	13	11
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	18	27	27
	90-percentile Value	26	36	41
	Maximum 1-hour Value	26	41	51

*** Data not available

1999 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	100	100	100
Average	9	13	10
DAILY 1-HOUR MAXIMA:			
Monthly Average	17	28	24
90-percentile Value	31	39	38
Maximum 1-hour Value	42	58	50
Illawarra region			
WARRAWONG			
Carlotta Cres			
ALL HOURS IN MONTH:			
% Sampling Time	98	98	87
Average	8	9	6
DAILY 1-HOUR MAXIMA:			
Monthly Average	16	20	14
90-percentile Value	30	28	23
Maximum 1-hour Value	35	35	59
WOLLONGONG			
Gipps St			
ALL HOURS IN MONTH:			
% Sampling Time	100	100	98
Average	8	9	6
DAILY 1-HOUR MAXIMA:			
Monthly Average	14	20	13
90-percentile Value	21	27	20
Maximum 1-hour Value	47	38	26
Lower Hunter region			
BERESFIELD			
Francis Greenway			
High School			
ALL HOURS IN MONTH:			
% Sampling Time	99	99	100
Average	9	12	8
DAILY 1-HOUR MAXIMA:			
Monthly Average	17	26	17
90-percentile Value	35	41	29
Maximum 1-hour Value	42	61	42
WALLSEND			
Swimming Pool			
Frances St			
ALL HOURS IN MONTH:			
% Sampling Time	81	99	73
Average	8	10	8
DAILY 1-HOUR MAXIMA:			
Monthly Average	13	19	17
90-percentile Value	21	29	27
Maximum 1-hour Value	25	34	28

*** Data not available

1999 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	95	89	95
Average	0.1	0.1	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.3	0.5	0.5
90-percentile Value	0.6	0.9	1.1
Maximum 1-hour Value	0.7	1.3	2.2
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	91	91	91
Average	0.2	0.2	0.2
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.5	0.6	0.7
90-percentile Value	0.8	1.0	1.2
Maximum 1-hour Value	1.1	1.6	1.8
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)
WOOLLOOWARE			
Woollooware Rd			
ALL HOURS IN MONTH:			
% Sampling Time	90	92	89
Average	0.0	0.1	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.1	0.3	0.2
90-percentile Value	0.3	0.6	0.5
Maximum 1-hour Value	0.5	1.5	0.6
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	92	92	91
Average	0.1	0.1	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.2	0.4	0.3
90-percentile Value	0.4	0.8	0.5
Maximum 1-hour Value	0.8	0.9	0.9
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)

*** Data not available

1999 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)				
RICHMOND				
University Of Western Sydney				
Vines Rd	ALL HOURS IN MONTH:			
	% Sampling Time	89	91	86
	Average	0.0	0.1	0.1
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.1	0.2	0.2
	90-percentile Value	0.1	0.3	0.4
	Maximum 1-hour Value	0.6	0.6	0.7
	NEPM STANDARD LEVEL:			
	No. Events Above Level	0 (0)	0 (0)	0 (0)
VINEYARD				
Castle Hill STP				
Bandon Rd	ALL HOURS IN MONTH:			
	% Sampling Time	87	91	92
	Average	0.0	0.0	0.0
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.1	0.2	0.1
	90-percentile Value	0.3	0.3	0.3
	Maximum 1-hour Value	0.4	0.6	0.4
	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	95	95	95
	Average	0.0	0.1	0.1
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.1	0.2	0.1
	90-percentile Value	0.3	0.5	0.3
	Maximum 1-hour Value	0.3	0.7	0.4
	NEPM STANDARD LEVEL:			
	No. Events Above Level	0 (0)	0 (0)	0 (0)
BRINGELLY				
Ramsay Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	92	91	91
	Average	0.1	0.1	0.1
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	0.2	0.3	0.2
	90-percentile Value	0.4	0.5	0.4
	Maximum 1-hour Value	0.6	0.9	0.5
	NEPM STANDARD LEVEL:			
	No. Events Above Level	0 (0)	0 (0)	0 (0)

*** Data not available

1999 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
Illawarra region			
ALBION PARK Croome Rd			
ALL HOURS IN MONTH:			
% Sampling Time	88	89	91
Average	0.0	0.1	0.0
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.2	0.4	0.1
90-percentile Value	0.3	1.5	0.3
Maximum 1-hour Value	1.5	1.9	1.2
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)
WARRAWONG			
Carlotta Cres			
ALL HOURS IN MONTH:			
% Sampling Time	90	92	80
Average	0.0	0.1	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.1	0.6	0.4
90-percentile Value	0.3	1.3	1.7
Maximum 1-hour Value	0.8	4.9	1.9
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)
WOLLONGONG			
Gipps St			
ALL HOURS IN MONTH:			
% Sampling Time	91	92	91
Average	0.1	0.2	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.3	0.6	0.4
90-percentile Value	0.6	1.1	1.0
Maximum 1-hour Value	1.3	2.1	1.4
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	76	91	89
Average	0.1	0.1	0.1
DAILY 1-HOUR MAXIMA:			
Monthly Average	0.4	0.7	0.5
90-percentile Value	0.9	1.6	1.2
Maximum 1-hour Value	1.4	2.3	2.0
NEPM STANDARD LEVEL:			
No. Events Above Level	0 (0)	0 (0)	0 (0)

*** Data not available

1999 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
Lower Hunter region (Cont'd)				
WALLSEND				
Swimming Pool				
Frances St				
	ALL HOURS IN MONTH:			
	% Sampling Time	91	***	88
	Average	0.3	***	0.2
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.1	***	0.7
	90-percentile Value	2.8	***	1.5
	Maximum 1-hour Value	3.6	***	3.3
	NEPM STANDARD LEVEL:			
	No. Events Above Level	0 (0)	*** (***)	0 (0)

*** Data not available
() Numbers in brackets indicate exceedences of the 24-hour NEPM Standard Level

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	88	57	78
	Average	0.6	0.7	0.7
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.6	2.5	1.9
	90-percentile Value	2.6	4.7	3.8
	Maximum 1-hour Value	3.5	5.8	4.2
	NEPM STANDARD LEVEL:			
	No.Events Above Level	0	0	0
	No. Days Above Level	0	0	0
SYDNEY				
Gowings				
Cnr George & Market Sts	ALL HOURS IN MONTH:			
	% Sampling Time	98	48	***
	Average	2.3	3.2	***
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	4.5	6.1	***
	90-percentile Value	6.1	8.7	***
	Maximum 1-hour Value	7.1	9.4	***
	NEPM STANDARD LEVEL:			
	No.Events Above Level	0	0	***
	No. Days Above Level	0	0	***
North West Sydney region				
BLACKTOWN				
Flushcombe Rd				
	ALL HOURS IN MONTH:			
	% Sampling Time	92	91	91
	Average	0.3	0.9	0.6
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.1	2.5	2.1
	90-percentile Value	2.1	3.8	3.6
	Maximum 1-hour Value	2.5	5.6	4.8
	NEPM STANDARD LEVEL:			
	No.Events Above Level	0	0	0
	No. Days Above Level	0	0	0

*** Data not available

1999 Data

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

NEPM STANDARD LEVEL:
8-hour average = 9 ppm

Parts per million (ppm)
1-HOUR CLOCK AVERAGE

MONITORING SITE		APR	MAY	JUN
North West Sydney region (Cont'd)				
WESTMEAD				
Westmead Hospital				
Hainsworth St	ALL HOURS IN MONTH:			
	% Sampling Time	49	92	75
	Average	0.4	1.1	0.8
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.6	3.0	2.6
	90-percentile Value	2.3	4.2	3.6
	Maximum 1-hour Value	2.4	5.3	4.7
	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	81	89	87
	Average	0.5	1.1	0.7
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.6	3.5	2.5
	90-percentile Value	3.0	5.1	4.7
	Maximum 1-hour Value	4.7	6.4	5.5
	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	90	92	91
	Average	0.4	0.7	0.4
	DAILY 1-HOUR MAXIMA:			
	Monthly Average	1.0	2.4	1.2
	90-percentile Value	2.0	3.5	2.4
	Maximum 1-hour Value	2.3	4.1	3.9
	NEPM STANDARD LEVEL:			
	No.Events Above Level	0	0	0
	No. Days Above Level	0	0	0

*** Data not available

1999 Data

TABLE 7

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

24-HOUR CLOCK SAMPLE (6 DAY CYCLE)

MONITORING SITE		APR	MAY	JUN
Central East Sydney region				
EARLWOOD				
Beaman Park				
Riverview Rd				
	Number of Samples	5	4	5
	Monthly Average	0.1 *	0.2 *	0.1 *
	Highest Value	0.1	0.2	0.2
ROZELLE				
Rozelle Hospital				
Balmain Rd				
	Number of Samples	5	5	4
	Monthly Average	0.1 *	0.1 *	0.1 *
	Highest Value	0.1	0.2	0.1
Illawarra region				
PORT KEMBLA				
Cnr Church & Kembla Sts				
	Number of Samples	5	5	4
	Monthly Average	0.1 *	0.1 *	0.1 *
	Highest Value	0.1	0.1	0.1
PORT KEMBLA				
Cnr Blaxland Ave				
& Flagstaff Rd				
	Number of Samples	5	4	***
	Monthly Average	0.1 *	0.1 *	***
	Highest Value	0.1	0.1	***
PORT KEMBLA				
Fire Station				
Military Road				
	Number of Samples	5	5	4
	Monthly Average	0.1 *	0.1 *	0.1 *
	Highest Value	0.1	0.1	0.1

*** Data not available

1999 Data

* Average value calculated with some data less than detection limit

TABLE 8

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

24-HOUR CLOCK SAMPLE (6 DAY CYCLE)

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

*** Data not available

1999 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 Sydney						North Western Sydney					
	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	8	10	14	10	14	11	9	9	11	14	13	9	9	11	11	15	19
2	11	12	12	13	15	15	8	10	14	15	15	13	10	10	12	16	18	25
3	11	13	24	20	35	13	11	13	21	15	32	11	14	13	30	22	23	21
4	9	9	22	26	15	21	11	9	19	18	9	13	10	11	32	23	12	16
5	10	20	40	34	31	46	9	6	31	17	25	13	10	11	40	29	50	30
6	16	15	15	12	22	24	10	18	11	12	22	17	10	19	14	20	22	24
7	15	13	12	25	31	19	17	15	11	27	29	11	20	16	20	22	22	17
8	11	22	15	13	14	12	15	18	16	19	21	12	17	17	12	10	15	13
9	22	16	25	12	31	36	18	10	30	14	11	10	17	16	20	16	13	29
10	16	10	17	21	40	21	10	12	16	14	20	16	10	16	17	22	27	11
11	9	11	20	32	10	12	12	12	14	18	12	11	12	13	20	33	12	12
12	16	16	27	18	12	13	13	15	20	17	24	14	13	17	28	20	19	15
13	11	20	36	41	47	23	17	21	15	24	38	25	19	27	19	22	61	31
14	22	27	27	17	19	13	20	25	32	22	24	13	20	26	16	10	15	15
15	21	19	24	11	14	13	23	21	27	13	14	13	27	21	15	13	14	14
16	14	14	13	14	12	12	22	16	15	13	12	11	22	18	14	16	16	18
17	12	16	40	15	12	13	15	17	29	13	48	19	29	20	31	28	25	19
18	24	24	43	32	47	14	19	23	28	20	45	30	20	21	37	27	28	13
19	24	32	29	30	12	12	23	26	31	20	16	13	21	19	25	22	11	14
20	21	22	26	30	12	14	21	22	40	20	36	23	17	18	22	22	39	32
21	19	14	19	34	41	20	18	13	23	15	40	44	20	15	19	17	49	38
22	12	11	38	35	47	16	11	11	30	21	42	25	11	13	29	29	27	20
23	10	11	21	36	14	14	10	12	26	13	10	12	12	12	24	25	12	13
24	10	11	16	27	14	12	13	18	12	9	12	12	11	13	15	25	11	13
25	10	12	22	20	14	13	9	14	17	18	11	12	12	16	14	15	11	11
26	11	17	18	16	12	13	28	19	15	15	11	12	16	20	12	15	12	13
27	17	13	16	16	16	14	18	16	12	12	11	13	21	16	21	15	12	13
28	13	12	17	16	16	16	11	12	22	12	12	14	13	13	24	20	11	12
29	11	10	28	25	26	27	10	11	35	18	31	39	12	11	41	18	13	19
30	12	11	22	15	34	54	9	11	41	17	38	46	11	13	21	12	34	30
31			21	16					22	14					14	15		
PERCENTAGE FREQUENCY																		
	Eastern Sydney						South Western Sydney						North Western Sydney					
	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	93	65	58	63	87	97	93	61	97	63	80	93	93	71	77	70	77
MED	0	7	35	42	37	10	3	7	39	3	37	20	7	7	29	23	23	23
HIGH	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	7	0

1999 Data

TABLE 9 (Cont'd)

REGIONAL POLLUTION INDEX (RPI)

Lower Hunter region

RPI

Low 0 - 24

Medium 25 - 49

High > 49

D A Y	REGIONS																	
	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
1	12	10	11	11	14	14	10	9	10	11	4	8	11	9	10	11	11	11
2	11	11	10	14	13	12	10	10	12	14	10	6	7	11	9	14	14	11
3	11	11	10	13	19	14	10	10	17	13	15	13	9	9	15	13	17	11
4	9	9	9	21	14	11	8	9	19	21	11	7	8	9	14	17	10	12
5	8	5	21	12	13	11	6	4	22	12	25	14	7	7	20	19	10	13
6	6	17	12	11	11	18	4	18	14	11	13	23	4	18	17	13	12	9
7	14	12	8	10	15	10	16	13	7	12	24	9	16	12	8	16	9	6
8	10	13	7	7	13	12	13	15	6	5	11	12	11	12	9	11	9	10
9	17	10	9	12	13	13	11	18	5	8	11	10	11	9	11	21	10	8
10	10	8	12	11	10	12	9	8	9	7	8	10	6	9	18	12	9	10
11	10	11	9	7	8	9	6	11	8	6	8	10	6	11	17	22	9	10
12	10	10	9	6	9	11	11	13	7	12	9	12	10	14	9	15	8	12
13	10	17	11	9	30	12	13	18	9	6	24	10	10	16	15	10	11	11
14	14	26	8	7	12	13	21	26	5	3	12	13	17	24	8	10	13	13
15	28	19	10	12	13	11	27	21	8	4	13	11	22	22	11	13	13	11
16	20	11	12	14	12	12	19	11	2	4	12	12	22	9	13	12	11	11
17	11	14	13	13	10	10	11	15	11	8	11	10	10	14	14	14	10	11
18	16	17	13	16	16	10	17	16	21	15	10	11	12	13	30	6	10	12
19	17	22	13	10	10	13	14	21	14	10	10	13	13	21	18	15	11	12
20	21	16	10	14	16	11	18	19	19	11	28	10	22	18	24	13	12	12
21	15	10	18	24	35	10	18	10	22	8	32	21	17	11	12	8	20	12
22	9	11	20	7	38	9	8	11	21	16	31	9	9	9	8	12	18	8
23	10	11	16	5	15	14	8	11	12	13	8	12	9	9	11	13	9	9
24	9	10	15	11	15	12	13	11	11	15	11	8	10	10	12	9	12	8
25	10	12	9	12	11	12	10	14	10	10	16	6	9	11	9	12	8	7
26	11	18	20	10	12	13	18	17	7	11	9	9	13	18	14	11	9	7
27	18	17	16	12	16	16	16	17	15	12	15	14	13	14	13	12	11	12
28	12	9	18	14	16	14	12	11	13	13	13	9	10	11	14	12	13	11
29	9	7	22	19	16	11	10	8	19	15	15	14	11	10	19	25	19	22
30	8	11	41	13	35	12	10	11	39	14	41	12	8	9	21	15	26	14
31			15	13					16	3					16	12		

	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	97	97	97	100	87	100	97	97	97	100	83	100	100	100	97	97	97	100
MED	3	3	3	0	13	0	3	3	3	0	17	0	0	0	3	3	3	0
HIGH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1999 Data

TABLE 9 (Cont'd)

REGIONAL POLLUTION INDEX (RPI)

Illawarra region

RPI

Low 0 - 24

Medium 25 - 49

High > 49

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

	PERCENTAGE FREQUENCY											
	Albion Park						Wollongong					
	APR		MAY		JUN		APR		MAY		JUN	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
LOW	93	100	97	100	100	100	93	97	90	100	100	100
MED	7	0	3	0	0	0	7	3	10	0	0	0
HIGH	0	0	0	0	0	0	0	0	0	0	0	0

1999 Data