

**APPENDIX – 4a**

**AMBIENT AIR QUALITY MONITORING REPORT FOR SUMMER-2006**

Monitoring Location : Tunda Village							
Sr. No.	Date of Monitoring	Week	Ground Level Concentration				
			SPM µg/m <sup>3</sup>	RPM µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>x</sub> µg/m <sup>3</sup>	CO µg/m <sup>3</sup>
1	01-03-2006	I	128	82	11.4	16.4	1800
2	03-03-2006	I	84	42	9.6	12.6	1400
3	06-03-2006	II	94	48	12.2	18.2	1000
4	08-03-2006	II	86	52	10.7	15.2	980
5	16-03-2006	III	114	96	8.4	13.8	1600
6	18-03-2006	III	108	62	9.8	15.9	1400
7	21-03-2006	IV	98	56	10.2	14.8	1200
8	23-03-2006	IV	84	42	8.0	13.2	1090
9	27-03-2006	V	110	82	11.8	18.5	1890
10	29-03-2006	V	78	38	9.2	16.4	2050
11	03-04-2006	I	132	88	13.8	18.2	1900
12	05-04-2006	I	88	42	10.9	12.6	1765
13	10-04-2006	II	128	82	11.8	15.6	1580
14	12-04-2006	II	110	68	9.2	12.8	1200
15	17-04-2006	III	94	42	10.9	14.4	1600
16	19-04-2006	III	82	88	8.2	15.2	1940
17	24-04-2006	IV	128	78	12.4	16.4	1820
18	26-04-2006	IV	110	48	10.8	11.8	1980
19	01-05-2006	I	128	88	16.2	23.4	1900
20	04-05-2006	I	102	64	12.4	19.4	1860
21	08-05-2006	II	130	94	14.2	21.2	1000
22	11-05-2006	II	98	42	10.4	18.2	1500
23	15-05-2006	III	124	82	15.7	19.8	1020
24	18-05-2006	III	138	70	9.4	16.7	1420
25	23-05-2006	IV	94	48	11.2	17.6	1680
26	27-05-2006	IV	86	38	8.4	18.2	1370
Maximum			138.0	96.0	16.2	23.4	2050
Minimum			78.0	38.0	8.0	11.8	980
Average			106.0	63.9	11.0	16.4	1536.3
98 Percentile			135.0	95.0	16.0	22.3	2015.0

**APPENDIX – 4a (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR SUMMER-2006**

Monitoring Location : Jalpara							
Sr. No.	Date of Monitoring	Week	Ground Level Concentration				
			SPM	RPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
1	02-03-2006	I	122	82	9.4	14.8	1280
2	04-03-2006	I	98	58	8.2	12.6	1400
3	07-03-2006	II	110	70	10.6	11.5	1180
4	09-03-2006	II	104	66	7.9	10.9	1240
5	13-03-2006	III	88	54	9.0	12.4	1000
6	15-03-2006	III	82	42	8.8	11.2	1200
7	20-03-2006	IV	124	76	10.6	15.5	1380.0
8	22-03-2006	IV	110	68	7.0	12.8	1100.0
9	28-03-2006	V	98	58	10.4	16.9	1890.0
10	30-03-2006	V	86	42	9.2	18.3	1680.0
11	04-04-2004	I	98	42	15.4	21.2	1880
12	06-04-2005	I	84	38	12.8	16.8	1660
13	11-04-2006	II	138	94	10.9	18.6	1940
14	13-04-2006	II	118	86	8.8	13.5	2000
15	18-04-2006	III	128	62	12.8	15.2	1790
16	20-04-2006	III	118	48	14.4	19.2	1680
17	25-04-2006	IV	128	86	10.6	16.5	1808
18	27-04-2006	IV	112	74	9.8	15.8	1680
19	02-05-2006	I	138	92	14.8	22.4	1950
20	05-05-2006	I	110	72	11.6	18.5	1890
21	09-05-2006	II	124	84	13.5	19.4	1650
22	12-05-2006	II	112	68	12.9	21.6	1480
23	16-05-2006	III	108	54	13.4	18.8	1560
24	19-05-2006	III	114	52	10.8	19.2	1700
25	24-05-2006	IV	128	88	8.8	20.2	1400
26	29-05-2006	IV	96	48	10.6	17.2	1580.0
Maximum			138.0	94.0	15.4	22.4	2000.0
Minimum			82.0	38.0	7.0	10.9	1000.0
Average			110.6	65.5	10.9	16.6	1576.8
98 Percentile			138.0	93.0	15.1	22.0	1975.0

**APPENDIX – 4a(Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR SUMMER-2006**

Monitoring Location : Desalpar							
Sr. No.	Date of Monitoring	Week	Ground Level Concentration				
			SPM	RPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
1	04-03-2006	I	124	84	8.4	18.5	1480
2	06/03/2006	I	110	78	10.2	20.4	1260
3	16-03-2006	II	98	58	13.2	22.8	1600
4	12-03-2006	II	86	42	11.8	19.7	1300
5	17-03-2006	III	134	86	10.9	16.8	900
6	19-03-2006	III	122	78	8.6	15.7	1400
7	23-03-2006	IV	110	78	12.7	18.4	1300.0
8	25-03-2006	IV	94	62	9.2	13.5	1000.0
9	31-03-2006	V	128	86	10.9	19.9	1680.0
10	02-03-2006	V	84	48	10.2	20.6	1800.0
11	04-04-2004	I	128	82	15.4	21.2	1880
12	09-04-2005	I	86	42	12.8	16.8	1660
13	14-04-2006	II	138	94	10.9	18.6	1940
14	16-04-2006	II	102	68	8.8	13.5	2000
15	21-04-2006	III	124	84	13.8	15.2	1790
16	23-04-2006	III	98	42	14.4	19.2	1680
17	28-04-2006	IV	128	84	10.6	16.5	1808
18	30-04-2006	IV	112	74	8.9	15.8	1680
19	04-05-2004	I	138	98	13.2	21.6	2010
20	06-05-2005	I	122	86	10.4	19.4	1800
21	10-05-2006	II	96	52	11.4	18.4	1680
22	13-05-2006	II	88	42	8.4	16.8	1020
23	17-05-2006	III	134	88	12.6	22.4	1400
24	20-05-2006	III	110	68	9.9	18.7	1380
25	25-05-2006	IV	128	82	12.5	19	1500
26	29-05-2006	IV	118	70	10.8	18.2	1700
Maximum			138.0	98.0	15.4	22.8	2010.0
Minimum			84.0	42.0	8.4	13.5	900.0
Average			113.1	71.4	11.2	18.4	1563.4
98 Percentile			138.0	96.0	14.9	22.6	2005.0

**APPENDIX – 4a (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR SUMMER-2006**

Monitoring Location : Mota Bhojapur							
Sr. No.	Date of Monitoring	Week	Ground Level Concentration				
			SPM	RPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
1	04-03-2006	I	136	94	10.4	16.8	1280
2	06-03-2006	I	110	68	9.8	14.2	1400
3	10-03-2006	II	128	72	12.2	19.2	1820
4	12-03-2006	II	96	48	8.2	13.5	1650
5	17-03-2006	III	134	92	9.9	14.4	1200
6	19-03-2006	III	118	84	7.6	12.4	1400
7	23-03-2006	IV	98	52	12.4	13.9	1520.0
8	25-03-2006	IV	86	42	10.6	11.2	1000.0
7	23-03-2006	IV	98	52	12.4	13.9	1520.0
8	25-03-2006	IV	86	42	10.6	11.2	1000.0
9	01-03-2006	V	122	84	8.6	14.2	1800.0
10	02-03-2006	V	110	62	9.4	15.9	1680.0
11	06-04-2004	I	122	86	18.4	22.4	1890
12	08-04-2005	I	98	42	14.6	17.5	1900
13	13-04-2006	II	130	92	10.4	16.3	1580
14	15-04-2006	II	112	62	8.6	14.9	1690
15	20-04-2006	III	132	98	10.4	14.2	2000
16	23-04-2006	III	110	68	13.5	16.8	1794
17	26-04-2006	IV	122	78	13.5	19.4	1850
18	28-04-2006	IV	84	38	9.9	14.2	1590
19	04-05-2004	I	130	94	13.8	19.4	1820
20	06-05-2005	I	116	72	11.6	21.8	1200
21	10-05-2006	II	108	64	10.4	18.4	1600
22	13-05-2006	II	94	42	9.8	16.9	1480
23	17-05-2006	III	136	88	14.5	22.8	1640
24	20-05-2006	III	110	64	9	18.5	1700
25	25-05-2006	IV	124	84	15.2	23.8	1680
26	29-05-2006	IV	110	62	8.2	20.5	1450.0
Maximum			136.0	98.0	18.4	23.8	2000.0
Minimum			84.0	38.0	7.6	11.2	1000.0
Average			112.9	68.8	11.2	16.7	1576.2
98 Percentile			136.0	95.8	16.7	23.3	1946.0

**APPENDIX – 4a (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR SUMMER-2006**

<b>Monitoring Location : Tragadi</b>							
<b>Sr. No.</b>	<b>Date of Monitoring</b>	<b>Week</b>	<b>Ground Level Concentration</b>				
			<b>SPM</b>	<b>RPM</b>	<b>SO<sub>2</sub></b>	<b>NO<sub>x</sub></b>	<b>CO</b>
			<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>
1	01-03-2006	I	128	78	8.2	14.4	1000
2	07-03-2006	II	110	64	8.8	12.6	1200
3	13-03-2006	III	102	62	10.2	16.8	1300
4	20-03-2006	IV	86	42	8.1	13.2	1200
5	27-03-2006	V	112	74	12.6	18.4	1890
6	03-04-2006	I	110	76	11.8	15.6	1900
7	10-04-2006	II	86	52	9.6	14.2	1820
8	17-04-2006	III	122	82	12.2	16.4	1900
9	24-04-2006	IV	78	38	10.4	17.2	1780
10	01-05-2006	I	122	78	12.3	22.8	1420
11	08-05-2006	II	86	42	10.4	19.2	1620
12	15-05-2006	III	134	92	8.6	16.5	1520
13	22-05-2006	IV	128	82	14.2	23.5	1260
Maximum			134.0	92.0	14.2	23.5	1900.0
Minimum			78.0	38.0	8.1	12.6	1000.0
Average			108.0	66.3	10.6	17.0	1523.8
98 Percentile			132.6	89.6	13.8	23.3	1900.0

**APPENDIX – 4a (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR SUMMER-2006**

<b>Monitoring Location : Pipari</b>							
<b>Sr. No.</b>	<b>Date of Monitoring</b>	<b>Week</b>	<b>Ground Level Concentration</b>				
			<b>SPM</b>	<b>RPM</b>	<b>SO<sub>2</sub></b>	<b>NO<sub>x</sub></b>	<b>CO</b>
			<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>
1	02-03-2006	I	118	84	8.2	14.8	1200
2	08-03-2005	I	108	74	9.4	12.4	1100
3	14-03-2006	II	98	52	10.6	13.5	900
4	21-03-2006	IV	78	38	10.2	16.2	980
5	28-03-2006	V	110	78	9.8	14.9	1490
6	04-04-2006	I	134	96	11.4	18.2	1680
7	11-04-2007	II	122	84	9.2	16.5	1920
8	18-04-2006	III	112	78	10.8	14.8	2000
9	25-04-2006	IV	98	52	8	12.7	1590
10	02-05-2006	I	110	68	11.8	16.8	1680
11	09-05-2006	II	82	40	7.8	12.4	980
12	16-05-2006	III	100	64	10.4	18	1010
13	23-05-2006	IV	96	58	13	22	1000
Maximum			134.0	96.0	13.0	22.0	2000.0
Minimum			78.0	38.0	7.8	12.4	900.0
Average			105.1	66.6	10.0	15.6	1348.5
98 Percentile			131.1	93.1	12.7	21.1	1980.8

**APPENDIX – 4a (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR SUMMER-2006**

<b>Monitoring Location : Bidada</b>							
<b>Sr. No.</b>	<b>Date of Monitoring</b>	<b>Week</b>	<b>Ground Level Concentration</b>				
			<b>SPM</b>	<b>RPM</b>	<b>SO<sub>2</sub></b>	<b>NO<sub>x</sub></b>	<b>CO</b>
			<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>
1	03-03-2006	I	132	88	12.2	22.2	1580
2	10-03-2006	II	128	68	10.2	16.2	1620
3	15-03-2006	III	110	58	8.9	19.2	1800
4	22-03-2006	IV	96	44	9.2	18.2	1260
5	29-03-2006	V	110	68	12.6	20.4	1690
6	05-4-2006	I	138	86	12.8	19.2	1890
7	12-04-2006	II	124	72	10.2	16.2	1800
8	19-04-2006	III	94	48	11.6	18.2	1650
9	27-04-2006	IV	82	34	9.8	15.2	1800
10	03-5-2006	I	142	98	15.9	21.2	1680
11	10-05-2006	II	128	82	11.6	19.5	1560
12	17-05-2006	III	118	62	12.8	22.8	1980
13	24-05-2006	IV	94	46	9.1	14.9	1800
Maximum			142.0	98.0	15.9	22.8	1980.0
Minimum			82.0	34.0	8.9	14.9	1260.0
Average			115.1	65.7	11.3	18.7	1700.8
98 Percentile			141.0	95.6	15.2	22.7	1958.4

**APPENDIX – 4a (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR SUMMER-2006**

<b>Monitoring Location : Kandagra</b>							
<b>Sr. No.</b>	<b>Date of Monitoring</b>	<b>Week</b>	<b>Ground Level Concentration</b>				
			<b>SPM</b>	<b>RPM</b>	<b>SO<sub>2</sub></b>	<b>NO<sub>x</sub></b>	<b>CO</b>
			<b>ug/m<sup>3</sup></b>	<b>ug/m<sup>3</sup></b>	<b>ug/m<sup>3</sup></b>	<b>ug/m<sup>3</sup></b>	<b>mg/m<sup>3</sup></b>
1	05-032006	I	112	78	11.2	16.8	1274
2	11/3/2006	II	98	52	8.2	14.2	1400
3	17-03-2006	III	122	72	10.4	19.4	1000
4	24-03-2006	IV	86	38	7.6	15.2	1200
5	30-03-2006	V	118	82	9.6	19.5	1600
6	08-04-2006	I	134	92	10.4	18.4	1650
7	15-04-2006	I	110	62	9.9	19.2	1980
8	22-04-2006	II	122	82	12.2	22.8	1820
9	29-04-2006	III	84	40	8.8	17.4	1790
10	05-05-2006	I	134	96	12.8	22.8	1480
11	12-05-2006	II	94	54	9.8	17	1260
12	19-05-2006	III	120	82	16.4	19.6	1180
13	26-05-2006	IV	88	38	10.4	15.8	900
Maximum			134.0	96.0	16.4	22.8	1980.0
Minimum			84.0	38.0	7.6	14.2	900.0
Average			109.4	66.8	10.6	18.3	1425.7
98 Percentile			134.0	95.0	15.5	22.8	1941.6



**APPENDIX – 4b**

**AMBIENT AIR QUALITY MONITORING REPORT FOR POST-MONSOON-2006**

Monitoring Location : TUNDA VILLAGE							
Sr.	Date of	Week	Ground Level Concentration				
No.	Monitoring		SPM	RPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
1	03/10/2006	I	114	78	12.4	18.8	1782
2	07/10/2006	I	94	68	10.8	13.4	1345
3	10/10/2006	II	96	52	9.6	14.2	1010
4	14/10/2006	II	82	48	11.2	16.4	1210
5	17/10/2006	III	122	84	10.2	12.8	1468
6	21/10/2006	III	110	82	8.6	14.4	1620
7	24/10/2006	IV	88	62	11.9	17.6	1274
8	28/10/2006	IV	82	56	10.6	15.8	1089
1	03/11/2006	I	124	84	14.4	21.6	1845.0
2	06/11/2006	I	110	56	11.2	18.4	1452.0
3	10/11/2006	II	98	52.0	10.6	13.7	1622.0
4	14/11/2006	II	88	48	8.4	12.2	1289.0
5	18/11/2006	III	112	58	12.6	19.2	1564.0
6	22/11/2006	III	82	42	9.8	11.5	1388.0
7	25/11/2006	IV	130	92.0	13.7	20.2	1812.0
8	29/11/2006	IV	118	62	10.4	12.8	1458.0
<b>Maximum</b>			130.0	92.0	14.4	21.6	1845.0
<b>Minimum</b>			82.0	42.0	8.4	11.5	1010.0
<b>Average</b>			103.1	64.0	11.0	15.8	1451.8

**APPENDIX – 4b (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR POST-MONSOON-2006**

Monitoring Location : JALPARA							
Sr.	Date of	Week	Ground Level Concentration				
No.	Monitoring		SPM	RPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
1	03/10/2006	I	132	88	14.4	21.4	1494
2	07/10/2006	I	124	74	10.8	16.8	1352
3	10/10/2006	II	92	56	9.8	15.2	1846
4	14/10/2006	II	110	64	7.8	13.8	1568
5	17/10/2006	III	122	72	12.6	18.2	1697
6	21/10/2006	III	114	68	10.9	15.8	1578
7	24/10/2006	IV	86	52	11.9	19.4	1722.0
8	28/10/2006	IV	94	70	8.8	14.4	1489.0
1	03/11/2006	I	124	84	12.8	19.2	1682.0
2	06/11/2006	I	118	78	11.9	16.4	1446.0
3	10/11/2006	II	108.0	62.0	16.8	22.8	1842.0
4	14/11/2006	II	94	72	11.2	15.6	1389.0
5	18/11/2006	III	138	92	14.6	18.4	1578.0
6	22/11/2006	III	126	70	10.8	14.2	1620.0
7	25/11/2006	IV	110.0	68.0	15.4	21.5	1864.0
8	29/11/2006	IV	86	64	9.9	12.8	1298.0
<b>Maximum</b>			138.0	92.0	16.8	22.8	1864.0
<b>Minimum</b>			86.0	52.0	7.8	12.8	1298.0
<b>Average</b>			111.1	70.9	11.9	17.2	1591.6

**APPENDIX – 4b (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR POST-MONSOON-2006**

Monitoring Location : DESALPAR							
Sr.	Date of	Week	Ground Level Concentration				
No.	Monitoring		SPM	RPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
1	04/10/2006	I	126	78	14.4	22.6	1724.0
2	08/10/2006	I	118	68	11.8	16.4	1562.0
3	11/10/2006	II	110	62	12.4	18.2	1945.0
4	15/10/2006	II	94	58	10.5	14.3	1684.0
5	18/10/2006	III	88	48	9.4	12.8	1250.0
6	22/10/2006	III	108	62	9.2	12.2	1368.0
7	25/10/2006	IV	132	92	13.2	18.8	1645.0
8	29/10/2006	IV	120	72	11.2	17.2	1552.0
1	04/11/2006	I	116	78	14.6	21.6	1645.0
2	07/11/2006	I	94	64	12.4	20.4	1487.0
3	11/11/2006	II	124.0	82.0	11.2	18.2	1842.0
4	15/11/2006	II	112	70	9.8	12.2	1735.0
5	19/11/2006	III	138	92	14.2	16.5	1522.0
6	23/11/2006	III	122	84	13.5	15.4	1489.0
7	27/11/2006	IV	128.0	92.0	10.4	12.8	1847.0
8	30/11/2006	IV	114	72	9	12.8	1347.0
<b>Maximum</b>			138.0	92.0	14.6	22.6	1945.0
<b>Minimum</b>			88.0	48.0	9.0	12.2	1250.0
<b>Average</b>			115.3	73.4	11.7	16.4	1602.8

**APPENDIX – 4b (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR POST-MONSOON-2006**

Monitoring Location : Mota Bhojapur							
Sr.	Date of	Week	Ground Level Concentration				
No.	Monitoring		SPM	RPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
1	04/10/2006	I	142	98	12.8	19.8	1674
2	08/10/2006	I	110	68	11.6	18.5	1562
3	11/10/2006	II	112	72	10.8	16.4	1927
4	15/10/2006	II	84	52	9.2	15.2	1820
5	18/10/2006	III	132	82	15.2	22.2	1689
6	22/10/2006	III	96	64	11.9	18.2	1522
7	25/10/2006	IV	94	60	13.4	17.6	1745
8	29/10/2006	IV	82	42	12.2	15.2	1469
1	04/11/2006	I	134	94	15.4	21.3	1687.0
2	07/11/2006	I	128	88	10.8	14.6	1845.0
3	11/11/2006	II	118.0	82.0	14.6	18.9	1420.0
4	15/11/2006	II	88	58	12.9	16.7	1320.0
5	19/11/2006	III	120	86	16.4	24.8	1942.0
6	23/11/2006	III	98	66	11.2	15.5	1560.0
7	27/11/2006	IV	124.0	82.0	14.8	19.4	1824.0
8	30/11/2006	IV	114	78	12.9	15.8	1245.0
<b>Maximum</b>			142.0	98.0	16.4	24.8	1942.0
<b>Minimum</b>			82.0	42.0	9.2	14.6	1245.0
<b>Average</b>			111.0	73.3	12.9	18.1	1640.7

**APPENDIX – 4b (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR POST-MONSOON-2006**

Monitoring Location : Tragadi							
Sr.	Date of	Week	Ground Level Concentration				
No.	Monitoring		SPM	RPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
1	05/10/2006	I	118	68	12.4	18.2	1620.0
2	12/10/2006	II	98	54	10.2	15.9	1489.0
3	19/10/2006	III	124	72	14.6	20.4	1562.0
4	26/10/2006	IV	110	60	11.4	16.8	1382.0
1	01/11/2006	I	122	84	13.4	18.4	1847
2	08/11/2006	II	94	56	10.8	14.9	1542
3	16/11/2006	III	110	62	12.9	15.8	1624
4	24/11/2006	IV	82	52	11.4	14.3	1289
<b>Maximum</b>			124.0	84.0	14.6	20.4	1847.0
<b>Minimum</b>			82.0	52.0	10.2	14.3	1289.0
<b>Average</b>			107.3	63.5	12.1	16.8	1544.4

**APPENDIX – 4b (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR POST-MONSOON-2006**

Monitoring Location : Pipari							
Sr.	Date of	Week	Ground Level Concentration				
No.	Monitoring		SPM	RPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
1	05/10/2006	I	112	82	10.8	16.8	1620.0
2	12/10/2006	II	94	64	8.6	12.2	1478.0
3	19/10/2006	III	86	48	11.9	14.8	1569.0
4	26/10/2006	IV	110	78	9.2	13.8	1520.0
1	02/11/2006	I	116	88	14.6	19.4	1654
2	09/11/2006	II	86	54	10.4	15.4	1845
3	17/11/2006	III	110	80	16.2	21.2	1624
4	25/11/2006	IV	92	62	9.9	12.8	1463
<b>Maximum</b>			116.0	88.0	16.2	21.2	1845.0
<b>Minimum</b>			86.0	48.0	8.6	12.2	1463.0
<b>Average</b>			100.8	69.5	11.5	15.8	1596.6

**APPENDIX – 4b (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR POST-MONSOON-2006**

Monitoring Location : Bidada							
Sr.	Date of	Week	Ground Level Concentration				
No.	Monitoring		SPM	RPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
1	06/10/2006	I	142	94	15.2	21.6	1842
2	13/10/2006	II	98	58	12.6	15.2	1524
3	20/10/2006	III	122	82	13.8	18.9	1674
4	27/10/2006	IV	86	52	14.4	20.2	1489
1	02/11/2006	I	132.0	88.0	16.8	22.1	1684.0
2	09/11/2006	II	86.0	56.0	12.5	18.2	1520.0
3	17/11/2006	III	126.0	74.0	14.6	19.6	1826.0
4	25/11/2006	IV	114.0	64.0	11.9	14.8	1584.0
<b>Maximum</b>			142.0	94.0	16.8	22.1	1842.0
<b>Minimum</b>			86.0	52.0	11.9	14.8	1489.0
<b>Average</b>			113.3	71.0	14.0	18.8	1642.9

**APPENDIX – 4b (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR POST-MONSOON-2006**

Monitoring Location : Kandagra							
Sr.	Date of	Week	Ground Level Concentration				
No.	Monitoring		SPM	RPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
1	06/10/2006	I	124	82	11.8	18.4	1489.0
2	13/10/2006	II	86	46	9.9	15.2	1642.0
3	20/10/2006	III	112	76	12.2	16.2	1542.0
4	27/10/2006	IV	98	54	8.4	13.5	1368.0
1	01/11/2006	I	110	82	12.4	16.9	1754.0
2	08/11/2006	I	128	92	10.6	14.2	1452.0
3	16/11/2006	II	114	84	14.6	21.6	1946.0
4	24/11/2006	III	94	52	9.4	15.8	1389.0
<b>Maximum</b>			128.0	92.0	14.6	21.6	1946.0
<b>Minimum</b>			86.0	46.0	8.4	13.5	1368.0
<b>Average</b>			108.3	71.0	11.2	16.5	1572.8



**APPENDIX – 4c**

**AMBIENT AIR QUALITY MONITORING REPORT FOR WINTER-2006**

Monitoring Location : TUNDA VILLAGE							
Sr. No.	Date of Monitoring	Week	Ground Level Concentration				
			SPM	RPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
1	1/12/2006	I	112	73	10.8	13.6	1695
2	6/12/2006	I	95	66	9.5	12.8	1423
3	9/12/2006	II	97	60	9.9	14.1	1124
4	14-12-2006	II	92	58	11.2	15.6	1234
5	18-12-2006	III	118	75	10.5	12.4	1462
6	22-12-2006	III	112	77	9.8	14.2	1602
7	25-12-2006	IV	91	60	8.4	17.2	1265
8	29-12-2006	IV	90	57	9.6	15.5	1132
9	1/1/2007	I	126	82	13.2	20.1	1765
10	5/1/2007	I	112	58	10.3	14.2	1467
11	8/1/2007	II	106	55	11.4	16.5	1578
12	12/1/2007	II	92	52	9.2	12.3	1326
13	15-01-2007	III	115	62	12.2	16.7	1574
14	19-01-2007	III	89	48	10.1	12.2	1432
15	22-01-2007	IV	129	85	11.4	15.4	1798
16	26-01-2007	IV	121	66	9.7	13.4	1524
17	1/2/2007	I	124	75	13.8	17.4	1689
18	6/2/2007	I	110	56	12.4	18.5	1452
19	8/2/2007	II	98	54	9.8	15.2	1541
20	13-02-2007	II	90	50	9.2	12.6	1365
21	15-02-2007	III	112	66	13.4	16.4	1481
22	20-02-2007	III	88	52	10.2	12.5	1524
23	22-02-2007	IV	126	74	14.3	18.2	1692
24	27-02-2007	IV	118	63	11.2	13.6	1620
<b>Maximum</b>			129.0	85.0	14.3	20.1	1798.0
<b>Minimum</b>			88.0	48.0	8.4	12.2	1124.0
<b>Average</b>			106.8	63.5	10.9	15.0	1490.2
<b>98% Perc. of Max.</b>			126.4	83.3	14.0	19.7	1762.0

**APPENDIX – 4c (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR WINTER-2006**

Monitoring Location : JALPARA							
Sr. No.	Date of Monitoring	Week	Ground Level Concentration				
			SPM	RPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
1	2/12/2006	I	123	76	10.1	18.6	1523
2	7/12/2006	I	120	71	11.6	15.7	1365
3	11/12/2006	II	95	60	9.2	14.9	1796
4	15-12-2006	II	114	66	10.4	14.2	1545
5	19-12-2006	III	118	73	12.6	15.3	1687
6	23-12-2006	III	115	70	11.3	16.2	1486
7	26-12-2006	IV	92	58	8.8	17.6	1657
8	30-12-2006	IV	97	69	12.6	14.2	1516
9	2/1/2007	I	125	72	12.9	18.9	1689
10	6/1/2007	I	121	66	12.4	17.5	1512
11	9/1/2007	II	110	70	15.7	20.1	1689
12	13-01-2007	II	96	58	12.4	16.3	1485
13	16-01-2007	III	135	82	15.2	18.7	1572
14	20-01-2007	III	128	72	11.4	15.6	1592
15	23-01-2007	IV	111	64	14.8	18.6	1786
16	27-01-2007	IV	92	52	10.3	14.5	1319
17	2/2/2007	I	121	76	14.3	17.6	1576
18	7/2/2007	I	117	72	13.6	16.4	1432
19	9/2/2007	II	106	58	15.8	21.3	1642
20	14-02-2007	II	94	64	12.6	15.8	1423
21	16-02-2007	III	138	84	14.5	18.5	1572
22	21-02-2007	III	120	88	12.2	15.2	1534
23	23-02-2007	IV	110	72	13.2	20.1	1872
24	28-02-2007	IV	87	66	10.2	14.2	1298
<b>Maximum</b>			138.0	88.0	15.8	21.3	1872.0
<b>Minimum</b>			87.0	52.0	8.8	14.2	1298.0
<b>Average</b>			111.9	69.1	12.3	16.9	1565.3
<b>98% Perc. of Max.</b>			135.2	86.2	15.5	20.9	1834.6

**APPENDIX – 4c (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR WINTER-2006**

Monitoring Location : DESALPAR							
Sr. No.	Date of Monitoring	Week	Ground Level Concentration				
			SPM	RPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
1	1/12/2006	I	124	76	13.8	20.3	1685
2	6/12/2006	I	120	66	12.2	15.8	1523
3	9/12/2006	II	112	64	12.5	17.3	1825
4	14-12-2006	II	95	62	11.3	13.8	1672
5	18-12-2006	III	92	58	10.2	14.2	1423
6	22-12-2006	III	110	66	10.5	14.6	1489
7	25-12-2006	IV	128	82	14.2	17.5	1576
8	29-12-2006	IV	124	70	12.6	16.4	1685
9	1/1/2007	I	118	81	15.2	18.7	1653
10	5/1/2007	I	96	66	12.6	19.3	1532
11	8/1/2007	II	126	83	11.5	18.3	1859
12	12/1/2007	II	114	74	10.3	14.5	1765
13	15-01-2007	III	139	93	14.6	15.8	1533
14	19-01-2007	III	128	80	14.3	15.5	1524
15	22-01-2007	IV	132	89	11.3	13.2	1796
16	26-01-2007	IV	116	74	10.2	12.9	1466
17	1/2/2007	I	120	78	14.9	21.1	1542
18	6/2/2007	I	97	65	13.1	19.5	1486
19	08-02-2007	II	123	76	12.1	18.4	1624
20	13-02-2007	II	115	73	10.5	16.2	1356
21	15-02-2007	III	128	81	13.9	15.5	1475
22	20-02-2007	III	127	78	14.4	14.6	1513
23	22-02-2007	IV	126	75	11.6	13.4	1624
24	27-02-2007	IV	121	73	9.6	12.6	1416
<b>Maximum</b>			139.0	93.0	15.2	21.1	1859.0
<b>Minimum</b>			92.0	58.0	9.6	12.6	1356.0
<b>Average</b>			118.0	74.3	12.4	16.2	1585.1
<b>98% Perc. of Max.</b>			136.2	91.1	14.9	20.7	1821.8

**APPENDIX – 4c (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR WINTER-2006**

Monitoring Location : Mota Bhojapur							
Sr. No.	Date of Monitoring	Week	Ground Level Concentration				
			SPM	RPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
1	2/12/2006	I	137	94	12.4	17.6	1598
2	7/12/2006	I	114	66	12.2	17.2	1572
3	11/12/2006	II	110	74	10.6	16.6	1789
4	15-12-2006	II	92	56	9.5	15.5	1652
5	19-12-2006	III	134	76	14.8	17.9	1679
6	23-12-2006	III	98	60	12.4	16.4	1545
7	26-12-2006	IV	92	59	13.6	15.8	1648
8	30-12-2006	IV	88	48	12.5	14.9	1476
9	2/1/2007	I	132	84	15.6	20.3	1691
10	6/1/2007	I	112	64	11.2	15.1	1793
11	9/1/2007	II	121	78	14.8	17.8	1521
12	13-01-2007	II	90	58	13.4	16.9	1365
13	16-01-2007	III	118	72	16.8	21.2	1867
14	20-01-2007	III	103	58	11.6	15.9	1587
15	23-01-2007	IV	119	70	15.2	18.6	1820
16	27-01-2007	IV	116	62	13.2	16.2	1345
17	2/2/2007	I	131	81	10.9	18.6	1685
18	7/2/2007	I	126	72	13.5	15.6	1598
19	9/2/2007	II	118	77	12.6	16.8	1483
20	14-02-2007	II	91	55	11.5	17.2	1372
21	16-02-2007	III	114	66	13.2	20.1	1756
22	21-02-2007	III	108	62	12.8	16.2	1564
23	23-02-2007	IV	120	72	11.6	17.7	1682
24	28-02-2007	IV	112	58	10.5	16.7	1277
<b>Maximum</b>			137.0	94.0	16.8	21.2	1867.0
<b>Minimum</b>			88.0	48.0	9.5	14.9	1277.0
<b>Average</b>			112.3	67.6	12.8	17.2	1598.5
<b>98% Perc. of Max.</b>			134.3	92.1	16.5	20.8	1829.7

**APPENDIX – 4c (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR WINTER-2006**

<b>Monitoring Location : Tragadi</b>							
<b>Sr. No.</b>	<b>Date of Monitoring</b>	<b>Week</b>	<b>Ground Level Concentration</b>				
			<b>SPM</b>	<b>RPM</b>	<b>SO<sub>2</sub></b>	<b>NO<sub>x</sub></b>	<b>CO</b>
			<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>
1	4/12/2006	I	110	64	9.6	12.2	1598
2	12/12/2006	II	98	58	10.5	14.8	1476
3	20-12-2006	III	118	68	11.2	16.4	1622
4	27-12-2006	IV	92	52	8.9	12.8	1485
5	3/1/2007	I	124	72	10.6	13.9	1795
6	10/1/2007	II	102	58	11.2	15.6	1536
7	17-01-2007	III	112	68	9.5	12.6	1599
8	24-01-2007	IV	93	62	10.8	13.2	1362
9	3/2/2007	I	120	72	9.8	11.9	1697
10	10/2/2007	II	110	62	11.3	14.5	1542
11	17-02-2007	III	117	68	12.6	16.2	1576
12	24-02-2007	IV	98	58	10.2	12.8	1485
<b>Maximum</b>			124.0	72.0	12.6	16.4	1795.0
<b>Minimum</b>			92.0	52.0	8.9	11.9	1362.0
<b>Average</b>			107.8	63.5	10.5	13.9	1564.4
<b>98% Perc. of Max.</b>			121.5	70.6	12.3	16.1	1759.1

**APPENDIX – 4c (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR WINTER-2006**

Monitoring Location : Pipari							
Sr. No.	Date of Monitoring	Week	Ground Level Concentration				
			SPM	RPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
1	5/12/2006	I	110	68	11.2	16.5	1590
2	13-12-2006	II	92	46	10.1	13.2	1624
3	21-12-2006	III	94	48	11.6	14.2	1546
4	28-12-2006	IV	112	64	9.6	14.8	1475
5	4/1/2007	I	123	76	9.6	12.6	1662
6	11/1/2007	II	110	59	10.4	15.6	1843
7	18-01-2007	III	117	78	11.4	16.3	1596
8	25-01-2007	IV	108	65	8.9	11.8	1472
9	5/2/2007	I	118	68	9.5	17.9	1598
10	12/2/2007	II	111	62	12.3	15.8	1756
11	19-02-2007	III	112	58	10.8	14.5	1598
12	26-02-2007	IV	110	60	11.4	12.6	1523
<b>Maximum</b>			123.0	78.0	12.3	17.9	1843.0
<b>Minimum</b>			92.0	46.0	8.9	11.8	1472.0
<b>Average</b>			109.8	62.7	10.6	14.7	1606.9
<b>98% Perc. of Max.</b>			120.5	76.4	12.1	17.5	1806.1

**APPENDIX – 4c(Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR WINTER-2006**

Monitoring Location : Bidada							
Sr. No.	Date of Monitoring	Week	Ground Level Concentration				
			SPM	RPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
1	5/12/2006	I	136	75	11.6	16.4	1756
2	13-12-2006	II	102	61	13.2	18.5	1534
3	21-12-2006	III	126	73	12.4	15.3	1620
4	28-12-2006	IV	89	64	10.9	13.5	1476
5	4/1/2007	I	126	82	15.8	20.8	1689
6	11/1/2007	II	93	61	13.2	16.5	1524
7	18-01-2007	III	121	70	14.2	18.7	1836
8	25-01-2007	IV	116	68	12.1	15.6	1589
9	5/2/2007	I	124	72	14.9	18.6	1598
10	12/2/2007	II	95	62	13.6	16.9	1575
11	19-02-2007	III	117	68	14.5	17.4	1725
12	26-02-2007	IV	118	66	12.8	16.5	1488
<b>Maximum</b>			136.0	82.0	15.8	20.8	1836.0
<b>Minimum</b>			89.0	61.0	10.9	13.5	1476.0
<b>Average</b>			113.6	68.5	13.3	17.1	1617.5
<b>98% Perc. of Max.</b>			133.3	80.4	15.5	20.4	1799.3

**APPENDIX – 4c (Cont'd)**

**AMBIENT AIR QUALITY MONITORING REPORT FOR WINTER-2006**

Monitoring Location : Kandagra							
Sr. No.	Date of Monitoring	Week	Ground Level Concentration				
			SPM	RPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
1	4/12/2006	I	128	78	11.6	16.4	1475
2	12/12/2006	II	89	56	10.2	15.3	1624
3	20-12-2006	III	110	72	12.4	15.8	1573
4	27-12-2006	IV	103	60	9.6	14.2	1352
5	3/1/2007	I	114	64	9.2	12.8	1759
6	10/1/2007	I	123	72	11.4	14.8	1456
7	17-01-2007	II	115	68	12.8	17.6	1893
8	24-01-2007	III	99	52	9.9	15.8	1423
9	3/2/2007	I	112	62	10.5	12.5	1657
10	10/2/2007	I	118	74	11.6	15.7	1485
11	17-02-2007	II	116	70	10.8	13.2	1712
12	24-02-2007	III	106	58	12.3	17.2	1464
<b>Maximum</b>			128.0	78.0	12.8	17.6	1893.0
<b>Minimum</b>			89.0	52.0	9.2	12.5	1352.0
<b>Average</b>			111.1	65.5	11.0	15.1	1572.8
<b>98% Perc. of Max.</b>			125.4	76.4	12.5	17.2	1855.1