

TABLE-A  
 AMBIENT AIR QUALITY RESULTS  
 MONITORING STATION:PRIYAMBADA

Annexure-IIa

SL.	DATE	Pollutant's Concentration											
		PM <sub>10</sub> μg/m <sup>3</sup>	PM <sub>2.5</sub> μg/m <sup>3</sup>	SO <sub>2</sub> μg/m <sup>3</sup>	NO <sub>2</sub> μg/m <sup>3</sup>	Ozone (O <sub>3</sub> ) μg/m <sup>3</sup>	Lead (Pb) μg/m <sup>3</sup>	CO mg/m <sup>3</sup>	Ammonia (NH <sub>3</sub> ) μg/m <sup>3</sup>	Benzene (C <sub>6</sub> H <sub>6</sub> ) μg/m <sup>3</sup>	Benzo(a)Pyrene (BaP) ng/m <sup>3</sup>	Arsenic (As) ng/m <sup>3</sup>	Nickel (Ni) ng/m <sup>3</sup>
1	27/28.4.2015	48.4	23.3	BDL	BDL			0					
2	30.04-1.05.15	33.6	23.9	BDL	BDL			1.16					
3	4/5.05.2015	39.8	25.2	BDL	BDL			0					
4	8/9/.05.2015	67.4	38.3	BDL	BDL			0					
5	18/19.05.2015	237.6	32.3	BDL	BDL			1.55					
6	21/22/.5.2015	69	21.8	BDL	BDL			0					
7	14/15/.5.2015	192.9	35.1	BDL	BDL			0					
8	21/22/.5.2015	69	21.8	BDL	BDL			0					
9	1/2.06.2015	69.5	29.9	BDL	BDL			1.83					
10	4/5.6.2015	59.6	27.1	BDL	BDL			1.14					
11	8/9/.06.2015	172.2	35.2	BDL	BDL			0					
12	11/12/.6.2015	98.1	25.1	BDL	BDL			0					
13	15/16.6.2015	65.4	22.7	BDL	BDL			0					
14	26/27.6.2015	31	23.6	BDL	BDL			4.59					
15	29/30.6.2015	90.7	27.5	BDL	BDL			4.62					
16	2/3.07.2015	41.4	25.3	BDL	BDL			1.35					
17	26/27.05.2015	161	26.9	BDL	BDL	BDL	0.028	0	BDL	BDL	BDL	BDL	6.1
<b>AVERAGE</b>		81.50588	25.7706	BDL	BDL	BDL	0.028	0.96	BDL	BDL	BDL	BDL	6.1

TABLE-B  
 AMBIENT AIR QUALITY RESULTS  
 MONITORING STATION: BASUDEVPUR

SL.	DATE	Pollutant's Concentration											
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	Ozone (O <sub>3</sub> ) µg/m <sup>3</sup>	Lead (Pb) µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	Ammonia (NH <sub>3</sub> ) µg/m <sup>3</sup>	Benzene (C <sub>6</sub> H <sub>6</sub> ) µg/m <sup>3</sup>	Benzo(a)Pyrene (BaP) ng/m <sup>3</sup>	Arsenic (As) ng/m <sup>3</sup>	Nickel (Ni) ng/m <sup>3</sup>
1	18/19.6.2015	55.5	32.8	BDL	BDL			0					
2	22/23.6.2015	67.5	29	BDL	BDL			0					
3	25/26.6.2015	41.7	28	BDL	BDL			0					
4	27/28.6.2015	35.1	24.4	BDL	BDL			2.23					
5	30.6/1.7.2015	122.6	31.5	BDL	BDL			3.61					
6	3/4/.7.2015	52.9	29.8	BDL	BDL			1.28					
7	6/7.7.2015	45.5	27.3	BDL	BDL			1.52					
8	9/10.7.2015	50.4	24.2	BDL	BDL			1.44					
9	12/13.7.2015	77.9	20	BDL	BDL			1.82					
10	15/16.7.2015	152.7	20	BDL	BDL			1.62					
11	18/19.7.2015	37.7	25.9	BDL	BDL			1.75					
12	21/22.7.2015	32.2	20.9	BDL	BDL			1.55					
13	24/25.7.2015	23	13.6	BDL	BDL			1.33					
14	29/30.7.2015	25.5	14.8	BDL	BDL			0					
15	31/1.8.2015	28.8	14.2	BDL	BDL			0					
16	2/3.08.2015	28.1	14.7	BDL	BDL			0					
17	27/28.7.2015	31.9	18.6	BDL	BDL	BDL	BDL	1.39	BDL	BDL	BDL	BDL	3.2
<b>AVERAGE</b>		53.47	22.92	BDL	BDL	BDL	BDL	1.15	BDL	BDL	BDL	BDL	3.2

TABLE-C  
 AMBIENT AIR QUALITY RESULTS  
 MONITORING STATION:FACTORY MAIN GATE

SL.	DATE	Pollutant's Concentration											
		PM <sub>10</sub> μg/m <sup>3</sup>	PM <sub>2.5</sub> μg/m <sup>3</sup>	SO <sub>2</sub> μg/m <sup>3</sup>	NO <sub>2</sub> μg/m <sup>3</sup>	Ozone (O <sub>3</sub> ) μg/m <sup>3</sup>	Lead (Pb) μg/m <sup>3</sup>	CO mg/m <sup>3</sup>	Ammonia (NH <sub>3</sub> ) μg/m <sup>3</sup>	Benzene (C <sub>6</sub> H <sub>6</sub> ) μg/m <sup>3</sup>	Benzo(a)Pyrene (BaP) ng/m <sup>3</sup>	Arsenic (As) ng/m <sup>3</sup>	Nickel (Ni) ng/m <sup>3</sup>
1	27/28.4.2015	44.5	27.5	BDL	BDL			BDL					
2	30.4/1.5.15	37.1	23.1	BDL	BDL			1.52					
3	4/5.5.2015	48.8	25.2	BDL	BDL			BDL					
4	8/9.5.2015	60.4	36.7	BDL	BDL			BDL					
5	14/15.5.2015	143.5	33.4	BDL	BDL			BDL					
6	18/19.5.2015	75	27.3	BDL	BDL			2.61					
7	4/5.06.2015	96.2	29.1	BDL	BDL			1.17					
8	8/9.6.2015	138.2	30.5	BDL	BDL			BDL					
9	11/12.6.2015	116	31.3	BDL	BDL			BDL					
10	15/16.6.2015	168.5	29.4	BDL	BDL			BDL					
11	26/27.6.2015	124.3	33.9	BDL	BDL			4.88					
12	29/30.6.2015	31.2	21.5	BDL	BDL			4.21					
13	2/3.7.2015	98.4	32.2	BDL	BDL			BDL					
14	28/29.5.2015	202.7	31.1	BDL	BDL	BDL	0.247	1.26	BDL	BDL	BDL	BDL	18.4
<b>AVERAGE</b>		81.45882	24.25	BDL	BDL	BDL	0.247	0.92	BDL	BDL	BDL	BDL	18.4

TABLE-D  
 AMBIENT AIR QUALITY RESULTS  
 MONITORING STATION:JHIKURKHALI

SL.	DATE	Pollutant's Concentration											
		PM <sub>10</sub> μg/m <sup>3</sup>	PM <sub>2.5</sub> μg/m <sup>3</sup>	SO <sub>2</sub> μg/m <sup>3</sup>	NO <sub>2</sub> μg/m <sup>3</sup>	Ozone (O <sub>3</sub> ) μg/m <sup>3</sup>	Lead (Pb) μg/m <sup>3</sup>	CO mg/m <sup>3</sup>	Ammonia (NH <sub>3</sub> ) μg/m <sup>3</sup>	Benzene (C <sub>6</sub> H <sub>6</sub> ) μg/m <sup>3</sup>	Benzo(a)Pyrene (BaP) ng/m <sup>3</sup>	Arsenic (As) ng/m <sup>3</sup>	Nickel (Ni) ng/m <sup>3</sup>
1	22/23.6.2015	133.2	37.6	BDL	BDL								
2	25/26.6.2015	98.9	45.9	BDL	BDL								
3	30/6.1/7.15	37	23.4	BDL	BDL			4.11					
4	3/4.7.2015	40.8	25.7	BDL	BDL			1.57					
5	6/7/.7.2015	45.1	24.8	BDL	BDL			BDL					
6	9/10.7.2015	133.8	24.6	BDL	BDL			1.28					
7	12/13.7.2015	55.7	26.2	BDL	BDL			1.38					
8	15/16.7.2015	38.5	25.7	BDL	BDL			BDL					
9	18/19.7.2015	31.7	21.9	BDL	BDL			2.17					
10	21/22.7.2015	30.4	17.9	BDL	BDL			1.38					
11	24/25.7.2015	24.7	15.3	BDL	BDL			BDL					
12	227/28.7.2015	26.7	17.2	BDL	BDL			BDL					
13	30/31.7.2015	24.9	15.4	BDL	BDL			BDL					
14	2/3.8.2015	25.2	17.1	BDL	BDL			BDL					
15	27/28.7.2015	34	21.1	BDL	BDL	BDL	BDL	1.25	BDL	BDL	BDL	BDL	BDL
<b>AVERAGE</b>		45.91765	21.1647	0	0	BDL	BDL	0.8	BDL	BDL	BDL	BDL	BDL

TABLE-E  
 AMBIENT AIR QUALITY RESULTS  
 MONITORING STATION RAM NAGAR

SL.	DATE	Pollutant's Concentration											
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	Ozone (O <sub>3</sub> ) µg/m <sup>3</sup>	Lead (Pb) µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	Ammonia (NH <sub>3</sub> ) µg/m <sup>3</sup>	Benzene (C <sub>6</sub> H <sub>6</sub> ) µg/m <sup>3</sup>	Benzo(a)Pyrene (BaP) ng/m <sup>3</sup>	Arsenic (As) ng/m <sup>3</sup>	Nickel (Ni) ng/m <sup>3</sup>
1	27/28.4.2015	60.5	18.2	BDL	BDL			BDL					
2	30.4/1.5.2015	28.3	17.4	BDL	BDL			BDL					
3	4/5.5.2015	25.8	16	BDL	BDL			1.41					
4	8/9.5.2015	170.7	44.7	BDL	BDL			BDL					
5	18/19.5.2015	58.7	23.7	BDL	BDL			1.67					
6	21/22.5.2015	36.6	20	BDL	BDL			1.25					
7	8/9.6.2015	56.2	26.8	BDL	BDL			1.18					
8	11/12.6.2015	64.8	23.2	BDL	BDL			BDL					
9	15/16.6.2015	67.4	24.1	BDL	BDL			BDL					
10	26/27.6.2015	47	29.5	BDL	BDL			1.91					
11	29/30.6.2015	66.9	31	BDL	BDL			1.99					
12	2/3.7.2015	90.2	28.7	BDL	BDL			1.22					
13	27/28.5.2015	206.2	32	BDL	BDL	BDL	0.246	1.28	BDL	BDL	BDL	BDL	10.4
<b>AVERAGE</b>		57.60588	19.7235	0	0	BDL	0.246	0.7006	BDL	BDL	BDL	BDL	10.4

TABLE-F  
 AMBIENT AIR QUALITY RESULTS  
 MONITORING STATION RAGHU NATH CHAK

SL.	DATE	Pollutant's Concentration											
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	Ozone (O <sub>3</sub> ) µg/m <sup>3</sup>	Lead (Pb) µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	Ammonia (NH <sub>3</sub> ) µg/m <sup>3</sup>	Benzene (C <sub>6</sub> H <sub>6</sub> ) µg/m <sup>3</sup>	Benzo(a)Pyrene (BaP) ng/m <sup>3</sup>	Arsenic (As) ng/m <sup>3</sup>	Nickel (Ni) ng/m <sup>3</sup>
1	18/19.6.2015	54.1	26	BDL	BDL								
2	22/23.6.2015	86.1	32.5	BDL	BDL								
3	25/26.6.2015	143.4	31.4	BDL	BDL								
4	27/28.6.2015	26.7	19.2	BDL	BDL			4.65					
5	30/6.1/7.2015	51	26.3	BDL	BDL			1.99					
6	3/4.7.2015	48.5	26.6	BDL	BDL			BDL					
7	6/7.7.2015	43.8	24.7	BDL	BDL			1.28					
8	9/10.7.2015	52.2	27.8	BDL	BDL			1.2					
9	12/13.7.2015	35	20.5	BDL	BDL			1.33					
10	15/16.7.2015	39.4	27.7	BDL	BDL			1.26					
11	18/19.7.2015	45.1	25.4	BDL	BDL			1.29					
12	21/22.7.2015	38.5	21.7	BDL	BDL			1.57					
13	24/25.7.2015	25.4	17.1	BDL	BDL			BDL					
14	29/30.7.2015	24.6	15.6	BDL	8.7			BDL					
15	30/31.7.2015	23.9	10.7	BDL	BDL			BDL					
16	2/3.8.2015	24.9	16.1	BDL	BDL			BDL					
17	27/28.7.2015	28.3	16.7	BDL	BDL	BDL	BDL	1.3	BDL	BDL	BDL	BDL	BDL
<b>AVERAGE</b>		46.52353	22.7059	BDL	8.7	BDL	BDL	0.93	BDL	BDL	BDL	BDL	BDL