

TABLE-A  
 AMBIENT AIR QUALITY RESULTS  
 MONITORING STATION: BASUDEVPUR

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	11,12.12.2017	75	42	5.8	27.4			0.58					
2	14,15.12.2017	93	51	6.8	34.3			0.69					
3	18,18.12.2017	87	48	6.2	32.7			0.55					
4	21,22.12.2017	71	39	6.1	30.9			0.64					
5	25,26.12.2017	71	38	5.5	27.2			0.6					
6	28,29.12.2017	62	35	5.3	25.5			0.53					
7	01,02.01.2018	94	55	9.4	30.5			0.88					
8	04,05.01.2018	82	43	5.5	28.2			0.46					
9	08,09.01.2018	74	39	6.8	35.4			0.67					
10	11,12.01.2018	84	46	7.4	31.2			0.71					
11	15,16.01.2018	80	42	8.1	38.5			0.74					
12	18,19.01.2018	71	37	6.5	36.3			0.6					
13	22,23.01.2018	84	48	7.2	36.8			0.78					
14	25,26.01.2018	91	54	8.3	43.6			0.84					
15	29,30.01.2018	88	52	7.6	39.5	<10	0.02	0.74	<10	<2.08	<0.4	<1.0	5.84
16	01,02.02.2018	75	36	6.6	24.5			0.44					
17	05,06.02.2018	81	39	5.4	21.2			0.37					
<b>AVERAGE</b>		80.18	43.76	6.7353	31.982	<10.0	0.02	0.64	<10	<2.08	<0.4	<1.0	5.84

TABLE-B  
 AMBIENT AIR QUALITY RESULTS  
 MONITORING STATION: PRIYANGBADA

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	11,12.12.2017	78	44	6.2	38.6			0.65					
2	14,15.12.2017	89	43	7.2	36.6			0.76					
3	18,19.12.2017	78	44	6.2	38.6			0.65					
4	21,22.12.2017	80	46	7.8	37.8			0.8					
5	25,26.12.2017	84	46	6.9	38.9			0.72					
6	28,29.12.2017	78	42	6.2	34.8			0.68					
7	01,02.01.2018	92	56	5.8	29.8			0.69					
8	04,05.01.2018	91	50	8.9	31.6			0.48					
9	08,09.01.2018	83	44	7.9	36.5			0.74					
10	11,12.01.2018	81	42	8.1	33.3			0.64					
11	15,16.01.2018	97	52	9.5	34.2			0.6					
12	18,19.01.2018	87	45	8.6	38.2			0.73					
13	22,23.01.2018	82	46	7.3	42.5			0.64					
14	25,25.01.2018	77	45	6.5	37.5			0.57					
15	29,30.01.2018	90	50	7.9	47.5	24.7	0.03	0.78	17.3	2.56	<0.4	<1.0	7.52
16	01,02.02.2018	94	57	7.9	28.8			0.62					
17	05,06.02.2018	85	44	5.8	29.3			0.57					
<b>AVERAGE</b>		85.06	46.82	7.34	36.15	24.7	0.03	0.67	17.3	2.56	<0.4	<1.0	7.52

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	9,10.12.2017	98.00	57	8.4	42.7			0.94					
2	12,13.12.2017	94.00	53	8.1	45.7			0.81					
3	16,17.12.2017	96.00	51	7.8	30.1			0.79					
4	19,20.12.2017	89.00	47	7.6	42.8			0.85					
5	23,24.12.2017	94.00	60	8	40.8			0.89					
6	26,27.12.2017	83.00	58	7.6	37.8			0.84					
7	30.12,01.01.18	84.00	44	7.5	36.6			0.85					
8	2,3.01.2018	118.00	53	9.3	40.2			0.72					
9	6,7.01.2018	147.00	59	9.3	35.4			0.79					
10	9,10.01.2018	85.00	46	8.1	40.1			0.75					
11	13,14.01.2018	92.00	50	8.9	42.3			0.66					
12	16,17.01.2018	96.00	53	9.7	39.5			0.72					
13	30,31.01.2018	97.00	45	8.2	36.6			0.68					
14	13.07.2017	74.00		7.8	33.3			0.72					
15	27,28.01.2018	127.00	78	10.4	38.4	28.5	0.03	0.98	18.6	2.98	0.87	<1.0	8.65
<b>AVERAGE</b>		98.27	53.86	8.45	38.82	28.5	0.03	0.80	18.6	2.98	0.52	<1.0	8.65

TABLE-D  
 AMBIENT AIR QUALITY RESULTS  
 MONITORING STATION:RAMNAGAR

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	10,11.12.2017	91.00	47.00	6.30	31.1			0.60					
2	12,13.12.2017	88.00	47.00	6.00	29.7			0.54					
3	17,18.02.2017	92.00	50.00	6.60	34.7			0.65					
4	20,21.12.2017	80.00	44.00	5.80	27.4			0.51					
5	24,25.12.2017	88.00	49.00	5.70	30.5			0.58					
6	27,28.12.2017	83.00	44.00	6.00	31.9			0.64					
7	31,01.01.2018	82.00	40.00	9.60	31.2			0.54					
8	03,04.01.2018	89.00	48.00	7.50	26.3			0.62					
9	07,08.01.2018	74.00	41.00	6.60	39.4			0.62					
10	10,11.01.2018	81.00	44.00	7.20	42.3			0.68					
11	14,15.01.2018	70.00	38.00	6.90	35.8			0.59					
12	17,18.01.2018	84.00	47.00	7.80	40.3			0.64					
13	21,22.01.2018	89.00	48.00	7.60	36.4			0.73					
14	24,25.01.2018	93.00	57.00	8.20	38.7			0.84					
15	28,29.01.2018	62.00	35.00	5.70	32.4	<10	<0.02	0.63	14.6	<2.08	<0.4	<1.0	<4.0
16	31,01.02.2018	87.00	40.00	5.60	22.2			0.43					
17	04,05.02.2018	98.00	58.00	7.80	26.3			0.55					
<b>AVERAGE</b>		84.18	45.71	6.88	32.74	<10.0	<0.02	0.6	14.6	<2.08	<0.4	<1.0	<4.0

TABLE-E  
 AMBIENT AIR QUALITY RESULTS  
 MONITORING STATION:- RAGHUNATHCHAK

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	10,11.12.2017	82	45	6.1	32.7			0.62					
2	13,14.12.2017	84	45	7.3	37.7			0.68					
3	17,18.12.2017	89	47	6.5	35.1			0.74					
4	20,21.12.2018	82	45	6.1	32.7			0.62					
5	24,25.12.2018	87	47	6.4	35.6			0.69					
6	27,28.12.2017	74	40	5.9	27.6			0.55					
7	31,01.01.2018	82	44	9.10	36.8			0.78					
8	03,04.01.2018	95	54	7.1	31.9			0.66					
9	07,08.01.2018	91	47	8.2	42.4			0.77					
10	10,11.01.2018	83	42	37.3	37.3			0.71					
11	14,15.01.2018	77	40	7.1	34.3			0.6					
12	17,18.01.2018	75	37	6.7	31.4			0.75					
13	21,22.01.2018	82	45	7.4	37.3			0.74					
14	24,25.01.2018	68	38	6.5	29.7			0.67					
15	28,29.01.2018	74	42	7	34.8	18.6	0.02	0.72	15.2	<2.08	<0.4	<1.0	6.13
16	31,01.02.2018	91	47	6.2	25.5			0.5					
17	04,05.02.2018	72	37	5.8	22.9			0.46					
<b>AVERAGE</b>		81.65	43.65	8.63	33.28	18.6	<0.02	0.66	15.2	<2.08	<0.4	<1.0	6.13

TABLE-F  
 AMBIENT AIR QUALITY RESULTS  
 MONITORING STATION:- RIVER SIDE

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	09,10.12.2017	58	29	5.7	27.2			0.55					
2	12,13.12.2017	55	26	5.3	25.1			0.57					
3	16,17.12.2017	61	33	5.4	25.9			0.50					
4	19,20.12.2017	66	37	5.9	30.1			0.47					
5	23,24.12.2017	60	35	5.8	29.2			0.53					
6	26,27.12.2017	65	38	5.2	26.5			0.57					
7	30,01.01.2018	86	40	5.6	23.3			0.48					
8	02,03.01.2018	66	47	6.6	28.5			0.56					
9	06,07.01.2018	61	35	5.8	24.4			0.60					
10	09,10.01.2018	67	38	5.4	23.2			0.65					
11	13,14.01.2018	72	40	6.1	26.8			0.68					
12	16,17.01.2018	56	30	5.3	23.9			0.57					
13	20,21.01.2018	61	35	5.7	22.7			0.48					
14	23,24.01.2018	72	43	6.5	26.3			0.52					
15	27,28.01.2018	65	36	5.9	23.2	<10	<0.02	0.45	<10	<2.08	<0.4	<1.0	<4.0
16	30,31.01.2018	78	36	7.2	28.5			54.00					
17	03,04.02.2018	54	24	6.2	21.2			0.48					
<b>AVERAGE</b>		64.88	35.41	5.86	25.65	<10.0	<0.02	3.69	<10	<2.08	<0.4	<1.0	<4.0

