

TABLE-A  
 AMBIENT AIR QUALITY RESULTS  
 MONITORING STATION: JHIKURKHALI

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	17 ~18.11.20	85.3	47.6	8.3	28.5			0.63					
2	20 ~ 21.11.20	76.6	30.2	7.8	31.4			0.68					
3	23 ~ 24.01.20	45.5	26.7	6.3	21.5			0.41					
4	26 ~ 27.11.20	66.7	35.6	8.2	19.6			0.52					
5	2 ~ 3.12.20	60.2	37.8	7.5	30.5			0.77					
6	5 ~ 6.12.20	54.7	33.4	6.8	23.3			0.54					
7	8 ~ 9 .12.20	67.5	35.4	7.6	24.8			0.4					
8	11 ~ 12.12.20	95.4	47.7	8.2	28.6			0.45					
9	14 ~ 15.12.20	91.3	49.7	6.8	24.8			0.51					
10	17 ~ 18 .12.20	97.7	55.2	8.1	21.6			0.45					
11	23 ~24.12.20	72.3	46.7	8.4	38.7	25.4	0.01	0.76	15.8	<4.2	<0.5	<1.0	5.4
12	26 ~ 27.12.20	91.3	53.2	7.9	35.4			0.78					
13	29 ~ 30.12.20	83.4	46.3	8.7	33.2			0.75					
14	01 ~ 02.01.21	70.2	44.5	7.2	41.3			0.74					
15	04 ~ 05.01.21	69.8	44.4	8.4	37.5			0.74					
16	07 ~ 08.01.21	77.6	45.7	8.2	37.5			0.58					
<b>AVERAGE</b>		75.34	42.51	7.775	29.888	25.4	0.01	0.61	15.8	<4.2	<0.5	<1.0	5.4
<b>Limit as per CPCB</b>		100	60	80	80	180	1	2	400	5	1	6	20

TABLE-B  
 AMBIENT AIR QUALITY RESULTS  
 MONITORING STATION: GIRISH MORE

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	16 ~ 17.11.20	78.5	45.7	10.2	36.6			0.78					
2	19 ~ 20.11.20	62.2	34.5	8.3	27.8			0.66					
3	25 ~ 26.11.20	68.9	40.7	11.2	34.5			0.85					
4	28 ~ 29.11.20	87.6	47.5	12.3	48.2			0.96					
5	01 ~ 02.12.20	82.2	46.6	9.7	31.2			0.74					
6	04~05.12.20	91.8	54.5	8.6	24.7			0.56					
7	07~08.12.20	86.4	48.2	11.2	40.2			0.84					
8	10~11.12.20	59.2	26.5	8.2	29.2			0.66					
9	16~17.12.20	84.2	41.8	8.2	37.1			0.5					
10	19~20.12.20	133.5	73.4	11.4	46.2			0.92					
11	22~23.12.20	94	57.2	10.8	51.4	31	0.02	1.18	20	<4.2	<0.5	<1.0	5.8
12	25~26.12.20	97	51.2	9.5	46.4			1.16					
13	28~29.12.20	98.7	57.3	9.8	48.7			0.96					
14	31.12~01.01.21	88.9	51.6	8.9	39.6			0.87					
15	06~07.01.21	91.4	49.5	10.6	53.7			1.18					
16	09~10.01.21	123.8	70.9	11.7	56.2			1.27					
<b>AVERAGE</b>		89.27	49.82	10.04	40.73	31	0.02	0.88	20	<4.2	<0.5	<1.0	5.8
<b>Limit as per CPCB</b>		100	60	80	80	180	1	2	400	5	1	6	20

TABLE-C  
 AMBIENT AIR QUALITY RESULTS  
 MONITORING STATION:MCPI PLANT

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	18~19.11.20	97.50	54.7	10.2	45.3			0.78					
2	21~22.11.20	85.30	49.6	9.5	52.7			0.84					
3	24~25.11.20	87.60	51.8	9.3	24.7			0.65					
4	27~28.11.20	70.20	38.5	11.8	32.2			0.54					
5	30.11~1.12.20	92.40	55.7	12.6	51.2			0.89					
6	3~4.12.20	85.30	47.6	8.2	31.8			0.62					
7	9~10.12.20	80.70	47.3	9.6	34.5			0.92					
8	12~13.12.20	47.70	24.5	10.2	39.1			0.82					
9	15~16.12.20	88.20	52.6	9.2	33.7			0.76					
10	18~19.12.20	81.20	39.3	11.4	41.2	40.1	0.03	0.92	32.2	<4.2	<0.5	<1.0	7.4
11	21~22.12.20	149.50	80.3	14.6	57.2			1.47					
12	24~25.12.20	93.70	56.6	11.8	48.3			1.25					
13	30~31.12.20	97.40	55.3	10.7	53.4			1.18					
14	02~03.01.21	136.70	72.6	12.3	62.3			1.47					
15	05~06.01.21	81.40	50.8	11.7	51.5			1.16					
16	08~09.01.21	87.00	48.2	9.4	41.6			0.95					
<b>AVERAGE</b>		91.36	51.59	10.78	43.79	40.1	0.03	0.95	32.2	<4.2	<0.5	<1.0	7.4
<b>Limit as per CPCB</b>		100	60	80	80	180	1	2	400	5	1	6	20

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	17~18.11.20	72.20	42.30	8.50	34.8			0.67					
2	20~21.11.20	70.20	34.70	8.40	33.5			0.68					
3	23~24.11.20	78.20	40.30	6.70	21.2			0.65					
4	26~27.11.20	69.80	38.50	7.80	24.7			0.71					
5	2~3.12.20	65.50	36.60	8.60	25.3			0.54					
6	5~6.12.20	87.70	48.50	7.20	29.6			0.79					
7	8~9.12.20	56.20	26.10	7.40	24.4			0.47					
8	11~12.12.20	81.30	37.20	7.80	33.8	33.2	0.02	0.57	23.3	<4.2	<0.5	<1.0	6
9	14~15.12.20	78.80	40.10	7.40	34			0.58					
10	17~18.12.20	91.60	39.90	7.80	31.7			0.87					
11	23~24.12.20	79.80	47.30	9.50	41.6			0.87					
12	26~27.12.20	73.70	44.80	8.20	37.4			0.87					
13	29~330.12.20	95.20	53.40	9.20	45.7			0.93					
14	1~2.01.21	89.80	51.70	8.60	38.4			0.85					
15	4~5.01.21	74.40	45.20	9.60	41.3			0.87					
16	7~8.01.21	97.70	55.60	12.80	43.2			1.05					
<b>AVERAGE</b>		78.88	42.64	8.47	33.79	33.2	0.02	0.75	23.3	<4.2	<0.5	<1.0	6
<b>Limit as per CPCB</b>		100	60	80	80	180	1	2	400	5	1	6	20

TABLE-E  
 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	16~17.11.20	68.6	35.5	7.3	24.2			0.67					
2	19~20.11.20	74.5	42.2	6.9	34.6			0.71					
3	25~26.11.20	64.8	34.5	8.6	20.4			0.57					
4	28~29.11.20	85.3	47.6	9.7	26.3			0.65					
5	01~02.12.20	50.2	28.6	7.3	27.5			0.82					
6	04~05.12.20	46.6	26.3	9.2	30.4			0.51					
7	07~08.12.20	81.9	40.2	8.40	37.1			0.74					
8	10~11.12.20	48.9	25.2	9	30.6			0.78					
9	16~17.12.20	85.8	35.9	9.2	27.6			0.48					
10	19~20.12.20	56.6	35.4	9.4	24.6			0.57					
11	22~23.12.20	89.6	52.5	8.7	42.3	26.7	0.02	0.97	17.4	<4.2	<0.5	<1.0	7.4
12	25~26.12.20	76.3	47.4	7.8	37.4			0.75					
13	28~29.12.20	75.3	43.5	8.3	42.3			0.83					
14	31.12~01.01.21	63.7	36.4	7.5	38.3			0.75					
15	06~07.01.21	68.8	42	7.8	34.4			0.63					
16	09~10.01.21	72.3	44.7	7.5	34.8			0.65					
<b>AVERAGE</b>		69.33	38.62	8.29	32.05	26.7	0.02	0.69	17.4	<4.2	<0.5	<1.0	7.4
<b>Limit as per CPCB</b>		100	60	80	80	180	1	2	400	5	1	6	20

TABLE-F  
 AMBIENT AIR QUALITY RESULTS  
 MONITORING STATION:- KUMARCHAK

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	18~19.11.20	92.2	50.4	9.7	31.2			0.84					
2	21~22.11.20	68.5	37.3	8.6	27.4			0.67					
3	24~25.11.20	54.5	33.2	8.5	25.7			0.44					
4	27~28.11.20	41.6	23.3	6.8	18.5			0.35					
5	30.11~1.12.20	75.7	43.8	9.2	35.4			0.78					
6	3~4.12.20	56.6	24.5	10.7	26.3			0.87					
7	9~10.12.20	60.8	33.5	6.4	25.8			0.39					
8	12~13.12.20	44.5	21.9	7.6	34.2			0.51					
9	15~16.12.20	93.8	41.2	7.9	36.2			0.66					
10	18~19.12.20	58.1	31.2	8.1	34.2			0.56					
11	21~22.12.20	90.8	51.7	9.8	43.7	28.4	0.02	1.09	19.7	<4.2	<0.5	<1.0	6.4
12	24~25.12.20	86.6	51.2	9.3	45.7			0.95					
13	30~31.12.20	82.6	47.8	8.5	42.7			0.78					
14	02~03.01.21	72.8	42.7	7.9	38.5			0.67					
15	05~06.01.21	76.4	47.5	8.5	38.7			0.65					
16	08~09.01.21	75.9	44.6	8.4	41.7			0.86					
<b>AVERAGE</b>		70.71	39.11	8.49	34.12	28.4	0.02	0.69	19.7	<4.2	<0.5	<1.0	6.4
<b>Limit as per CPCB</b>		100	60	80	80	180	1	2	400	5	1	6	20