

TABLE-A  
 AMBIENT AIR QUALITY RESULTS  
 MONITORING STATION: BASUBEVPUR

Annexure-Ila

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	12.11-13.11.2019	115.3	57.6	11.5	54.3			0.56					
2	15.11-16.11.2019	97.2	53.2	9.8	48.7			0.78					
3	18.11-19.11.2019	88.6	47.9	7.6	36.3			0.98					
4	21.11-22.11.2019	135.2	64.2	12.2	51.5			1.25					
5	27.11-28.11.2019	87.2	53.5	9.8	42.3			1.13					
6	30.11-01.12.2019	75.4	55.3	11.4	54.2			0.98					
7	3.12-4.12.2019	62.1	30.6	8.1	40.2			0.77					
8	6.12-7.12.2019	44	26.3	6.2	35.2			0.63					
9	9.12-10.12.2019	67.8	37.6	8.7	47.3			1.03					
10	12.12-13.12.2019	78.6	45.2	10.2	54.6			1.11					
11	18.12-19.12.2019	122.5	65.3	13.9	46.6			1.09					
12	21.12-22.12.2019	79.2	36.6	10.3	36.2			1.05					
13	24.12-25.12.2019	138.5	82.3	11.7	51.2			0.98					
14	27.12-28.12.2019	184.8	97.7	15.6	46.5			0.78					
15	30.12-31.12.2019	112.2	66.6	12.8	53.8			0.86					
16	2.01-03.01.2020	92.3	55.2	10.4	47.6	28.5	0.01	0.69	17.6	<4.2	<0.5	<1.0	6.1
<b>AVERAGE</b>		98.81	54.69	10.6375	46.65625	28.5	0.01	0.92	17.6	<4.2	<0.5	<1.0	6.1
<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: 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	11.11-12.11.2019	112.3	54.7	10.5	57.4			0.60					
2	14.11-15.11.2019	93.7	43.6	8.6	43.2			0.85					
3	20.11-21.11.2019	75.6	44.3	7.2	40.2			0.96					
4	23.11-24.11.2019	82.5	41.6	9.7	36.6			1.01					
5	26.11-27.11.2019	85.6	45.3	9.5	42.7			0.56					
6	29.11-30.11.2019	98.3	57.4	11.2	56.3			1.03					
7	02.12-03.12.2019	50.2	32.5	8.2	36.2			0.78					
8	05.12-06.12.2019	69.4	37.2	9.2	39.2			0.95					
9	11.12-13.12.2019	91.3	51.2	9.6	47.4			0.87					
10	14.12-15.12.2019	128.6	72.5	11.3	55.7			0.58					
11	17.12-18.12.2019	92.4	55.4	10.4	41.2			0.45					
12	20.12-21.12.2019	113.3	58.1	9.2	37.1			0.65					
13	23.12-24.12.2019	127.6	75.8	12.5	53.4			0.57					
14	26.12-27.12.2019	98.2	57.6	10.3	42.5			0.78					
15	01.01-02.01.2020	122.3	72.4	12.8	51.5			0.87					
16	04.01-05.01.2020	97.7	57.2	9.4	45.2	38.2	0.01	1.03	21.3	<4.2	<0.5	<1.0	5.9
<b>AVERAGE</b>		96.19	53.55	9.98	45.36	38.2	0.01	0.78	21.3	<4.2	<0.5	<1.0	5.9
<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:FACTORY MAIN GATE (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	11.11-12.11.2019	116.50	55.3	11.2	52.3			1.02					
2	14.11-15.11.2019	95.10	51.3	9.6	48.7			0.86					
3	20.11-21.11.2019	72.30	35.6	12.2	39.6			1.45					
4	23.11-24.11.2019	98.60	56.4	9.3	41.5			1.35					
5	26.11-27.11.2019	88.40	36.6	12.6	58.4			1.09					
6	29.11-30.11.2019	97.50	59.6	15.4	63.7			0.98					
7	02.12-03.12.2019	77.70	32.4	10.6	34.6			0.68					
8	05.12-06.12.2019	75.40	44.0	10.3	40.1			1.22					
9	11.12-12.12.2019	98.70	53.4	11.7	52.3			1.26					
10	14.12-15.12.2019	116.20	57.9	14.3	61.7			1.11					
11	17.12-18.12.2019	126.10	59.6	10.2	45.5			1.02					
12	20.12-21.12.2019	75.60	40.2	12.2	54.1			1.31					
13	23.12-24.12.2019	120.20	62.6	16.7	63.8			1.26					
14	26.12-27.12.2019	97.20	52.3	12.5	56.4			0.78					
15	01.01-02.01.2020	86.80	48.2	18.6	68.7			0.97					
16	05.12-06.12.2020	137.60	73.5	14.7	52.6	41.8	0.04	0.83	26.3	<4.2	<0.5	<1.0	11.5
<b>AVERAGE</b>		98.74	51.18	12.63	52.13	41.8	0.04	1.07	26.3	<4.2	<0.5	<1.0	11.5
<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	13.11-14.11.2019	84.50	56.80	9.80	45.3			0.78					
2	16.11-17.11.2019	72.60	40.50	8.70	37.5			0.82					
3	19.11-20.11.2019	76.20	39.00	9.30	45.4			0.67					
4	22.11-23.11.2019	66.50	52.20	8.10	33.6			0.74					
5	25.11-26.11.2019	147.20	83.50	9.20	42.2			0.45					
6	28.11-29.11.2019	125.60	58.70	11.70	52.3			0.72					
7	04.12-05.12.2019	67.40	29.10	8.00	33.6			0.54					
8	7.12-08.12.2019	42.30	21.20	7.40	34.2			0.97					
9	10.12-11.12.2019	75.20	36.40	10.20	47.8			0.75					
10	13.12-14.12.2019	141.60	74.30	12.50	53.2			0.54					
11	16.12-17.12.2019	89.50	53.00	14.20	46.6			0.58					
12	19.12-20.12.2019	123.50	57.40	11.40	51.2			0.46					
13	25.12-26.12.2019	112.30	64.50	14.80	56.3			0.97					
14	28.12-29.12.2019	82.90	50.40	11.20	42.7			0.75					
15	31.12-01.01.2020	155.50	82.60	14.50	58.2			0.66					
16	3.01-04.01.2020	93.40	52.70	9.60	42.8	30.6	0.09	0.78	18.5	<4.2	<0.5	<1.0	7.5
<b>AVERAGE</b>		97.26	53.27	10.66	45.18	30.6	0.09	0.7	18.5	<4.2	<0.5	<1.0	7.5
<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:- 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	12.11-13.11.2019	94.9	54.2	11.8	51.2			0.92					
2	15.11-16.11.2019	88.1	47.4	9.7	16.3			0.87					
3	18.11-19.11.2019	143.4	65.2	10.2	44.5			0.76					
4	21.11-22.11.2019	89.2	50.3	8.3	32.4			0.54					
5	27.11-28.11.2019	71.5	53.6	12.4	53.2			0.49					
6	30.11-01.12.2019	108.8	62.2	16.3	65.2			0.63					
7	3.12-4.12.2019	78.8	44.7	9.30	31.6			0.46					
8	6.12-7.12.2019	51.3	30.2	9.1	36.2			0.87					
9	9.12-10.12.2019	79.6	45.2	9.2	43.6			0.96					
10	12.12-13.12.2019	98.5	57.6	11.7	54.8			1.13					
11	18.12-19.12.2019	164.4	75.6	14.5	30.8			0.98					
12	21.12-22.12.2019	90.2	52.3	10.4	40.4			1.03					
13	24.12-25.12.2019	76.8	46.6	12.4	57.3			1.12					
14	27.12-28.12.2019	124.5	62.2	16.2	65.8			1.04					
15	30.12-31.12.2019	72.3	34.5	15.3	57.2			0.87					
16	02.01-03.01.2020	97.5	55.2	8.3	39.5			0.67					
<b>AVERAGE</b>		95.61	52.31	11.57	45.00	27.5	0.03	0.83	18.7	<4.2	<0.5	<1.0	14.15
<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:- 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	13.11-14.11.2019	117.4	55.9	9.2	38.7			0.94					
2	16.11-17.11.2019	93.7	58.6	8.7	28.5			0.78					
3	19.11-20.11.2019	148.1	75.2	10.3	35.2			0.60					
4	22.11-23.11.2019	82.3	42.5	8.8	41.6			0.87					
5	25.11-26.11.2019	125.3	72.6	9.7	43.5			0.78					
6	28.11-29.11.2019	89.8	47.7	11.8	54.2			0.92					
7	4.12-5.12.2019	60.7	33	6.9	34.6			0.67					
8	9.12-10.12.2019	55.9	27.6	8.6	33.6			0.84					
9	10.12-11.12.2019	86.7	46.5	9.5	42.3			0.67					
10	13.12-14.12.2019	99.3	56.6	11.2	51.2			0.58					
11	16.12-17.12.2019	97.8	54.4	9.3	31.4			0.49					
12	19.12-20.12.2019	69.9	27.4	7.5	26.6			0.72					
13	26.12-26.12.2019	120.5	67.5	11.2	47.6			0.94					
14	28.12-29.12.2019	145.2	70.5	9.7	39.5			0.54					
15	31.12-01.01.2020	78.7	43.2	8.3	37.5			0.46					
16	3.01-04.01.2020	63.6	31.5	9.2	43.6	26.7	0.01	0.97	16.5	<4.2	<0.5	<1.0	5.8
<b>AVERAGE</b>		95.93	50.67	9.37	39.35	26.7	0.01	0.74	16.5	<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