MTPS/UMPP/ENV/MoEF/5927   Date- 29/04/2023

To
The Director,
Western Regional Office,
Ministry of Environment & Forest,
Integrated Regional Office
Aranya Bhavan,Opp St. Xeviers School,
Near CH-3 circle, Sector 10 A,
Gandhinagar

Sub   : Submission of Half Yearly Compliance Report for 4150 MW Mundra Ultra Mega Thermal
             Power Project at village Tunda, near Mundra, district Kutch by M/s The Tata Power
             Company Limited, Mundra (Formerly Known as Coastal Gujarat Power Limited).

Ref.   : 1) Environment clearance granted to us vide letter dated 2nd March, 2007 bearing No. J-
             13011/41/2006-IA.II (T) and
             2) Corrigendum dated 5th April, 2007 bearing no. J-13011/41/2006-IA.II (T).
             3) Corrigendum dated 26th April, 2011 bearing no. J-13011/41/2006-IA.II (T).

Dear Sir,

Please find enclosed herewith half yearly compliance report for the period October 2022 – March
2023   of the stipulated conditions in Environmental Clearance and its subsequent corrigendum for
M/s The Tata Power Company Limited, Mundra (Formerly Known as Coastal Gujarat Power Limited).

Thank you,
Yours Faithfully,
For **The Tata Power Company Limited**

K.R.Bairwa
Chief-O&M Services

Copy to:

1.   The Director, Ministry of Environment & Forest, Indira Paryavaran Bhawan, Jor Baugh Road ,
      Aliganj, New Delhi-110003

2.   The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-office complex,
      East Arjun Nagar, Delhi-110032

3.   The Chairman, Gujarat Pollution Control Board, Parvayaran Bhawan, Sector 10A,
      Gandhinagar-382010(Gujarat.)

4.   The Zonal Officer ,Central Pollution Control Board, Parivesh Bhavan,Opp VMC Ward Office
      10,Vadodra-390023(Gujarat)

TATA POWER
The Tata Power Company Limited
Mundra Thermal Power Station - Ultra Mega Power Plant, formerly a Unit of Coastal Gujarat Power Limited,
Plant Address: Tunda Vandh Road, Tunda Village, Mundra, Kutch - 370435, Telephone: 91 2838 661213
Regd. Office: Bombay House, 24, Homi Mody Street, Mumbai-400 001 (Maharashtra)
Website: www.tatapower.com; Email: tatapower@tatapower.com; CIN: L28920MH1919PLC000567

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THE TATA POWER COMPANY LIMITED, MUNDRA

	Conditions	Compliance Status
V	Following is as amended in corrigendum dated 5th April 2007 For the activities in CRZ area, necessary clearance under CRZ Notification as may be applicable shall be obtained prior to start the work on **such** activities.	Clearance under CRZ notification Obtained vide letter no. F.No.11-11/2007-IA-III dated 25th April 2007 and amended on 9th March 2010 from MoEF prior to the start the work on **such** activities.
vi	A dredging plan showing the quantity of dredge material likely to be generated by capital dredging and maintenance dredging and the mode of disposal of the dredge material shall be submitted to MoEF at least 6 months prior to the commencement of the dredging operations and the project proponent shall abide by such directions as may be given by the ministry on its environmental aspects.	Dredging plan and Maintenance dredging plan has been submitted vide letter No. CGPL/ UMPP/SHE /MoEF/1308 dated July 30, 2010 and letter No. CGPL/UMPP/ENV /MoEF/3318 dated December 24, 2012 respectively.
vii	No Land filling of the site shall be carried out.	Noted & complied.
viii	The total land requirement shall not exceed 1242 Ha for all the activities/ facilities of the power project put together.	Noted & complied.
ix	In corrigendum dated 26/04/2011 at point 2(b) The land requirement, which has been added from that proposed, originally, shall be reconciled at the stage of issue of notification for land acquisition under section 6. Land requirement shall be optimized, and reduced land earlier meant for MGR system shall be converted into Green Belt.	Noted & Complied
x	Imported coal consumption shall not exceed 12 million tonnes per annum and ash and Sulphur content in the coal to be used in the project shall not exceed 10% and 1% respectively	The limit for consumption of imported coal has not increased more than 12 million tonnes, CGPL is using coal having ash content less than 10% and sulphur content less than 1%.
xi	In corrigendum dated 26/04/2011 at point 2(c) following is replaced "One tri-flue and one bi-flue stacks of 275 m height each shall be provided with Continuous online monitoring equipment's. Exit velocity of 25 m/sec shall be maintained".	One tri flue and one bi flue stack has been provided Continuous online monitoring equipment has been installed Exit velocity 25 m/s is being maintained.
xii	High efficiency ESP with efficiency not less than 99.9% shall be installed to ensure that particulate emission does not exceed 100 mg/Nm3.	High Efficiency ESP provided to comply with the condition. Currently the emissions are well below 50 mg/Nm3
xiii	Low NOx burners shall be provided.	Low NOx burners with emission rating 365ppm have been installed
xiv	Adequate dust extraction and dust suppression system such as bag filters and water spray system in dusty areas such as coal and ash handling areas, transfer areas and other vulnerable areas shall be provided.	• State of the art dry fog system has been provided at all coal transfer points • Bag filters have been provided on the top of fly ash silo. • Water spraying arrangement has been provided on coal conveyer belt. 40nos. water sprinklers have been installed in the coal storage area.

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THE TATA POWER COMPANY LIMITED, MUNDRA

Status of Conditions stipulated in Environment Clearance for CGPL, Mundra

Ref.:
1. Environment Clearance vides Letter no. J-13011/41/2006 – IA. II (T) dated 02/03/2007
2. Corrigendum dated 05/04/2007
3. Corrigendum dated 26/04/2011

	Conditions	Compliance Status
Para 1	In corrigendum dated 26/04/2011 at point 2(a) The capacity has been changed form 4000 MW to 4150MW	Present capacity is 4150 MW
Para 2	In corrigendum dated 26/04/2011 at point 2(b) The total land requirement including land required for MGR system and intake and outfall channels is 1242 Ha which includes 130 Ha of forest land 'the word MGR system" and shall now be deleted.	Complied. CGPL has 1242 Ha land out of which 130 Ha is forest land. MGR system is not applicable to CGPL.
Para 3	Conditions	Compliance
I	Comprehensive EIA study shall be carried out based on full one-year data and submitted to MoEF within 15 months. Based on the same, air quality modeling shall be carried out. In case the modeling results show ground level SO2 concentration exceeding 80µg/m3 at any location in the impact zone or the sulphur content in coal is to ever exceed 1%, FGD shall be installed.	Comprehensive EIA study done based on one full year data and report submitted to MoEF, Delhi on 6th September 2007. SO2 concentration is well within 80µg/m3 The installation of FGD in CGPL is being initiated, as per the directive of MoEF&CC dated 05/09/2022 for all the 5 units shall be completed by Dec,2026 (as CGPL is Coming under Category 'C') The weighted average of Sulphur content in coal is 0.6%.
ii	Space provision shall be made for flue gas de-sulphurisation (FGD) unit, if required at a later stage.	Space for FGD has been provided in the plant layout and accordingly work is being initiated.
iii	Physical modeling shall be carried out through one of the expert organization/ institutions like CWPRS with the following objectives a) The activity does not affect the flow regime. b) To determine the intake and outfall location. c) To determine the mode (i.e. open channel or closed channel) for drawl of water. d) Hydraulic and thermal regime is not effected e) Sensitive areas such as mangroves, corals and aquatic flora and fauna are not affected.	Marine EIA Study for the same considering all the said objectives has been done by National Institute of Oceanography (NIO), Mumbai in February 2009. Based on the study open Intake and outfall channel for once through cooling was finalized and has been implemented. Hydraulic design and modeling study have been done through HR Willing ford in 2009, for intake and outfall channel.
iv	Following is as amended in corrigendum dated 5th April 2007 Based on above said modeling study, locations of intake and outfall point and the mode of drawl of water shall be finalized prior to start of the work on the intake and outfall channels.	Location of the outfall point and mode of drawl of water was finalized based on the study done by NIO in 2011, prior to the start of the work on the intake and outfall channels

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THE TATA POWER COMPANY LIMITED, MUNDRA

	Conditions	Compliance Status
xv	Fly Ash shall be collected in dry form and shall be used in a phased manner as per provision of the notification on Fly Ash Utilization issued by the Ministry in September 1999 and its amendment. By the end of 9th year full fly ash utilization should be ensured. Unutilized ash shall be disposed off in the ash pond in the form of High Concentration Slurry.	Noted. Ash is utilized as per the act & guidelines.
xvi	Ash Pond shall be lined with impervious lining.	Ash pond is provided with HDPE lining.
xvii	Rainwater harvesting shall be practiced. A detailed scheme for the rainwater harvesting to recharge the ground water aquifer shall be prepared in consultation with Central ground water Authorities/ State Ground Water board and a copy of the same shall be submitted within three months to the ministry.	Rainwater harvesting Scheme is being implemented as per approved rainwater harvesting plan obtained from CGWA vide letter No. TS 8(9)/WCR/ CGWB /MoEF-CGPL/1744 dated 25/10/2012 and submitted to MoEF vide letter No. CGPL/UMPP/ENV/ MoEF/3495 dated 20/4/2013. 5nos of Rainwater harvesting pond has been constructed to recharge the ground water aquifer.
xviii	Following is as amended in corrigendum dated 5th April 2007 Suitable system shall be provided to reduce water temperature at the final discharge point so that the resultant rise in the temperature of receiving water does not exceed 7°C over and above the ambient temperature of the receiving water body.	Being complied.
xix	Regular monitoring of ground water in and around the ash pond area shall be carried out, records maintained, and periodic reports shall be furnished to the Regional office of this ministry.	Regular monitoring of Ground water in and around ash pond is being carried out and periodic reports are submitted to regional office of the Ministry whenever asked.
xx	100 m wide green belt shall be developed all around the plant, ash pond and township site covering one third (1/3rd) of the total project area under green belt development.	Green belt development on 453.04 Ha has been completed which covers more than the stipulated one third of the project area under green belt.
xxi	Conservation and development of mangroves species found in this area shall be taken up with a conservation plan duly approved by State Forest Department.	The project area is devoid of mangroves. However, mangroves have been developed on 1000 Ha land in village Kantiyajal, Bharuch, Gujarat in consultation with Gujarat Ecology Commission. Mangroves have also been developed in village Modhva on 10 Ha land in association with IUCN (under MFF project) and GUIDE (Gujarat Institute of Desert ecology), Bhuj.
xxii	Infrastructure facilities including first aid and sanitation arrangement shall be made for the drivers and other contract workers during construction phase.	Complied Infrastructure facilities such as first aid centers, toilets, and STPs had been provided.

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	Conditions	Compliance Status
xxiii	Leq of Noise level should be limited to 75 dB (A) and regular maintenance of equipment be undertaken. For people working in the high noise areas, personal protective devices should be provided.	The equipment's are in place, limiting the noise 75 dB (A). Equipment are being maintained. Noise Monitoring is being carried out on regular basis. The report of the same has been enclosed as **Annexure 1.** PPEs are provided for people working in high noise areas.
xxiv	In corrigendum dated 26/04/2011 at point 2(d) following text is placed. The proposed generation capacity of the project could be increased only by way of adoption of waste heat recovery and entailing no additional coal and water consumption. The generation capacity thus obtained taking waste heat recovery into account shall however not exceed 4150 MW and configuration of units may be accordingly adopted at 5x830 MW.	Noted. The generation capacity has been enhanced without additional coal and water consumption.
xxv	Regular monitoring of ambient air quality shall be carried out in and around the power plant and records maintained. The location of monitoring stations and frequency shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional Office of this ministry.	Ambient Air Quality in and around plant is being monitored and records are maintained. Monitoring report of ambient air quality is enclosed as **Annexure-2.** Locations of ambient Air Quality Monitoring have been decided in consultation with GPCB.
xxvi	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/ Committee and may also be seen at website of the MoEF at envfor.nic.in	Published in "Kutch Mitra and The Times of India" dated 08/06/2007. Copy of the same was submitted to MoEF vide our letter No. AK/MOE/2309/2008/66 dated September 23, 2008.
xxvii	A separate environment monitoring cell with suitable staff should be set up for implementation of the stipulated environmental safeguards.	CGPL has established Environment Management Cell with qualified personnel to implement the Environmental Management Plan with allocation of Budget for carrying out environmental safeguard activities
xxviii	Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to the ministry, its regional office, CPCB and SPCB.	Half yearly compliance report is being submitted to Ministry, Regional Office, CPCB and GPCB on regular basis.
xxix	Regional office of the MoEF located at Bhopal will monitor the implementation of the stipulated condition. A complete set of EIA Report and EMP along with the additional information submitted to MoEF from time to time shall be forwarded to the Regional Office for their use during monitoring.	Noted.
xxx	Separate funds shall be allocated for implementation of environmental protection measures along with item wise breakup. This cost shall be included as part of the project cost.	Separate funds have been allocated for the implementation of environmental protection measures.

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	Conditions	Compliance Status
	The funds earmarked for the environment protection measures shall not be diverted for other purpose and year wise expenditure should be reported to this Ministry and its regional office.	
xxxi	The project authorities shall inform the Regional office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and dates of start of land development work and commissioning of plant.	Complied, Financial Closures and final approve of the project had already been informed.
xxxii	Full cooperation shall be extended to the scientist/ officers from the ministry/ Regional office of the ministry at Bhopal/ the CPCB/ the SPCB who would be monitoring the compliance of environmental status.	Noted.
In corrigendum dated 26/04/2011 at point 3 following additional conditions are added		
xxxiii	Coal transportation from MPSEZ Port to plant site at Mundra shall be by closed conveyor belt system traversing a distance of about 9.10 Km	Noted and Complied. Moreover, additionally CGPL has also installed pipe conveyor belt for a stretch of about 1.3km.
xxxvi	The project proponent shall upload the status of compliance of the conditions stipulated in the environmental clearance issued vide this Ministry's letter of even no. dated 02.03.2007 and its amendment dated 05.04.2007, in its website and updated periodically and also simultaneously send the same by e-mail to the Regional Office of the Ministry of Environment and Forests.	Compliance status of the conditions stipulated by MoEF is being regularly sent to MoEF and its Regional office. Last report submitted on 25th May 2020.
xxxv	Criteria pollutants levels including NOx, RSPM (PM_{10} & $PM_{2.5}$), SOx (from stack & ambient air) shall be regularly monitored and results displayed in your website and also at the main gate of the power plant.	Criteria pollutant levels including NOx, RSPM (PM_{10} & $PM_{2.5}$), SOx (from Stack and Ambient air) are monitored regularly, results are being displayed at Plant main gate and company website www.tatapower.com.
xxxvi	An amount of Rs 72.0 Crores shall be earmarked as one time capital cost for CSR programme. Subsequently a recurring expenditure of Rs 14.40 Crores per annum shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be submitted within one month along with road map for implementation.	Compliance status of the conditions stipulated by MoEF is being regularly sent to MoEF and its Regional office. Last report submitted on 26th May 2021. It is also uploaded on https://www.tatapower.com/businesses/cgpl-mundra/csr.aspx
xxxvii	It shall be ensured that an in-built monitoring mechanism for the schemes identified under CSR activities are in place and annual social audit shall be got done from the nearest government institute of repute in the region. The project proponent shall also submit the status of implementation of the scheme from time to time.	An In-built monitoring mechanism for the schemes identified under CSR activities are in place and Mahatma Gandhi Labor Institute (MGLI), Government of Gujarat is conducting annual social audit for CGPL

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Annexure 1

Ambient Noise Monitoring

Month- October			
Location	Date	Leq. Day	Leq. Night
Unit		dB(A)	dB(A)
Main Gate	1/10/2022	56.3	53.2
Intake Channel	2/10/2022	65.8	61.2
CGPL Hostel	3/10/2022	55.2	51
Near STP	4/10/2022	66.5	64.1
Month - November			
Location	Date	Leq. Day	Leq. Night
Unit		dB(A)	dB(A)
Main Gate	1/11/2022	55.4	52.8
Intake Channel	3/11/2022	64.4	60.1
CGPL Hostel	4/11/2022	54.1	502
Near STP	5/11/2022	65.3	62.3
Month - December			
Location	Date	Leq. Day	Leq. Night
Unit		dB(A)	dB(A)
Main Gate	1/12/2022	55.2	52.4
Intake Channel	2/12/2022	64.1	61.2
CGPL Hostel	3/12/2022	63.2	51
Near STP	4/12/2022	64.3	61.2

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Month- January			
Location	Date	Leq Day	Leq Night
Unit		dB(A)	dB(A)
Main Gate	1/1/2023	55.9	52.2
Intake Channel	2/1/2023	64.7	61.3
CGPL Hostel	3/1/2023	55.3	51.1
Near STP	5/1/2023	66.8	64.2
Month - February			
Location	Date	Leq Day	Leq Night
Unit		dB(A)	dB(A)
Main Gate	2/2/2023	54.9	52.3
Intake Channel	3/2/2023	65.3	62.4
CGPL Hostel	4/2/2023	56.4	52.4
Near STP	5/2/2023	67.8	65.4
Month - March			
Location	Date	Leq Day	Leq Night
Unit		dB(A)	dB(A)
Main Gate	2/3/2023	54.7	52.1
Intake Channel	3/3/2023	65	60.2
CGPL Hostel	4/3/2023	55.6	51.3
Near STP	5/3/2023	66.5	60.2

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Ambient Air Quality Monitoring

					1.Main Gate							
Date of Sampling	PM$_{10}$ µg/m^3	PM$_{2.5}$ µg/m^3	NO$_x$ µg/m^3	SO$_2$ µg/m^3	O$_3$ µg/m^3	NH$_3$ µg/m^3	CO µg/m^3	C$_6$H$_6$ µg/m^3	BaP ng/m^3	Pb µg/m^3	As ng/m^3	Ni ng/m^3
9/20/2022	53.8	23.8	9.6	9.2	2.2	3.5	BDL	BDL	BDL	BDL	BDL	BDL
9/22/2022	70.3	30.4	16.1	12.1	3	4	BDL	BDL	BDL	BDL	BDL	BDL
9/24/2022	59.5	26.7	10.4	8.1	1.8	3.9	BDL	BDL	BDL	BDL	BDL	BDL
9/26/2022	65.5	25.7	15.3	11.1	2.2	4.4	BDL	BDL	BDL	BDL	BDL	BDL
9/28/2022	79	28.2	9	7.4	2.1	4.3	BDL	BDL	BDL	BDL	BDL	BDL
9/30/2022	72.2	33.6	11	6.3	1.8	4.9	BDL	BDL	BDL	BDL	BDL	BDL
10/2/2022	58.5	18.3	10.5	7.2	2.3	3.5	BDL	BDL	BDL	BDL	BDL	BDL
10/4/2022	49.6	17.6	8.4	7.6	2.1	3.8	BDL	BDL	BDL	BDL	BDL	BDL
10/6/2022	62.4	26.9	10.2	8.6	2.2	4.4	BDL	BDL	BDL	BDL	BDL	BDL
10/8/2022	73.4	22.9	9.2	6.7	1.9	3.6	BDL	BDL	BDL	BDL	BDL	BDL
10/10/2022	62.9	29.1	9.9	7.4	2	4.9	BDL	BDL	BDL	BDL	BDL	BDL
10/12/2022	51.1	30.1	9.4	7.9	1.7	3.2	BDL	BDL	BDL	BDL	BDL	BDL
10/14/2022	64.4	26.8	8.9	8.7	1.9	3.9	BDL	BDL	BDL	BDL	BDL	BDL
10/16/2022	72	28.8	9.2	8.3	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL
10/18/2022	56.7	24.9	12.2	7.7	2.1	4.4	BDL	BDL	BDL	BDL	BDL	BDL
10/20/2022	56.9	25.2	10.1	9.8	2.4	3.7	BDL	BDL	BDL	BDL	BDL	BDL
10/22/2022	68.9	29.4	11.7	11.1	2.3	4.3	BDL	BDL	BDL	BDL	BDL	BDL
10/24/2022	63.2	28.3	11.1	8.6	1.9	4.2	BDL	BDL	BDL	BDL	BDL	BDL
10/26/2022	51	22.5	10.2	7.4	1.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL
10/28/2022	78.3	30.6	15.3	9.2	2.1	4.7	BDL	BDL	BDL	BDL	BDL	BDL
10/30/2022	88.9	35.1	11.4	6.6	1.9	5.1	BDL	BDL	BDL	BDL	BDL	BDL
11/1/2022	81.1	21.9	10.4	9.6	1.4	3.4	BDL	BDL	BDL	BDL	BDL	BDL
11/3/2022	51.6	18.3	8.7	7.9	2.2	3.9	BDL	BDL	BDL	BDL	BDL	BDL
11/5/2022	57.8	24.8	10.8	7.9	1.5	3.5	BDL	BDL	BDL	BDL	BDL	BDL
11/7/2022	77	26.7	9.6	7.1	2.3	3.8	BDL	BDL	BDL	BDL	BDL	BDL
11/9/2022	75.7	30.1	8.9	7.6	1.6	4.4	BDL	BDL	BDL	BDL	BDL	BDL
11/11/2022	39.2	17	12.2	7.2	2.3	3.7	BDL	BDL	BDL	BDL	BDL	BDL
11/13/2022	64.6	28.9	8.9	8.2	2.6	3.5	BDL	BDL	BDL	BDL	BDL	BDL
11/15/2022	55.1	17.7	10.1	9	2.1	3.7	BDL	BDL	BDL	BDL	BDL	BDL
11/17/2022	56.8	25	12.3	5.8	2.4	3.9	BDL	BDL	BDL	BDL	BDL	BDL
11/19/2022	57.3	23.3	11.9	7.5	2	4.3	BDL	BDL	BDL	BDL	BDL	BDL
11/21/2022	73.5	33.1	10.1	9.7	2.3	3.7	BDL	BDL	BDL	BDL	BDL	BDL
11/23/2022	66.2	29.8	10.6	10.1	2.1	3.9	BDL	BDL	BDL	BDL	BDL	BDL
11/25/2022	59.2	26.6	10.2	10.5	2.6	4.4	BDL	BDL	BDL	BDL	BDL	BDL
11/27/2022	66.9	30.1	9.9	7.3	1.8	4	BDL	BDL	BDL	BDL	BDL	BDL
11/29/2022	75.2	33.8	15.3	9.2	2.1	4.7	BDL	BDL	BDL	BDL	BDL	BDL
12/1/2022	82.4	37.1	11.4	6.6	1.9	5	BDL	BDL	BDL	BDL	BDL	BDL
12/3/2022	75.7	34.1	10.3	9.6	1.4	3.4	BDL	BDL	BDL	BDL	BDL	BDL

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12/5/2022	56.8	25.6	8.6	7.8	2.2	3.9	BDL	BDL	BDL	BDL	BDL	BDL
12/7/2022	63.2	28.4	9.9	8.2	1.4	3.2	BDL	BDL	BDL	BDL	BDL	BDL
12/9/2022	76.3	34.3	10.6	8.7	2.9	4.6	BDL	BDL	BDL	BDL	BDL	BDL
12/11/2022	69.8	31.4	8.6	7.3	1.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL
12/13/2022	63.4	28.5	12.9	7.6	2.5	3.9	BDL	BDL	BDL	BDL	BDL	BDL
12/15/2022	74.2	33.4	8.9	8.2	2.6	3.5	BDL	BDL	BDL	BDL	BDL	BDL
12/17/2022	79.2	35.6	9.3	8.3	1.9	3.3	BDL	BDL	BDL	BDL	BDL	BDL
12/19/2022	86.3	38.8	12.2	7.2	2.4	3.9	BDL	BDL	BDL	BDL	BDL	BDL
12/20/2022	77.9	35.1	10	9.6	2.3	3.7	BDL	BDL	BDL	BDL	BDL	BDL
12/22/2022	86.5	38.9	16.8	12.6	2.4	4.1	BDL	BDL	BDL	BDL	BDL	BDL
12/24/2022	78.6	35.4	11.5	9	2	4.3	BDL	BDL	BDL	BDL	BDL	BDL
12/26/2022	88.9	40	16.1	11.7	2.3	4.6	BDL	BDL	BDL	BDL	BDL	BDL
12/28/2022	92.7	41.7	9	8.5	2.5	3.5	BDL	BDL	BDL	BDL	BDL	BDL
12/30/2022	72.9	32.8	11.6	6.7	1.9	5.2	BDL	BDL	BDL	BDL	BDL	BDL
1/1/2023	60.8	27.4	11.1	7.6	2.1	3.6	BDL	BDL	BDL	BDL	BDL	BDL
1/3/2023	69.2	31.1	9.3	8.4	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL
1/5/2023	74.1	33.3	11.2	9.5	2.4	4.9	BDL	BDL	BDL	BDL	BDL	BDL
1/7/2023	86.5	38.9	9	6.6	2.2	3.5	BDL	BDL	BDL	BDL	BDL	BDL
1/9/2023	89.4	40.2	10.3	7.7	2.4	5.1	BDL	BDL	BDL	BDL	BDL	BDL
1/11/2023	93.7	42.2	10.7	6.4	2.1	3.2	BDL	BDL	BDL	BDL	BDL	BDL
1/13/2023	76.5	34.4	8.9	8.2	2.6	3.5	BDL	BDL	BDL	BDL	BDL	BDL
1/15/2023	66.8	30.1	7.5	9.2	2.8	3.6	BDL	BDL	BDL	BDL	BDL	BDL
1/17/2023	73.9	33.3	13.4	7.9	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL
1/19/2023	79.2	35.6	9.7	9.1	1.9	3.3	BDL	BDL	BDL	BDL	BDL	BDL
1/21/2023	75.6	25.7	15.8	9.6	2	3.6	BDL	BDL	BDL	BDL	BDL	BDL
1/23/2023	82.5	28.1	14.5	9	2.2	4.8	BDL	BDL	BDL	BDL	BDL	BDL
1/25/2023	72.9	24.8	17.3	9.5	2.9	4.6	BDL	BDL	BDL	BDL	BDL	BDL
1/27/2023	59	20.1	16.2	12.6	2.6	4.1	BDL	BDL	BDL	BDL	BDL	BDL
1/29/2023	84.3	28.7	15.5	12.8	2.7	4.9	BDL	BDL	BDL	BDL	BDL	BDL
1/31/2023	78.9	26.8	17.9	10.3	2.1	4.4	BDL	BDL	BDL	BDL	BDL	BDL
2/2/2023	73.2	24.9	17.7	12.1	2.4	3.8	BDL	BDL	BDL	BDL	BDL	BDL
2/4/2023	81.3	27.8	14.1	12.8	2	3.6	BDL	BDL	BDL	BDL	BDL	BDL
2/6/2023	73.5	25.1	18.9	11.6	2.3	5.2	BDL	BDL	BDL	BDL	BDL	BDL
2/8/2023	88.7	30.1	16.7	12.2	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL
2/10/2023	67.4	22.8	15.1	12.9	2.1	4	BDL	BDL	BDL	BDL	BDL	BDL
2/12/2023	89.4	30.4	17.6	10.5	2.3	3.7	BDL	BDL	BDL	BDL	BDL	BDL
2/14/2023	79.3	26.7	15.2	11.6	2.2	4.8	BDL	BDL	BDL	BDL	BDL	BDL
2/16/2023	68.2	24.1	13	10.9	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL
2/18/2023	69.3	23.4	17.2	11.8	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
2/20/2023	87.9	25.7	16	9.7	2	4.5	BDL	BDL	BDL	BDL	BDL	BDL
2/22/2023	89.6	26.1	16.8	8.7	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
2/24/2023	83.8	28.2	19.2	11.8	2.4	5.1	BDL	BDL	BDL	BDL	BDL	BDL
2/26/2023	67.7	21.5	18.5	10.9	2.7	4.7	BDL	BDL	BDL	BDL	BDL	BDL
2/28/2023	57	28.7	12.4	12.5	2.4	5.2	BDL	BDL	BDL	BDL	BDL	BDL

3

3/2/2023	79.8	27	18.1	10.4	2.1	4.5	BDL	BDL	BDL	BDL	BDL	BDL
3/4/2023	74.7	28.4	17.4	11.1	2.8	4.9	BDL	BDL	BDL	BDL	BDL	BDL
3/6/2023	70.1	29.5	15.2	12	2.2	4.7	BDL	BDL	BDL	BDL	BDL	BDL
3/8/2023	85.4	24	17.5	9.4	3	4.5	BDL	BDL	BDL	BDL	BDL	BDL
3/10/2023	70.8	28.3	18.9	12.9	2.8	5.3	BDL	BDL	BDL	BDL	BDL	BDL
3/12/2023	62	22.5	13.9	11.8	2	4.5	BDL	BDL	BDL	BDL	BDL	BDL
3/14/2023	73.5	24.8	12.4	12	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
3/16/2023	82	28.1	15.7	11.1	2.2	5	BDL	BDL	BDL	BDL	BDL	BDL
3/18/2023	70.5	23.7	15	10.2	2.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL

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	2.Labour Colony											
Date of Sampling	PM$_{10}$ µg/m^3	PM$_{2.5}$ µg/m^3	NO$_x$ µg/m^3	SO$_2$ µg/m^3	O$_3$ µg/m^3	NH$_3$ µg/m^3	CO µg/m^3	C$_6$H$_6$ µg/m^3	BaP ng/m^3	Pb µg/m^3	As ng/m^3	Ni ng/m^3
9/20/2022	76	31.1	9.1	8.6	2.1	4.1	BDL	BDL	BDL	BDL	BDL	BDL
9/22/2022	71	29.1	12.2	12.1	3.1	4.6	BDL	BDL	BDL	BDL	BDL	BDL
9/24/2022	60.4	27	9.8	8.4	1.7	3.7	BDL	BDL	BDL	BDL	BDL	BDL
9/26/2022	67.6	25.1	8.7	8.3	2.1	4.4	BDL	BDL	BDL	BDL	BDL	BDL
9/28/2022	72.8	29.2	9.9	6.5	1.5	3.3	BDL	BDL	BDL	BDL	BDL	BDL
9/30/2022	78.9	33.7	10.9	7.7	1.9	4.3	BDL	BDL	BDL	BDL	BDL	BDL
10/2/2022	46.4	20.2	13	6.8	2.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL
10/4/2022	53.2	22.4	10.2	7.2	2.4	4	BDL	BDL	BDL	BDL	BDL	BDL
10/6/2022	67	27.6	10.6	5.8	3	3.6	BDL	BDL	BDL	BDL	BDL	BDL
10/8/2022	76.4	30.7	8.2	7.7	1.5	3.7	BDL	BDL	BDL	BDL	BDL	BDL
10/10/2022	70.9	26.9	9.5	6.7	1.8	4.2	BDL	BDL	BDL	BDL	BDL	BDL
10/12/2022	63.8	19.2	8.5	6.2	2.3	3.9	BDL	BDL	BDL	BDL	BDL	BDL
10/14/2022	58.1	18.3	10.5	8.6	1.9	3.8	BDL	BDL	BDL	BDL	BDL	BDL
10/16/2022	67.5	20.8	11	9.2	2.7	3.7	BDL	BDL	BDL	BDL	BDL	BDL
10/18/2022	71.2	25.1	8.1	7.7	2.4	3.6	BDL	BDL	BDL	BDL	BDL	BDL
10/20/2022	80.9	32.8	9.2	8.7	2.2	4.2	BDL	BDL	BDL	BDL	BDL	BDL
10/22/2022	69.8	28.7	11.5	9.7	1.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL
10/24/2022	61.5	25.1	10	8.6	2.1	3.8	BDL	BDL	BDL	BDL	BDL	BDL
10/26/2022	59.1	26.3	14.1	10.5	2.5	4.4	BDL	BDL	BDL	BDL	BDL	BDL
10/28/2022	80.8	36.3	12.4	11.2	2.7	4.8	BDL	BDL	BDL	BDL	BDL	BDL
10/30/2022	87	38.8	12.6	8.9	2.2	4.9	BDL	BDL	BDL	BDL	BDL	BDL
11/1/2022	61.5	23.9	8.8	8.5	1.9	5	BDL	BDL	BDL	BDL	BDL	BDL
11/3/2022	55.7	20.5	10.7	7.6	2.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL
11/5/2022	84.3	30.3	11.9	8.4	2.7	5	BDL	BDL	BDL	BDL	BDL	BDL
11/7/2022	79.2	31.8	8.5	8	1.6	3.8	BDL	BDL	BDL	BDL	BDL	BDL
11/9/2022	61.9	21	12.3	8.2	1.3	3.6	BDL	BDL	BDL	BDL	BDL	BDL
11/11/2022	71.4	28.3	9.3	9.1	2.8	3.9	BDL	BDL	BDL	BDL	BDL	BDL
11/13/2022	64.1	23.1	10.4	7.6	2.3	3.7	BDL	BDL	BDL	BDL	BDL	BDL
11/15/2022	63.3	27.9	9.3	9.1	1.9	3.6	BDL	BDL	BDL	BDL	BDL	BDL
11/17/2022	77.8	34.6	8.9	8.4	2.6	3.9	BDL	BDL	BDL	BDL	BDL	BDL
11/19/2022	82.6	34.4	8.6	8.1	2.5	3.8	BDL	BDL	BDL	BDL	BDL	BDL
11/21/2022	78.6	35.4	9.1	8.6	2.2	4.2	BDL	BDL	BDL	BDL	BDL	BDL
11/23/2022	58.4	26.3	11	9.2	1.4	3.9	BDL	BDL	BDL	BDL	BDL	BDL
11/25/2022	74.5	33.5	12.1	11.3	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL
11/27/2022	55.8	25.1	13	9.7	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL
11/29/2022	79.7	35.9	11.3	10.2	2.5	4.4	BDL	BDL	BDL	BDL	BDL	BDL
12/1/2022	81.3	36.6	10.9	7.7	1.9	4.2	BDL	BDL	BDL	BDL	BDL	BDL
12/3/2022	64.8	29.2	8.5	8.2	1.8	4.9	BDL	BDL	BDL	BDL	BDL	BDL
12/5/2022	66.2	29.8	10.4	7.4	2.5	4	BDL	BDL	BDL	BDL	BDL	BDL
12/7/2022	86.9	39.1	11.4	8.1	2.6	4.8	BDL	BDL	BDL	BDL	BDL	BDL
12/9/2022	72.9	32.8	9.4	8.9	2.7	4	BDL	BDL	BDL	BDL	BDL	BDL

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12/11/2022	69.5	31.3	12.2	8.2	1.2	3.6	BDL	BDL	BDL	BDL	BDL	BDL
12/13/2022	73.4	33	8.9	8.7	2.6	3.7	BDL	BDL	BDL	BDL	BDL	BDL
12/15/2022	69.5	31.3	10.6	7.7	2.3	3.8	BDL	BDL	BDL	BDL	BDL	BDL
12/17/2022	77.2	34.7	8.8	8.7	1.8	3.4	BDL	BDL	BDL	BDL	BDL	BDL
12/19/2022	64.5	29	8.2	7.3	2.4	3.6	BDL	BDL	BDL	BDL	BDL	BDL
12/20/2022	55.6	25	9.2	8.7	2.2	4.2	BDL	BDL	BDL	BDL	BDL	BDL
12/22/2022	63.8	28.7	11.6	11.5	3	4.3	BDL	BDL	BDL	BDL	BDL	BDL
12/24/2022	79.5	35.8	10.4	9	2.2	4	BDL	BDL	BDL	BDL	BDL	BDL
12/26/2022	71.5	32.2	9.4	9	2.3	4.8	BDL	BDL	BDL	BDL	BDL	BDL
12/28/2022	62.4	28.1	10.1	6.7	2	3.4	BDL	BDL	BDL	BDL	BDL	BDL
12/30/2022	65.3	29.4	12	8.5	2.1	4.7	BDL	BDL	BDL	BDL	BDL	BDL
1/1/2023	74.1	33.3	12.9	6.8	2.4	4.1	BDL	BDL	BDL	BDL	BDL	BDL
1/3/2023	51.6	23.2	10.2	7.2	2.8	4	BDL	BDL	BDL	BDL	BDL	BDL
1/5/2023	66.8	30.1	11.6	8.5	3.3	3.9	BDL	BDL	BDL	BDL	BDL	BDL
1/7/2023	73.7	33.2	8.7	9.2	1.6	3.7	BDL	BDL	BDL	BDL	BDL	BDL
1/9/2023	69.8	31.4	11.9	6.8	1.8	4.2	BDL	BDL	BDL	BDL	BDL	BDL
1/11/2023	76.3	34.3	10.2	7.7	1.9	3.3	BDL	BDL	BDL	BDL	BDL	BDL
1/13/2023	65.7	29.6	10.1	7.4	2.2	3.6	BDL	BDL	BDL	BDL	BDL	BDL
1/15/2023	79.5	35.8	10.6	8.9	2.6	3.5	BDL	BDL	BDL	BDL	BDL	BDL
1/17/2023	75.8	34.1	8.2	7.2	2.4	3.6	BDL	BDL	BDL	BDL	BDL	BDL
1/19/2023	59.3	26.7	10.7	10.1	2	3.8	BDL	BDL	BDL	BDL	BDL	BDL
1/21/2023	59.3	20.2	15.9	10.9	2.8	3.9	BDL	BDL	BDL	BDL	BDL	BDL
1/23/2023	69.5	23.6	18.4	9.5	2.4	4.5	BDL	BDL	BDL	BDL	BDL	BDL
1/25/2023	74.6	25.4	19	11.5	2.1	3.4	BDL	BDL	BDL	BDL	BDL	BDL
1/27/2023	83.5	28.4	17.3	8.5	2.2	5.3	BDL	BDL	BDL	BDL	BDL	BDL
1/29/2023	66.3	23.5	15.5	10.2	2.1	5.1	BDL	BDL	BDL	BDL	BDL	BDL
1/31/2023	69.4	24.5	18	12.8	2.3	4.8	BDL	BDL	BDL	BDL	BDL	BDL
2/2/2023	84.5	28.7	15.9	10.9	2	4	BDL	BDL	BDL	BDL	BDL	BDL
2/4/2023	59.6	21.5	17.1	12.1	2.3	4.8	BDL	BDL	BDL	BDL	BDL	BDL
2/6/2023	69.3	23.4	12	12.7	3.6	4.1	BDL	BDL	BDL	BDL	BDL	BDL
2/8/2023	88.8	30.2	14.4	10.2	2.6	4	BDL	BDL	BDL	BDL	BDL	BDL
2/10/2023	77.1	26.3	14.1	8.8	2.2	3.5	BDL	BDL	BDL	BDL	BDL	BDL
2/12/2023	89.3	30.7	17.6	11.5	2.9	3.4	BDL	BDL	BDL	BDL	BDL	BDL
2/14/2023	70.9	24.1	17.8	10.6	2.1	3.1	BDL	BDL	BDL	BDL	BDL	BDL
2/16/2023	72.2	24.5	18.9	11.7	2.4	3.7	BDL	BDL	BDL	BDL	BDL	BDL
2/18/2023	81.6	27.8	13.5	11.9	2	3.9	BDL	BDL	BDL	BDL	BDL	BDL
2/20/2023	56.5	18.9	15.2	10.4	2.6	4.7	BDL	BDL	BDL	BDL	BDL	BDL
2/22/2023	64.2	21.2	19.3	9.1	2.9	4.3	BDL	BDL	BDL	BDL	BDL	BDL
2/24/2023	68.4	23.1	17.5	9.4	2.2	4.9	BDL	BDL	BDL	BDL	BDL	BDL
2/26/2023	55.4	18.6	17.1	8.4	2.4	5.3	BDL	BDL	BDL	BDL	BDL	BDL
2/28/2023	40.6	21.2	16.9	11.1	2.3	5.4	BDL	BDL	BDL	BDL	BDL	BDL
3/2/2023	57.9	18.4	17.9	12.7	2.2	4.7	BDL	BDL	BDL	BDL	BDL	BDL
3/4/2023	65.7	22.5	14.2	8.9	2	4.6	BDL	BDL	BDL	BDL	BDL	BDL
3/6/2023	50.9	22.6	18.1	12.9	2.5	5.1	BDL	BDL	BDL	BDL	BDL	BDL

3/8/2023	68.9	22.7	15.7	11.2	2.4	4.1	BDL	BDL	BDL	BDL	BDL	BDL
3/10/2023	43.3	24.3	16.2	12.8	2.6	5.1	BDL	BDL	BDL	BDL	BDL	BDL
3/12/2023	44.8	18.4	14	11.1	2.1	4.1	BDL	BDL	BDL	BDL	BDL	BDL
3/14/2023	58.1	16	14.6	11.2	2.8	5.5	BDL	BDL	BDL	BDL	BDL	BDL
3/16/2023	61.5	21.9	18.9	12	2.4	4.8	BDL	BDL	BDL	BDL	BDL	BDL
3/18/2023	55.9	17.9	14.5	11.8	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL

| 3.Field Hostel | | | | | | | | | | | |
Date of Sampling	PM$_{10}$ µg/m^3	PM$_{2.5}$ µg/m^3	NO$_x$ µg/m^3	SO$_2$ µg/m^3	O$_3$ µg/m^3	NH$_3$ µg/m^3	CO µg/m^3	C$_6$H$_6$ µg/m^3	BaP ng/m^3	Pb µg/m^3	As ng/m^3	Ni ng/m^3
9/20/2022	79.6	33.6	10.5	8.2	2.2	4.3	BDL	BDL	BDL	BDL	BDL	BDL
9/22/2022	65.7	27.5	16.4	14.2	2.4	4.5	BDL	BDL	BDL	BDL	BDL	BDL
9/24/2022	53.1	21.5	9.2	7.5	1.3	4	BDL	BDL	BDL	BDL	BDL	BDL
9/26/2022	58.2	26.5	15	12.1	2.9	3.7	BDL	BDL	BDL	BDL	BDL	BDL
9/28/2022	60.7	25.8	10.1	6.7	1.9	4.4	BDL	BDL	BDL	BDL	BDL	BDL
9/30/2022	67	29.9	12.2	8.6	1.3	3.5	BDL	BDL	BDL	BDL	BDL	BDL
10/2/2022	72	30.7	10.6	9.2	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL
10/4/2022	52.1	21.2	8.9	8.6	1.4	3.4	BDL	BDL	BDL	BDL	BDL	BDL
10/6/2022	75.8	33.2	9.7	7.6	2.4	4.1	BDL	BDL	BDL	BDL	BDL	BDL
10/8/2022	59.4	26.6	9.8	7.7	1.7	3.5	BDL	BDL	BDL	BDL	BDL	BDL
10/10/2022	61.4	25.4	8.4	8.1	2.9	3.8	BDL	BDL	BDL	BDL	BDL	BDL
10/12/2022	79	35	9.1	7.2	1.7	4	BDL	BDL	BDL	BDL	BDL	BDL
10/14/2022	56.3	24.3	8.8	8.6	2	3.5	BDL	BDL	BDL	BDL	BDL	BDL
10/16/2022	68.3	29.4	10.5	10.1	2.3	3.6	BDL	BDL	BDL	BDL	BDL	BDL
10/18/2022	77.9	32.5	11.8	7.7	1.8	3.9	BDL	BDL	BDL	BDL	BDL	BDL
10/20/2022	87.4	36.9	11.6	9	2.4	4.8	BDL	BDL	BDL	BDL	BDL	BDL
10/22/2022	72.9	31.4	11.4	7.8	1.8	5	BDL	BDL	BDL	BDL	BDL	BDL
10/24/2022	56.8	18.8	9.2	6.5	1.4	3.5	BDL	BDL	BDL	BDL	BDL	BDL
10/26/2022	75.8	29.9	12.5	9.1	1.3	3.3	BDL	BDL	BDL	BDL	BDL	BDL
10/28/2022	69.8	26.1	15	14.1	2.2	4.2	BDL	BDL	BDL	BDL	BDL	BDL
10/30/2022	79.9	35.7	12.9	10.3	1.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
11/1/2022	59.6	26.3	10.5	7.4	1.8	3.9	BDL	BDL	BDL	BDL	BDL	BDL
11/3/2022	62.6	25.1	8.9	7.6	1.4	2.8	BDL	BDL	BDL	BDL	BDL	BDL
11/5/2022	73.6	25.3	11.9	7.9	1.8	3.4	BDL	BDL	BDL	BDL	BDL	BDL
11/7/2022	66	29.5	10.9	8.5	1.9	3.9	BDL	BDL	BDL	BDL	BDL	BDL
11/9/2022	87	32.7	8.1	6.2	2.1	3.6	BDL	BDL	BDL	BDL	BDL	BDL
11/11/2022	63.6	22.1	11.3	12.7	1.9	3.2	BDL	BDL	BDL	BDL	BDL	BDL
11/13/2022	55.7	29.1	8.7	8.5	1.7	3.4	BDL	BDL	BDL	BDL	BDL	BDL
11/15/2022	59.6	26	10.5	9	2.1	3.7	BDL	BDL	BDL	BDL	BDL	BDL
11/17/2022	81	33.8	10.9	8	1.9	4.1	BDL	BDL	BDL	BDL	BDL	BDL
11/19/2022	59.7	26.2	11.1	8.1	1.6	3.6	BDL	BDL	BDL	BDL	BDL	BDL
11/21/2022	71.4	32.1	10.6	8.2	2.2	4.4	BDL	BDL	BDL	BDL	BDL	BDL
11/23/2022	65.9	29.7	10.3	7.1	1.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
11/25/2022	85.7	38.6	9.2	8.7	2	4.7	BDL	BDL	BDL	BDL	BDL	BDL
11/27/2022	66.5	29.9	11.9	9.2	1.3	3.2	BDL	BDL	BDL	BDL	BDL	BDL
11/29/2022	58.3	26.2	14.5	13.7	2.1	4	BDL	BDL	BDL	BDL	BDL	BDL
12/1/2022	75.4	33.9	10.9	8.7	1.3	3.5	BDL	BDL	BDL	BDL	BDL	BDL
12/3/2022	63.5	28.6	9.6	6.8	1.6	3.6	BDL	BDL	BDL	BDL	BDL	BDL
12/5/2022	82.7	37.2	8.9	7.6	1.4	2.8	BDL	BDL	BDL	BDL	BDL	BDL
12/7/2022	69.7	31.4	10.3	6.8	1.5	2.9	BDL	BDL	BDL	BDL	BDL	BDL

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12/9/2022	78.4	35.3	9.9	8.7	1.8	3.7	BDL	BDL	BDL	BDL	BDL	BDL
12/11/2022	62	27.9	8.2	6.3	2.1	3.6	BDL	BDL	BDL	BDL	BDL	BDL
12/13/2022	57.2	25.7	12.1	7.6	1.9	3.4	BDL	BDL	BDL	BDL	BDL	BDL
12/15/2022	82.6	37.2	8.8	8.7	1.7	3.5	BDL	BDL	BDL	BDL	BDL	BDL
12/17/2022	55.3	24.9	9.2	7.9	1.9	3.3	BDL	BDL	BDL	BDL	BDL	BDL
12/19/2022	73.8	33.2	10.5	7.7	1.8	3.9	BDL	BDL	BDL	BDL	BDL	BDL
12/20/2022	65.2	29.3	10.5	8.2	2.2	4.3	BDL	BDL	BDL	BDL	BDL	BDL
12/22/2022	78.3	35.2	10.3	9.2	2.6	3.8	BDL	BDL	BDL	BDL	BDL	BDL
12/24/2022	55.9	25.6	9.3	6.6	2.5	3.5	BDL	BDL	BDL	BDL	BDL	BDL
12/26/2022	62.7	28.2	16.6	13.4	3.2	3.8	BDL	BDL	BDL	BDL	BDL	BDL
12/28/2022	59.6	26.8	10.1	7.2	1.9	4.4	BDL	BDL	BDL	BDL	BDL	BDL
12/30/2022	72.1	32.4	11.9	9.5	1.4	3.9	BDL	BDL	BDL	BDL	BDL	BDL
1/1/2023	84.6	38.1	9.2	7.9	2.2	3.4	BDL	BDL	BDL	BDL	BDL	BDL
1/3/2023	60.2	27.1	8.9	7.6	1.4	2.8	BDL	BDL	BDL	BDL	BDL	BDL
1/5/2023	79.5	35.8	11.9	7.7	1.7	4.2	BDL	BDL	BDL	BDL	BDL	BDL
1/7/2023	59.7	26.9	9.9	7.9	1.8	3.5	BDL	BDL	BDL	BDL	BDL	BDL
1/9/2023	67.2	30.2	8.5	8.2	2.6	3.8	BDL	BDL	BDL	BDL	BDL	BDL
1/11/2023	78.4	35.9	10.5	6.7	2	3.5	BDL	BDL	BDL	BDL	BDL	BDL
1/13/2023	69.5	31.5	8.9	8.7	1.7	3.6	BDL	BDL	BDL	BDL	BDL	BDL
1/15/2023	78.4	35.3	10.7	10.3	2.3	3.7	BDL	BDL	BDL	BDL	BDL	BDL
1/17/2023	81.7	36.8	11	8	1.9	4.1	BDL	BDL	BDL	BDL	BDL	BDL
1/19/2023	76.9	34.6	9.6	8.6	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
1/21/2023	86.6	29.4	18.2	10	2.1	4.5	BDL	BDL	BDL	BDL	BDL	BDL
1/23/2023	76.2	25.9	15.7	9.5	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
1/25/2023	67.2	22.8	17.2	11	2.2	4.6	BDL	BDL	BDL	BDL	BDL	BDL
1/27/2023	72.4	24.6	13.7	8.4	2	3.5	BDL	BDL	BDL	BDL	BDL	BDL
1/29/2023	65.1	22.3	15.5	11	2.9	3.7	BDL	BDL	BDL	BDL	BDL	BDL
1/31/2023	53.2	18.6	17.9	9.5	2.1	4.6	BDL	BDL	BDL	BDL	BDL	BDL
2/2/2023	83.7	28.5	15.9	12.1	2	3.7	BDL	BDL	BDL	BDL	BDL	BDL
2/4/2023	60.6	21.3	10.7	8.1	2.3	4	BDL	BDL	BDL	BDL	BDL	BDL
2/6/2023	69.6	23.8	18	12.7	2.8	5	BDL	BDL	BDL	BDL	BDL	BDL
2/8/2023	73.4	25	15	7.1	2.6	4.5	BDL	BDL	BDL	BDL	BDL	BDL
2/10/2023	83.5	28.5	14.6	11.2	2.2	5	BDL	BDL	BDL	BDL	BDL	BDL
2/12/2023	87	29.6	18.9	12.1	2.9	4.1	BDL	BDL	BDL	BDL	BDL	BDL
2/14/2023	69.4	23.4	15.2	12.4	2.1	3.9	BDL	BDL	BDL	BDL	BDL	BDL
2/16/2023	65.3	23.3	18.5	10.3	2.4	4.6	BDL	BDL	BDL	BDL	BDL	BDL
2/18/2023	74.8	25.6	17.3	12.7	2.8	3.2	BDL	BDL	BDL	BDL	BDL	BDL
2/20/2023	83.4	23.6	17.5	9.6	2	4.3	BDL	BDL	BDL	BDL	BDL	BDL
2/22/2023	74.3	23.3	16.4	11.2	2.6	4.7	BDL	BDL	BDL	BDL	BDL	BDL
2/24/2023	78.5	26.3	16.3	11.1	3	5.3	BDL	BDL	BDL	BDL	BDL	BDL
2/26/2023	60	19.5	13.9	8.6	2	3.5	BDL	BDL	BDL	BDL	BDL	BDL
2/28/2023	45.5	27.1	13.3	11.1	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
3/2/2023	59.1	22.3	18	9.6	2.1	4.6	BDL	BDL	BDL	BDL	BDL	BDL
3/4/2023	67.5	21.8	16.7	11.8	2.9	5.3	BDL	BDL	BDL	BDL	BDL	BDL

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3/6/2023	60.6	24	12.9	8.1	2.3	4	BDL	BDL	BDL	BDL	BDL	BDL
3/8/2023	76.9	23.2	18.2	12	2.7	4.1	BDL	BDL	BDL	BDL	BDL	BDL
3/10/2023	55.3	26.9	17.4	11.1	2.6	4.2	BDL	BDL	BDL	BDL	BDL	BDL
3/12/2023	49.8	19.6	13.4	10.3	2.1	4.6	BDL	BDL	BDL	BDL	BDL	BDL
3/14/2023	65.3	18.9	19.1	11.9	3.1	5.6	BDL	BDL	BDL	BDL	BDL	BDL
3/16/2023	77.4	25.8	16.9	10.2	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
3/18/2023	62.3	22.2	15.6	11.1	2.2	4.5	BDL	BDL	BDL	BDL	BDL	BDL

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	PM$_{10}$	PM$_{2.5}$	NO$_x$	SO$_2$	O$_3$	NH$_3$	CO	C$_6$H$_6$	BaP	Pb	As	Ni
						4.Tunda						
Date of Sampling	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	ng/m^3	µg/m^3	ng/m^3	ng/m^3
9/22/2022	71	21.9	11.9	11.1	2	4	BDL	BDL	BDL	BDL	BDL	BDL
9/26/2022	60.6	26.2	10.4	10.8	2.3	4.5	BDL	BDL	BDL	BDL	BDL	BDL
9/29/2022	52.4	18.4	10.6	9.7	2.7	4.4	BDL	BDL	BDL	BDL	BDL	BDL
10/3/2022	77.4	35.5	10.5	8.6	2.4	4	BDL	BDL	BDL	BDL	BDL	BDL
10/6/2022	60.2	20.6	11.1	7.9	2.9	4.1	BDL	BDL	BDL	BDL	BDL	BDL
10/10/2022	50.7	22.4	9.8	7.2	2.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL
10/13/2022	67.1	35	12.1	9.8	2.1	3.8	BDL	BDL	BDL	BDL	BDL	BDL
10/17/2022	57.5	25.6	9.1	8.2	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
10/20/2022	79.2	30.1	10.7	14.1	2.7	3.9	BDL	BDL	BDL	BDL	BDL	BDL
10/24/2022	88.9	28	15.8	12.7	3.1	3.6	BDL	BDL	BDL	BDL	BDL	BDL
10/27/2022	61.6	27.2	10.9	7.2	2	4.8	BDL	BDL	BDL	BDL	BDL	BDL
10/31/2022	71.6	30.6	9.5	8.2	2.3	4	BDL	BDL	BDL	BDL	BDL	BDL
11/3/2022	84.2	36.9	10.8	8.5	1.9	4.6	BDL	BDL	BDL	BDL	BDL	BDL
11/7/2022	60.6	22.6	8.3	8	2.6	3.7	BDL	BDL	BDL	BDL	BDL	BDL
11/10/2022	79.1	32.5	10.5	6.7	2	3.5	BDL	BDL	BDL	BDL	BDL	BDL
11/14/2022	61.5	25.6	11.1	10.6	2.4	3.8	BDL	BDL	BDL	BDL	BDL	BDL
11/17/2022	87.9	39.5	9.7	8.6	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
11/21/2022	71.4	32.1	10.2	9.2	2.6	3.8	BDL	BDL	BDL	BDL	BDL	BDL
11/24/2022	59.3	26.7	8.8	6.3	2.4	3.4	BDL	BDL	BDL	BDL	BDL	BDL
11/28/2022	69.7	31.4	9.5	6.7	1.8	4.1	BDL	BDL	BDL	BDL	BDL	BDL
12/1/2022	81.9	36.9	9.5	8.2	2.3	4	BDL	BDL	BDL	BDL	BDL	BDL
12/5/2022	75.6	34	10	7.8	1.7	4.2	BDL	BDL	BDL	BDL	BDL	BDL
12/8/2022	69.5	31.3	10.4	8.1	1.8	3.7	BDL	BDL	BDL	BDL	BDL	BDL
12/12/2022	73.5	33.1	10.8	6.9	2.1	3.6	BDL	BDL	BDL	BDL	BDL	BDL
12/15/2022	59.7	26.9	11.1	0.6	2.4	3.8	BDL	BDL	BDL	BDL	BDL	BDL
12/19/2022	79.6	35.8	9.3	8.3	2.5	4.4	BDL	BDL	BDL	BDL	BDL	BDL
12/22/2022	75.3	33.9	13.1	9.5	2.2	4.3	BDL	BDL	BDL	BDL	BDL	BDL
12/26/2022	62.7	28.2	10.6	10.6	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL
12/29/2022	68.3	30.7	12.8	9.1	2.4	4.1	BDL	BDL	BDL	BDL	BDL	BDL
1/2/2023	77.2	34.7	11.5	10	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL
1/5/2023	62.1	27.9	10	7.1	2.3	3.7	BDL	BDL	BDL	BDL	BDL	BDL
1/9/2023	58.3	26.2	10.2	8.4	2.7	3.9	BDL	BDL	BDL	BDL	BDL	BDL
1/12/2023	66.8	30.1	12.5	10.1	2.1	4	BDL	BDL	BDL	BDL	BDL	BDL
1/16/2023	76.3	34.3	9.3	8.3	2.5	4.4	BDL	BDL	BDL	BDL	BDL	BDL
1/19/2023	82.1	36.9	10.1	9	2.1	3.7	BDL	BDL	BDL	BDL	BDL	BDL
1/23/2023	56.8	19.3	14.3	12.7	2.1	5	BDL	BDL	BDL	BDL	BDL	BDL
1/26/2023	66.3	22.5	14	12	2.2	4.6	BDL	BDL	BDL	BDL	BDL	BDL
1/30/2023	53.2	19.6	11.8	10.3	2.7	3.7	BDL	BDL	BDL	BDL	BDL	BDL
2/2/2023	74.2	25.2	17.2	11.4	2.6	4.2	BDL	BDL	BDL	BDL	BDL	BDL
2/6/2023	68.4	24.1	15.6	11	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
2/9/2023	75.8	25.8	18.1	8.9	2.6	5.5	BDL	BDL	BDL	BDL	BDL	BDL

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2/13/2023	79.9	28.6	16.7	11.8	2.2	4.8	BDL	BDL	BDL	BDL	BDL	BDL
2/16/2023	68.2	23.2	15.2	9.6	2.2	4.5	BDL	BDL	BDL	BDL	BDL	BDL
2/20/2023	68	32.9	14	8.5	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL
2/23/2023	56.7	30.3	17.5	11.1	2.2	4.7	BDL	BDL	BDL	BDL	BDL	BDL
2/27/2023	71.1	29.9	16.9	12	2.9	4	BDL	BDL	BDL	BDL	BDL	BDL
3/2/2023	61.3	28.6	15.7	9.6	2	4.5	BDL	BDL	BDL	BDL	BDL	BDL
3/6/2023	69.3	30.6	17.9	12.7	2.8	4.9	BDL	BDL	BDL	BDL	BDL	BDL
3/9/2023	60.8	34.8	17.3	10.1	2.4	5	BDL	BDL	BDL	BDL	BDL	BDL
3/13/2023	65.1	30.8	19.9	12.8	2.9	4.4	BDL	BDL	BDL	BDL	BDL	BDL
3/16/2023	58.6	28.5	16.6	9.3	2.2	4.1	BDL	BDL	BDL	BDL	BDL	BDL

5.Vandh

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Date of Sampling	PM₁₀ µg/m³	PM₂.₅ µg/m³	NOₓ µg/m³	SO₂ µg/m³	O₃ µg/m³	NH₃ µg/m³	CO µg/m³	C₆H₆ µg/m³	BaP ng/m³	Pb µg/m³	As ng/m³	Ni ng/m³
9/26/2022	62.1	22.6	12.1	8.6	1.9	3.4	BDL	BDL	BDL	BDL	BDL	BDL
9/29/2022	59.6	26.8	11	9.5	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL
10/3/2022	72.3	20	8.3	7.9	2.2	4.2	BDL	BDL	BDL	BDL	BDL	BDL
10/6/2022	81.9	38.4	11.1	7.4	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL
10/10/2022	55	23.5	8.4	8.1	2.1	3.9	BDL	BDL	BDL	BDL	BDL	BDL
10/13/2022	70.9	28.3	9.7	7.7	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
10/17/2022	84.8	38.1	9.4	8.8	2.3	3.2	BDL	BDL	BDL	BDL	BDL	BDL
10/20/2022	80.3	33.2	17.5	13.2	3.3	4.3	BDL	BDL	BDL	BDL	BDL	BDL
10/24/2022	68.2	26.7	16	11.6	2.3	4.6	BDL	BDL	BDL	BDL	BDL	BDL
10/27/2022	75.2	30.9	8.9	8.4	2.5	3.7	BDL	BDL	BDL	BDL	BDL	BDL
10/31/2022	70.8	21	12.1	8.3	2.7	4	BDL	BDL	BDL	BDL	BDL	BDL
11/3/2022	65.2	28.1	10.6	9	2.3	4.6	BDL	BDL	BDL	BDL	BDL	BDL
11/7/2022	75.1	30.1	10.2	7.6	2.4	5.1	BDL	BDL	BDL	BDL	BDL	BDL
11/10/2022	62.5	27.4	10.4	6.2	2	3.1	BDL	BDL	BDL	BDL	BDL	BDL
11/14/2022	71.7	28.7	7.5	9.1	2.6	3.6	BDL	BDL	BDL	BDL	BDL	BDL
11/17/2022	69.1	21.2	9.5	8.9	2.4	3.3	BDL	BDL	BDL	BDL	BDL	BDL
11/21/2022	71.4	32.1	10.2	9.2	2.6	3.8	BDL	BDL	BDL	BDL	BDL	BDL
11/24/2022	59.3	26.7	8.8	6.3	2.4	3.4	BDL	BDL	BDL	BDL	BDL	BDL
11/28/2022	69.7	31.4	9.5	6.7	1.8	4.1	BDL	BDL	BDL	BDL	BDL	BDL
12/1/2022	81.9	36.9	9.5	8.2	2.3	4	BDL	BDL	BDL	BDL	BDL	BDL
12/5/2022	75.6	34	10	7.8	1.7	4.2	BDL	BDL	BDL	BDL	BDL	BDL
12/8/2022	69.5	31.3	10.4	8.1	1.8	3.7	BDL	BDL	BDL	BDL	BDL	BDL
12/12/2022	73.5	33.1	10.8	6.9	2.1	3.6	BDL	BDL	BDL	BDL	BDL	BDL
12/15/2022	59.7	26.9	11.1	0.6	2.4	3.8	BDL	BDL	BDL	BDL	BDL	BDL
12/19/2022	79.6	35.8	9.3	8.3	2.5	4.4	BDL	BDL	BDL	BDL	BDL	BDL
12/22/2022	78.3	35.2	10.6	9.2	2.5	3.6	BDL	BDL	BDL	BDL	BDL	BDL
12/26/2022	86.2	38.8	13.4	9.5	2.1	4.4	BDL	BDL	BDL	BDL	BDL	BDL
12/29/2022	93.4	42	11.8	10.2	2.9	4.6	BDL	BDL	BDL	BDL	BDL	BDL
1/2/2023	74.2	33.4	8.3	7.8	2.1	4.2	BDL	BDL	BDL	BDL	BDL	BDL
1/5/2023	88.7	39.9	10.5	7	2.2	3.7	BDL	BDL	BDL	BDL	BDL	BDL
1/9/2023	96.2	43.3	9	8.6	2	4.1	BDL	BDL	BDL	BDL	BDL	BDL
1/12/2023	89.8	40.4	9.5	7.5	2.7	4.6	BDL	BDL	BDL	BDL	BDL	BDL
1/16/2023	79.3	35.7	9.2	7.8	2.3	3.2	BDL	BDL	BDL	BDL	BDL	BDL
1/19/2023	75.6	34	12	9.6	2.7	3.9	BDL	BDL	BDL	BDL	BDL	BDL
1/23/2023	69.3	24.6	17.9	11.5	2.5	4.5	BDL	BDL	BDL	BDL	BDL	BDL
1/26/2023	79.5	34.2	15.9	10	2.1	4.9	BDL	BDL	BDL	BDL	BDL	BDL
1/30/2023	88.6	30.1	16.5	10.5	2.3	4.7	BDL	BDL	BDL	BDL	BDL	BDL
2/2/2023	79.4	27	13.7	11.4	2.2	4	BDL	BDL	BDL	BDL	BDL	BDL
2/6/2023	69.3	23.5	18	12	2	4.9	BDL	BDL	BDL	BDL	BDL	BDL
2/9/2023	74.2	25.2	16.1	12.6	2.8	4.1	BDL	BDL	BDL	BDL	BDL	BDL
2/13/2023	81.7	31.2	19.6	11.9	2.6	5.4	BDL	BDL	BDL	BDL	BDL	BDL
2/16/2023	72.2	28.5	15	10.3	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL

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2/20/2023	74.5	38.9	15.1	9.4	2.3	5	BDL	BDL	BDL	BDL	BDL	BDL
2/23/2023	70.8	42.2	18.2	10	2.8	4.8	BDL	BDL	BDL	BDL	BDL	BDL
2/27/2023	61.5	33.9	14.5	12	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
3/2/2023	71.6	37.6	17.3	11.9	2.3	4.6	BDL	BDL	BDL	BDL	BDL	BDL
3/6/2023	65.9	34.2	16.9	10.4	2	4.7	BDL	BDL	BDL	BDL	BDL	BDL
3/9/2023	59.8	41.9	16.1	11.8	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL
3/13/2023	64	34.1	19.9	10.9	2.6	4.2	BDL	BDL	BDL	BDL	BDL	BDL
3/16/2023	68.3	39.5	13	9.2	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL

6.Siracha												
Date of Sampling	PM_{10}	$PM_{2.5}$	NO_x	SO_2	O_3	NH_3	CO	C_6H_6	BaP	Pb	As	Ni
	$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$	ng/m^3	$\mu g/m^3$	ng/m^3	ng/m^3
9/22/2022	77.1	32	10.8	9.1	1.4	3.9	BDL	BDL	BDL	BDL	BDL	BDL
9/26/2022	54.5	24.3	13	9.7	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL
9/29/2022	74.2	33.3	11.4	10.3	2.5	4.4	BDL	BDL	BDL	BDL	BDL	BDL
10/3/2022	58.7	22.8	8.4	8.1	1.8	4.8	BDL	BDL	BDL	BDL	BDL	BDL
10/6/2022	72.4	26	10.2	7.2	2.3	4.3	BDL	BDL	BDL	BDL	BDL	BDL
10/10/2022	51.8	23	12.2	8.1	1.2	3.1	BDL	BDL	BDL	BDL	BDL	BDL
10/13/2022	67.2	26.6	8.7	8.6	2.6	3.6	BDL	BDL	BDL	BDL	BDL	BDL
10/17/2022	62.9	28.4	9.5	9.3	1.9	3.7	BDL	BDL	BDL	BDL	BDL	BDL
10/20/2022	64.4	22.6	12.8	12.8	2.8	4.3	BDL	BDL	BDL	BDL	BDL	BDL
10/24/2022	70.8	28	12.1	11.3	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL
10/27/2022	68.3	27.1	10.8	9	2	4.3	BDL	BDL	BDL	BDL	BDL	BDL
10/31/2022	56.2	24.1	10	9.8	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL
11/3/2022	76	19.9	11.3	10.5	2	3.6	BDL	BDL	BDL	BDL	BDL	BDL
11/7/2022	60.1	24.5	9.6	9.1	2.8	4.1	BDL	BDL	BDL	BDL	BDL	BDL
11/10/2022	71.2	26.4	9.7	9	2.4	3.9	BDL	BDL	BDL	BDL	BDL	BDL
11/14/2022	65.2	28	11.6	8.5	2.7	3.4	BDL	BDL	BDL	BDL	BDL	BDL
11/17/2022	80.1	24.6	9.2	7	1.8	3.6	BDL	BDL	BDL	BDL	BDL	BDL
11/21/2022	61.2	27.5	13.1	12.6	2.8	4.4	BDL	BDL	BDL	BDL	BDL	BDL
11/24/2022	72.5	32.6	12.4	8.8	1.9	4	BDL	BDL	BDL	BDL	BDL	BDL
11/28/2022	65.3	29.4	9.8	8.2	1.8	3.9	BDL	BDL	BDL	BDL	BDL	BDL
12/1/2022	54.3	24.4	9.9	9.7	2.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL
12/5/2022	85.4	38.4	10.9	10.2	1.9	3.5	BDL	BDL	BDL	BDL	BDL	BDL
12/8/2022	66.5	29.9	8.9	8.6	2.2	4.1	BDL	BDL	BDL	BDL	BDL	BDL
12/12/2022	83.7	37.7	10.1	9.4	2.5	4	BDL	BDL	BDL	BDL	BDL	BDL
12/15/2022	68.9	31	11.1	8.1	2.6	3.2	BDL	BDL	BDL	BDL	BDL	BDL
12/19/2022	58.7	26.4	9.3	7.1	1.9	3.6	BDL	BDL	BDL	BDL	BDL	BDL
12/22/2022	76.9	34.6	11.9	9.5	1.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
12/26/2022	84.2	37.9	14.2	10.6	2.5	4.5	BDL	BDL	BDL	BDL	BDL	BDL
12/29/2022	79.3	35.7	11.9	9.7	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
1/2/2023	69.2	28.9	9.3	8.9	2	4.8	BDL	BDL	BDL	BDL	BDL	BDL
1/5/2023	75.1	33.8	10.7	7.5	2.4	4.5	BDL	BDL	BDL	BDL	BDL	BDL
1/9/2023	86.4	38.9	12.3	8.2	2	3.6	BDL	BDL	BDL	BDL	BDL	BDL
1/12/2023	71.2	29.3	8.9	8.7	2.6	3.7	BDL	BDL	BDL	BDL	BDL	BDL
1/16/2023	68.2	30.7	9.3	9.1	1.9	3.6	BDL	BDL	BDL	BDL	BDL	BDL
1/19/2023	86.5	26.3	9.8	7.5	2	3.8	BDL	BDL	BDL	BDL	BDL	BDL
1/23/2023	76.8	26.1	19.1	8.5	2.4	4	BDL	BDL	BDL	BDL	BDL	BDL
1/26/2023	66.9	22.7	17.2	9.2	2.1	4.8	BDL	BDL	BDL	BDL	BDL	BDL
1/30/2023	58.2	20.4	16.1	10.6	2.2	5.1	BDL	BDL	BDL	BDL	BDL	BDL
2/2/2023	71.4	24.6	15.4	9.6	2	5	BDL	BDL	BDL	BDL	BDL	BDL
2/6/2023	59.1	21.4	13.5	11	2.1	3.5	BDL	BDL	BDL	BDL	BDL	BDL
2/9/2023	75	25.4	15.6	12.3	2.5	4.9	BDL	BDL	BDL	BDL	BDL	BDL

2/13/2023	70.7	24.6	13.9	10.6	2.7	5.2	BDL	BDL	BDL	BDL	BDL	BDL
2/16/2023	51	18.5	14.6	12	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
2/20/2023	64.6	25.5	12.2	12.8	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL
2/23/2023	75.2	32.5	16.3	8	2.1	4.4	BDL	BDL	BDL	BDL	BDL	BDL
2/27/2023	78.6	33.4	18.7	9.4	2.3	4	BDL	BDL	BDL	BDL	BDL	BDL
3/2/2023	81.3	39.2	14.6	7.2	2	4.2	BDL	BDL	BDL	BDL	BDL	BDL
3/6/2023	73.5	40	15.2	10.4	2.3	4.8	BDL	BDL	BDL	BDL	BDL	BDL
3/9/2023	62.9	28.7	14.1	7.2	2.2	4.1	BDL	BDL	BDL	BDL	BDL	BDL
3/13/2023	78.2	38.4	13.5	10	2.3	4.7	BDL	BDL	BDL	BDL	BDL	BDL
3/16/2023	65.5	32.3	12.7	9.4	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL

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Date of Sampling	PM$_{10}$ µg/m³	PM$_{2.5}$ µg/m³	NO$_x$ µg/m³	SO$_2$ µg/m³	O$_3$ µg/m³	NH$_3$ µg/m³	CO µg/m³	C$_6$H$_6$ µg/m³	BaP ng/m³	Pb µg/m³	As ng/m³	Ni ng/m³
9/22/2022	63	27.1	9.8	6.7	1.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
9/26/2022	71.1	28.1	10.7	8.5	1.2	3.1	BDL	BDL	BDL	BDL	BDL	BDL
9/29/2022	61.2	25.4	14.5	13.7	2.1	4	BDL	BDL	BDL	BDL	BDL	BDL
10/3/2022	53.6	23.7	9.4	6.7	1.6	3.5	BDL	BDL	BDL	BDL	BDL	BDL
10/6/2022	65.9	28.3	10.7	7.3	1.8	3.6	BDL	BDL	BDL	BDL	BDL	BDL
10/10/2022	67.5	25.1	8.5	5.8	2.4	4.1	BDL	BDL	BDL	BDL	BDL	BDL
10/13/2022	41.8	17.2	11	11.8	2.3	3.7	BDL	BDL	BDL	BDL	BDL	BDL
10/17/2022	54.2	23.7	9.5	8.2	1.9	3.4	BDL	BDL	BDL	BDL	BDL	BDL
10/20/2022	60.8	27.1	13.1	12.6	2.2	4.5	BDL	BDL	BDL	BDL	BDL	BDL
10/24/2022	75	32.3	9.9	9.4	2.1	5.1	BDL	BDL	BDL	BDL	BDL	BDL
10/27/2022	73.6	22.3	10.4	8.1	2.8	3.9	BDL	BDL	BDL	BDL	BDL	BDL
10/31/2022	67.2	27.2	9.2	8.5	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
11/3/2022	48.8	21.1	11.6	11.2	2.3	4.5	BDL	BDL	BDL	BDL	BDL	BDL
11/7/2022	80.3	32	10.3	9.1	1.9	3.8	BDL	BDL	BDL	BDL	BDL	BDL
11/10/2022	60	19.8	11.9	10	2.6	4	BDL	BDL	BDL	BDL	BDL	BDL
11/14/2022	59.5	25.6	10.2	9.4	2.2	3.3	BDL	BDL	BDL	BDL	BDL	BDL
11/17/2022	72.8	16.9	8.9	8.6	2	3.6	BDL	BDL	BDL	BDL	BDL	BDL
11/21/2022	76.3	34.3	13.2	12.6	2.2	4.6	BDL	BDL	BDL	BDL	BDL	BDL
11/24/2022	69.2	31.1	8.5	8.2	2.1	4.3	BDL	BDL	BDL	BDL	BDL	BDL
11/28/2022	61.9	27.9	10	7.9	2.7	3.7	BDL	BDL	BDL	BDL	BDL	BDL
12/1/2022	73.6	33.1	8.9	8.3	2.3	4.2	BDL	BDL	BDL	BDL	BDL	BDL
12/5/2022	56.3	25.3	10.5	10.1	2.1	4.1	BDL	BDL	BDL	BDL	BDL	BDL
12/8/2022	67.1	30.2	12.2	6.9	1.9	4.3	BDL	BDL	BDL	BDL	BDL	BDL
12/12/2022	58.9	26.5	10.6	9.7	2.5	3.9	BDL	BDL	BDL	BDL	BDL	BDL
12/15/2022	83.4	37.5	10.7	10.1	2.4	3.6	BDL	BDL	BDL	BDL	BDL	BDL
12/19/2022	69.4	31.2	8.5	8.2	1.9	3.4	BDL	BDL	BDL	BDL	BDL	BDL
12/22/2022	89.6	40.3	10.8	7.4	1.7	4.8	BDL	BDL	BDL	BDL	BDL	BDL
12/26/2022	79.5	35.8	12.5	9.6	1.3	3.3	BDL	BDL	BDL	BDL	BDL	BDL
12/29/2022	88.6	39.9	15.2	11.3	2.2	4.2	BDL	BDL	BDL	BDL	BDL	BDL
1/2/2023	72.4	32.6	10.4	7.4	1.8	3.9	BDL	BDL	BDL	BDL	BDL	BDL
1/5/2023	86.9	33.2	10.7	7.1	1.6	3	BDL	BDL	BDL	BDL	BDL	BDL
1/9/2023	63.7	28.7	9	6.9	2.3	4	BDL	BDL	BDL	BDL	BDL	BDL
1/12/2023	76.9	34.6	11.6	7.2	1.9	3.2	BDL	BDL	BDL	BDL	BDL	BDL
1/16/2023	82.3	37	9.9	8.6	2	3.5	BDL	BDL	BDL	BDL	BDL	BDL
1/19/2023	68.4	30.8	10.3	7.9	2.1	4	BDL	BDL	BDL	BDL	BDL	BDL
1/23/2023	68.9	23.4	16.4	11.2	2.6	4.7	BDL	BDL	BDL	BDL	BDL	BDL
1/26/2023	89.7	30.5	15.3	12	2.9	5	BDL	BDL	BDL	BDL	BDL	BDL
1/30/2023	76.8	26.1	10.3	11.4	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
2/2/2023	61.7	21.4	15.2	10.8	2.6	4.8	BDL	BDL	BDL	BDL	BDL	BDL
2/6/2023	62.7	23.5	14.8	9.8	2.2	3.4	BDL	BDL	BDL	BDL	BDL	BDL
2/9/2023	91.2	31	16.9	10.7	2.5	3.8	BDL	BDL	BDL	BDL	BDL	BDL

7.Moti Khakhar

2/13/2023	82.8	28.9	17.2	10.8	2.8	5.1	BDL	BDL	BDL	BDL	BDL	BDL
2/16/2023	76.2	25.7	15.7	11.1	2.2	4.5	BDL	BDL	BDL	BDL	BDL	BDL
2/20/2023	60.7	26.8	17.3	12.7	2.3	4.3	BDL	BDL	BDL	BDL	BDL	BDL
2/23/2023	55.6	32	13.9	10.2	2.1	4.1	BDL	BDL	BDL	BDL	BDL	BDL
2/27/2023	63.2	27.8	16.3	12.8	2.7	4	BDL	BDL	BDL	BDL	BDL	BDL
3/2/2023	61.6	29.7	14.5	11.1	2.4	4.5	BDL	BDL	BDL	BDL	BDL	BDL
3/6/2023	55.5	26.5	17.4	12.7	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL
3/9/2023	66.9	35.4	13.9	11	2.2	4.1	BDL	BDL	BDL	BDL	BDL	BDL
3/13/2023	63	25.6	18.7	12.8	2.7	5.2	BDL	BDL	BDL	BDL	BDL	BDL
3/16/2023	59	36.1	14.4	10.2	2	4.9	BDL	BDL	BDL	BDL	BDL	BDL

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Date of Sampling	PM$_{10}$ µg/m³	PM$_{2.5}$ µg/m³	NO$_x$ µg/m³	SO$_2$ µg/m³	O$_3$ µg/m³	NH$_3$ µg/m³	CO µg/m³	C$_6$H$_6$ µg/m³	BaP ng/m³	Pb µg/m³	As ng/m³	Ni ng/m³
					8.Mota Kandagra							
9/22/2022	59.1	25.2	10	9.5	2	3.7	BDL	BDL	BDL	BDL	BDL	BDL
9/26/2022	49.2	21.7	9.8	7.2	1.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
9/29/2022	65.8	28.5	15.6	9.3	2.2	4.8	BDL	BDL	BDL	BDL	BDL	BDL
10/3/2022	77	20.8	9.8	9.1	1.3	3.2	BDL	BDL	BDL	BDL	BDL	BDL
10/6/2022	61.8	26.5	11.5	8.5	1.7	3.7	BDL	BDL	BDL	BDL	BDL	BDL
10/10/2022	73.7	29.3	8.7	7.4	1.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
10/13/2022	39.4	14.5	12.3	7.7	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL
10/17/2022	51.2	16.4	9.4	8.4	1.9	3.4	BDL	BDL	BDL	BDL	BDL	BDL
10/20/2022	81.8	23.1	12.5	11.7	2.1	4.2	BDL	BDL	BDL	BDL	BDL	BDL
10/24/2022	59.6	25.7	10.2	10.6	2.6	4.4	BDL	BDL	BDL	BDL	BDL	BDL
10/27/2022	85.3	33.7	12.3	8.7	2.3	3.9	BDL	BDL	BDL	BDL	BDL	BDL
10/31/2022	83.3	37.1	11.3	9.3	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
11/3/2022	56	19.1	10.4	7.3	2.7	3.8	BDL	BDL	BDL	BDL	BDL	BDL
11/7/2022	66.8	23.3	10.3	7.5	2.9	4.7	BDL	BDL	BDL	BDL	BDL	BDL
11/10/2022	82.8	33.3	11.5	9.3	2	3.6	BDL	BDL	BDL	BDL	BDL	BDL
11/14/2022	70.2	26.6	9.5	8.5	2.5	4.5	BDL	BDL	BDL	BDL	BDL	BDL
11/17/2022	65.2	28.2	10.1	9	2.1	3.6	BDL	BDL	BDL	BDL	BDL	BDL
11/21/2022	75.6	34	11.9	11.1	2	4	BDL	BDL	BDL	BDL	BDL	BDL
11/24/2022	66.3	29.8	15	12.1	2.9	3.5	BDL	BDL	BDL	BDL	BDL	BDL
11/28/2022	82.9	37.3	12.3	8.7	2.3	3.9	BDL	BDL	BDL	BDL	BDL	BDL
12/1/2022	72.4	32.6	10.6	9.2	2.5	4	BDL	BDL	BDL	BDL	BDL	BDL
12/5/2022	61.5	27.7	9.7	6.9	2.3	3.6	BDL	BDL	BDL	BDL	BDL	BDL
12/8/2022	76.2	34.3	8.6	8.3	2.6	3.9	BDL	BDL	BDL	BDL	BDL	BDL
12/12/2022	78.4	35.3	12.1	9.8	2.1	3.7	BDL	BDL	BDL	BDL	BDL	BDL
12/15/2022	68.3	30.7	10	8.9	2.6	4.7	BDL	BDL	BDL	BDL	BDL	BDL
12/19/2022	63.8	28.7	9.2	8.2	1.9	3.3	BDL	BDL	BDL	BDL	BDL	BDL
12/22/2022	68.4	30.8	11.3	10.6	2.2	4.1	BDL	BDL	BDL	BDL	BDL	BDL
12/26/2022	54.2	24.4	10.3	7.5	1.8	4.2	BDL	BDL	BDL	BDL	BDL	BDL
12/29/2022	69.3	31.2	16	9.6	2.6	3.3	BDL	BDL	BDL	BDL	BDL	BDL
1/2/2023	72.1	32.4	10.3	9.9	1.8	3.4	BDL	BDL	BDL	BDL	BDL	BDL
1/5/2023	59.7	26.9	9.8	8.2	1.6	3.2	BDL	BDL	BDL	BDL	BDL	BDL
1/9/2023	66.2	29.8	8.1	6.9	1.4	4	BDL	BDL	BDL	BDL	BDL	BDL
1/12/2023	73.8	33.2	13.4	7.9	2.6	3.8	BDL	BDL	BDL	BDL	BDL	BDL
1/16/2023	78.3	35.2	9.6	8.6	2	3.5	BDL	BDL	BDL	BDL	BDL	BDL
1/19/2023	67.8	30.5	10.2	7.8	2.3	3.9	BDL	BDL	BDL	BDL	BDL	BDL
1/23/2023	53.6	18.2	16.8	8.7	2	3.7	BDL	BDL	BDL	BDL	BDL	BDL
1/26/2023	73	24.8	16.7	10.3	2.1	4.5	BDL	BDL	BDL	BDL	BDL	BDL
1/30/2023	49.7	19.7	12	12.2	2.3	5.1	BDL	BDL	BDL	BDL	BDL	BDL
2/2/2023	54.1	18.4	16.5	10.5	2.7	4.6	BDL	BDL	BDL	BDL	BDL	BDL
2/6/2023	65.2	22.5	16.1	12.6	2.8	3.5	BDL	BDL	BDL	BDL	BDL	BDL
2/9/2023	72.4	24.6	17.3	11.1	2.4	4.6	BDL	BDL	BDL	BDL	BDL	BDL

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2/13/2023	78.7	26.7	11.4	12.8	2.8	4.8	BDL	BDL	BDL	BDL	BDL	BDL
2/16/2023	71.4	24.3	15.2	10.4	2.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL
2/20/2023	59.7	28.2	13.5	12	2.2	4.7	BDL	BDL	BDL	BDL	BDL	BDL
2/23/2023	65	25.8	13.7	11.8	2.4	4.5	BDL	BDL	BDL	BDL	BDL	BDL
2/27/2023	57.9	27.2	13.1	10.5	2.9	4	BDL	BDL	BDL	BDL	BDL	BDL
3/2/2023	61.1	29.5	16.9	11.2	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL
3/6/2023	63.4	28.5	15.7	11.1	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
3/9/2023	57.2	34.2	13.7	12.6	2	4.1	BDL	BDL	BDL	BDL	BDL	BDL
3/13/2023	56.4	30.9	18	12.8	2.4	5.2	BDL	BDL	BDL	BDL	BDL	BDL
3/16/2023	58.2	25	16.1	10.2	2.3	4.8	BDL	BDL	BDL	BDL	BDL	BDL

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							9.Tragadi					
Date of Sampling	PM$_{10}$	PM$_{2.5}$	NO$_x$	SO$_2$	O$_3$	NH$_3$	CO	C$_6$H$_6$	BaP	Pb	As	Ni
	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	ng/m³	µg/m³	ng/m³	ng/m³
9/22/2022	58	25.8	12.5	12	2.1	4.3	BDL	BDL	BDL	BDL	BDL	BDL
9/26/2022	68.9	29.6	9.1	8.6	2	4.7	BDL	BDL	BDL	BDL	BDL	BDL
9/29/2022	71.1	21.5	10	7.9	2.7	3.7	BDL	BDL	BDL	BDL	BDL	BDL
10/3/2022	66.8	28.1	9.1	8.4	2.3	4.3	BDL	BDL	BDL	BDL	BDL	BDL
10/6/2022	51.2	22.7	12.2	11.7	2.4	4.7	BDL	BDL	BDL	BDL	BDL	BDL
10/10/2022	75.8	30.2	9.7	8.6	1.8	3.6	BDL	BDL	BDL	BDL	BDL	BDL
10/13/2022	58.4	17.2	10.6	9.7	2.5	3.9	BDL	BDL	BDL	BDL	BDL	BDL
10/17/2022	60.1	26.9	10.1	9.5	2.3	3.4	BDL	BDL	BDL	BDL	BDL	BDL
10/20/2022	68.8	28.2	11.8	11.7	3	4.4	BDL	BDL	BDL	BDL	BDL	BDL
10/24/2022	72.7	27	9.3	9	2.3	4.7	BDL	BDL	BDL	BDL	BDL	BDL
10/27/2022	82.8	33.2	11.3	7.4	1.8	3.8	BDL	BDL	BDL	BDL	BDL	BDL
10/31/2022	79.1	19.7	12.6	6.6	2.4	4	BDL	BDL	BDL	BDL	BDL	BDL
11/3/2022	61.4	29.9	11.5	6.3	3.3	3.8	BDL	BDL	BDL	BDL	BDL	BDL
11/7/2022	75.7	28.7	12.7	7.2	1.9	4.4	BDL	BDL	BDL	BDL	BDL	BDL
11/10/2022	63.9	24.4	10.2	7.7	1.5	3.2	BDL	BDL	BDL	BDL	BDL	BDL
11/14/2022	73.7	22.7	12	10.1	2.9	4	BDL	BDL	BDL	BDL	BDL	BDL
11/17/2022	87.4	26.6	10.6	10	2.4	3.5	BDL	BDL	BDL	BDL	BDL	BDL
11/21/2022	76.8	34.6	11.3	11.1	2.9	4.2	BDL	BDL	BDL	BDL	BDL	BDL
11/24/2022	69.5	31.3	9.3	8	2	3.6	BDL	BDL	BDL	BDL	BDL	BDL
11/28/2022	72.9	32.8	9.5	6.3	1.8	3.2	BDL	BDL	BDL	BDL	BDL	BDL
12/1/2022	81.7	36.8	13.1	6.8	2.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL
12/5/2022	75.3	33.9	10.4	7.6	2.9	3.5	BDL	BDL	BDL	BDL	BDL	BDL
12/8/2022	62.4	28.1	8.2	8.7	1.5	3.7	BDL	BDL	BDL	BDL	BDL	BDL
12/12/2022	55.8	25.1	10.2	7.7	1.9	3.3	BDL	BDL	BDL	BDL	BDL	BDL
12/15/2022	50.4	22.7	11.4	9.6	2.8	3.8	BDL	BDL	BDL	BDL	BDL	BDL
12/19/2022	69.9	31.5	10.2	9.7	2.3	3.4	BDL	BDL	BDL	BDL	BDL	BDL
12/22/2022	62.3	28	12.6	9.2	2.1	4.3	BDL	BDL	BDL	BDL	BDL	BDL
12/26/2022	71.6	32.2	9.7	9.1	1.9	4.9	BDL	BDL	BDL	BDL	BDL	BDL
12/29/2022	64.5	29	10.3	8	2.7	3.8	BDL	BDL	BDL	BDL	BDL	BDL
1/2/2023	73.9	33.3	8.8	8.2	2.3	4.2	BDL	BDL	BDL	BDL	BDL	BDL
1/5/2023	59.3	26.7	11.8	10.6	2.2	3.3	BDL	BDL	BDL	BDL	BDL	BDL
1/9/2023	51.2	23	10.3	9.1	2	3.8	BDL	BDL	BDL	BDL	BDL	BDL
1/12/2023	68.5	30.8	11.1	10.2	2.6	4	BDL	BDL	BDL	BDL	BDL	BDL
1/16/2023	73.4	33	10.3	9.7	2.3	3.4	BDL	BDL	BDL	BDL	BDL	BDL
1/19/2023	63.9	28.8	9.3	9	2	3.7	BDL	BDL	BDL	BDL	BDL	BDL
1/23/2023	76.7	26.1	17	12.5	2.2	4	BDL	BDL	BDL	BDL	BDL	BDL
1/26/2023	65.3	22.2	15	11	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL
1/30/2023	67.9	23.1	16.1	12.6	2.6	4	BDL	BDL	BDL	BDL	BDL	BDL
2/2/2023	75.8	25.9	15.2	11.6	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL
2/6/2023	64.1	21.8	16.8	12.3	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
2/9/2023	59.7	20.3	14.9	11.8	2.4	4	BDL	BDL	BDL	BDL	BDL	BDL

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2/13/2023	63.2	21.4	16.6	10.6	2.2	4.3	BDL	BDL	BDL	BDL	BDL	BDL
2/16/2023	58.4	26.5	15.2	10.8	2.1	5.2	BDL	BDL	BDL	BDL	BDL	BDL
2/20/2023	46.2	25.3	19.3	10.3	2.7	4.9	BDL	BDL	BDL	BDL	BDL	BDL
2/23/2023	51	21	15.7	9.6	2	4.5	BDL	BDL	BDL	BDL	BDL	BDL
2/27/2023	46.1	27	18	11.9	2.5	5	BDL	BDL	BDL	BDL	BDL	BDL
3/2/2023	40.2	28.8	16.2	11.1	2	4.1	BDL	BDL	BDL	BDL	BDL	BDL
3/6/2023	50.4	23.2	14.6	7.2	2.3	4	BDL	BDL	BDL	BDL	BDL	BDL
3/9/2023	48.3	21.4	14.3	10.1	2.6	4.9	BDL	BDL	BDL	BDL	BDL	BDL
3/13/2023	47.7	26.5	16.7	10.9	2.7	4.2	BDL	BDL	BDL	BDL	BDL	BDL
3/16/2023	42.6	24.5	19.1	11.8	2.4	4.7	BDL	BDL	BDL	BDL	BDL	BDL

					10.Nana Bhadiya							
Date of Sampling	PM$_{10}$	PM$_{2.5}$	NO$_x$	SO$_2$	O$_3$	NH$_3$	CO	C$_6$H$_6$	BaP	Pb	As	Ni
	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	ng/m^3	µg/m^3	ng/m^3	ng/m^3
9/22/2022	53	19.2	12.5	12.4	2.7	4.2	BDL	BDL	BDL	BDL	BDL	BDL
9/26/2022	68.4	25.5	11.7	10.9	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL
9/29/2022	54.9	24.3	9.7	8.1	2.2	3.9	BDL	BDL	BDL	BDL	BDL	BDL
10/3/2022	67.3	29.8	10.2	10	2.5	3.7	BDL	BDL	BDL	BDL	BDL	BDL
10/6/2022	47.8	18.1	11.9	11.1	2.1	3.8	BDL	BDL	BDL	BDL	BDL	BDL
10/10/2022	58.4	21	9.3	8.8	2.4	4	BDL	BDL	BDL	BDL	BDL	BDL
10/13/2022	71.4	30.7	11.8	7.6	2.8	3.6	BDL	BDL	BDL	BDL	BDL	BDL
10/17/2022	61.7	26.7	11	8	2.6	3.7	BDL	BDL	BDL	BDL	BDL	BDL
10/20/2022	59	34.3	11.2	9.7	2.6	3.9	BDL	BDL	BDL	BDL	BDL	BDL
10/24/2022	75.1	26	13.9	9.9	2.2	4.5	BDL	BDL	BDL	BDL	BDL	BDL
10/27/2022	67.9	30.5	12.6	10.8	3.1	4.9	BDL	BDL	BDL	BDL	BDL	BDL
10/31/2022	74.9	20.7	8.6	8.1	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL
11/3/2022	87.2	40.8	11.8	7.8	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL
11/7/2022	58.4	25	9	8.6	2.2	4.1	BDL	BDL	BDL	BDL	BDL	BDL
11/10/2022	66	26.3	9	7.1	2.6	4.4	BDL	BDL	BDL	BDL	BDL	BDL
11/14/2022	85.9	36.8	9.5	8	2.4	3.3	BDL	BDL	BDL	BDL	BDL	BDL
11/17/2022	70.8	30.1	11.7	8.5	2.7	3.9	BDL	BDL	BDL	BDL	BDL	BDL
11/21/2022	63.5	28.6	10.5	9.2	2.5	3.6	BDL	BDL	BDL	BDL	BDL	BDL
11/24/2022	78.2	35.2	14.6	10.6	2.1	4.2	BDL	BDL	BDL	BDL	BDL	BDL
11/28/2022	60.2	27.1	11.8	10.2	2.9	4.6	BDL	BDL	BDL	BDL	BDL	BDL
12/1/2022	71.8	32.3	8.6	8.1	2.2	4.3	BDL	BDL	BDL	BDL	BDL	BDL
12/5/2022	82.3	37	10.9	7.2	2.3	3.8	BDL	BDL	BDL	BDL	BDL	BDL
12/8/2022	72.9	32.8	9.9	7.4	2.1	4.9	BDL	BDL	BDL	BDL	BDL	BDL
12/12/2022	79.5	35.8	9.6	7.6	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
12/15/2022	65.3	29.4	9.2	7.7	2.3	3.2	BDL	BDL	BDL	BDL	BDL	BDL
12/19/2022	78.6	35.4	10.9	8.7	2.5	3.6	BDL	BDL	BDL	BDL	BDL	BDL
12/22/2022	53.4	24	14	10.2	3	4.7	BDL	BDL	BDL	BDL	BDL	BDL
12/26/2022	69.3	31.2	12.5	11.6	2.4	4.4	BDL	BDL	BDL	BDL	BDL	BDL
12/29/2022	59.7	26.9	10.3	8.6	1.9	4.1	BDL	BDL	BDL	BDL	BDL	BDL
1/2/2023	71.2	32	9.9	9.7	2.5	3.6	BDL	BDL	BDL	BDL	BDL	BDL
1/5/2023	65.8	29.6	11.3	10.5	2	3.7	BDL	BDL	BDL	BDL	BDL	BDL
1/9/2023	70.2	31.6	9.2	8.7	2.7	3.9	BDL	BDL	BDL	BDL	BDL	BDL
1/12/2023	58.2	26.2	10.8	10.1	2.3	4.3	BDL	BDL	BDL	BDL	BDL	BDL
1/16/2023	64.3	28.9	10.5	7.7	2.5	3	BDL	BDL	BDL	BDL	BDL	BDL
1/19/2023	73.6	33.1	8.9	6.8	1.8	3.4	BDL	BDL	BDL	BDL	BDL	BDL
1/23/2023	76.7	26.1	17	12.5	2.2	4	BDL	BDL	BDL	BDL	BDL	BDL
1/26/2023	65.3	22.2	15	11	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL
1/30/2023	67.9	23.1	16.1	12.6	2.6	4	BDL	BDL	BDL	BDL	BDL	BDL
2/2/2023	75.8	25.9	15.2	11.6	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL
2/6/2023	64.1	21.8	16.8	12.3	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
2/9/2023	59.7	20.3	14.9	11.8	2.4	4	BDL	BDL	BDL	BDL	BDL	BDL

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2/13/2023	63.2	21.4	16.6	10.6	2.2	4.3	BDL	BDL	BDL	BDL	BDL	BDL
2/16/2023	58.4	26.5	15.2	10.8	2.1	5.2	BDL	BDL	BDL	BDL	BDL	BDL
2/20/2023	48.2	21.5	19.8	11.8	2.7	4.6	BDL	BDL	BDL	BDL	BDL	BDL
2/23/2023	46.7	29.1	17.5	11	2.3	5.4	BDL	BDL	BDL	BDL	BDL	BDL
2/27/2023	52.9	25.8	18.7	11.1	2.4	5	BDL	BDL	BDL	BDL	BDL	BDL
3/2/2023	48.8	29.2	14.2	11.7	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL
3/6/2023	49.6	24.3	17.9	11.9	2	4.7	BDL	BDL	BDL	BDL	BDL	BDL
3/9/2023	46.9	27.2	17.3	10.1	3	4.4	BDL	BDL	BDL	BDL	BDL	BDL
3/13/2023	52.5	25	18	10.9	2.4	4.9	BDL	BDL	BDL	BDL	BDL	BDL
3/16/2023	46.7	27.6	16.1	11	2.9	4.8	BDL	BDL	BDL	BDL	BDL	BDL

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Environment Expenditure 2022-2023

Sr. No	Activity	Expenditure (in lacs)
1	O&M Cost of ESP	110,71,000
2	O&M Cost of ETP	26,20000
3	O&M Cost of CEMS & CAAQMS	99,62,656
4	O&M Cost of Display Board	1,09,000
5	Environment Day Celebration Cost	1,00,000
6	FGD commissioning expenses	5,46,14,00,000
7	Green Belt Development	15,61,000
8	Environment Monitoring	26,00,000
9	GPCB Schedule 1 Audit	5,00,000
10	Waste Management	20,00,000
	Total	**5,491,923,656**

CSR Expenditure for 2022-2023

Strategic Intent	Total Expenditure From TPCDT (In Lakhs)	Total Expenditure from CGPL (In Lakhs)	Total Cumulative Expenditure (In Lakhs)
Livelihood Linked Ecosystem	36.09	628.88	664.97
Building Social Capital and Infrastructure	29.88	14.10	43.98
Total Expenditure	65.97	642.98	708.95