

**CGPL/UMPP/ENV/MoEF/5904**

**Date- 03/11/2022**

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 Coastal Gujarat Power Limited.

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

Dear Sir,

Please find enclosed herewith half yearly compliance report for the period April 2022 – Sept 2022 of the stipulated conditions in Environmental Clearance and its subsequent corrigendum for M/s Coastal Gujarat Power Limited.

Thank you,  
Yours Faithfully,  
For **Coastal Gujarat Power 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)

**Coastal Gujarat Power Limited**

(A Tata Power Company)

Ultra Mega Power Project

Tunda Vandh Road, Tunda Village, Mundra, Kutch - 370435.

Tel.: 91 2838 661213

CIN : U40102MH2006PLC182213 Website : www.tatapower.com Email : tatapower@tatapower.com

**Regd Office** C/o The Tata Power Company Limited, 34 Sant Tukaram Road, Carnac Bunder, Mumbai - 400 009.

**Status of Conditions stipulated in CRZ Clearance of CGPL, Mundra**

**Ref.:**

1. CRZ clearance vide letter No.11-11/2007-IA-III, dated 25<sup>th</sup> April ,2007
2. Amendment in CRZ Clearance vide Letter No.11-11/207-IA-III dated 09/03/2010

CRZ clearance vide letter No.11-11/2007-IA-III, dated 25<sup>th</sup> April ,2007 from MoEF &CC

**Specific condition**

1.	Continuous monitoring of the temperature at the discharge should be provided.	Online temperature monitoring sensor is installed on outfall channel. Monitoring data is displayed online that is linked with CPCB.
2.	Area for mangrove afforestation and the cost earmarked for the afforestation measures should be provided	CGPL has developed mangroves on 1000 Ha at Kantiyajal Bharuch in association with Gujarat Ecology Commission.
3.	It shall be ensured that no fly ash /slurry from the fly ash pond would be disposed off in the CRZ area or through the outfall channel.	Complied, No fly ash or slurry from the fly ash pond is disposed off in the CRZ area or through the outfall channel.
4.	The fishing activities and movement of fishermen on the coast should not be affected. Appropriate measurement such as bridge or walkways over the channel should be provided.	The movement of fishermen or their activities is not effected by CGPL.  To ensure access of fishing communities to the intertidal areas and fishing site, following measures have been taken by CGPL 1. Alternate road has been provided which is connecting Tragadi village to Tragadi Bunder including construction of bridge over the outfall channel 2. Approach road has been provided up to Tragadi bunder so as to access the fishing site 3. Boat has been provided to cross the outfall channel and reach the fishing site.
5.	No objection certificate from the Gujarat Pollution Control Board should be obtain before starting the project.	NOC has been obtained by GPCB vide Letter No. PC/CCA-KUTCH-347/21029 dated 5/4/07 and has been amended in 17/7/07
6.	The effluent discharge weir, shall be designed to ensure that the tidal water does not find its way into the precooling channel. Further, it shall be ensured that the hot water discharge is uniformly spread over the radial region in front and mixing of warm water with the ambient receiving water is maximum	Complied, as per the NIO design it has been ensured that no the tidal water will proceed precooling channel. Future it is ensured that the hot water discharge is uniformly spread over the radial region in front and mixing.
7.	Necessary precaution shall be taken to have uniform flow in the precooling channel in order to achieve better heat dissipation. For this purpose desilting operation be carried out periodically.	During FY 22 no desilting operation carried. All necessary percussions are being taken.
8.	Tree/mangrove plantation in the vicinity of project site and particularly in the vicinity of pre cooling channel should be undertaken as it would enhance the rate if dissipation to atmosphere.	CGPL has done plantation in the vicinity of the channel, additionally CGPL has developed mangroves on 1000 Ha at Kantiyajal Bharuch in association with Gujarat Ecology Commission.
9.	Effective steps shall be taken to ensure that there are no adverse effects on the shoreline wing during construction and operation of the channel.	Complied, all Effective steps has been taken to ensure that there are no adverse effects on the shoreline wing during construction and operation of the channel, like Construction of Diaphragm wall and protection with geo membrane and stone pitching at the beginning of outer discharge channel (Dredged channel) to avoid shore line erosion.

10.	Mangrove in the area will not be destroyed in any manner.	No mangrove has been destroyed in any manner. The area of outfall channel was devoid of mangroves as confirmed by NIO during their Marine Impact Assessment.
11.	Mangrove plantation should be taken up along the channel.	CGPL has done plantation in the vicinity of the channel, additionally CGPL has developed mangroves on 1000 Ha at Kantiyajal Bharuch in association with Gujarat Ecology Commission.
12.	Bunds may be designed and constructed to ensure minimum obstruction to the tidal flow.	Complied, Bunds have designed and constructed to ensure minimum obstruction to the tidal flow
13.	The water quality should be monitored, and stipulated values be maintained all time by taking suitable measures	Water quality at outfall channel is regularly monitored to ensure that the discharged cooling water quality meets the stipulated values. The monitoring data in linked CPCB.
14.	The intake and outfall systems should not cause any hardship to the local fishermen and should not interfere with the breeding and spawning grounds of fish and other marine fauna.	Complied, all necessary precautions has been taken for easy movement of fisherman and not interfering with the breeding and spawning grounds of fish and other marine fauna. Moreover, CGPL is implementing Sagarbandhu Program for the integrated development of the fishermen community which is appreciated by all the stakeholders The temperature of outfall is well within prescribed norms.
15.	The channel should be constructed in such a manner that no percolation takes place to the ground water	The concrete channel constructed is lined with impervious material to ensure no percolation out cooling water takes place to the ground water.
16.	No landfill sites shall be located in Coastal Regulation Zone areas. The sediment removed from the channel shall be disposed of in the identified landfill sites approved by Gujarat State Pollution Control Board.	Complied, dredging spoil is disposed off outside the CRZ Area
17.	It shall be ensured that the cooling water before discharged shall confirm to the standards laid down by GPCB & CPCB.	Water quality at outfall channel is regularly monitored to ensure that the discharged cooling water quality meets the stipulated values.
18.	The project affected people, if any should be properly compensated and rehabilitated.	Noted But to state that there is no project effected person as such. The land had been acquired by PFC through willing seller and willing buyer concept and adequately compensated more than the prevailing market rate at the time of acquisition of the land by PFC ( GOI)

**CRZ clearance vide letter No.11-11/2007-IA-III, dated 25<sup>th</sup> April ,2007 from MoEF &CC**

**General Conditions**

1.	Construction of the proposed structure should be undertaken meticulously confirming to the local and central rules and regulation including Coastal Regulating Zone Notification 1991 and its amendments. All the construction designs relating to the proposed construction activities must have approvals of the concerned State Government Departments/Agencies.	Complied, Construction has been completed adhering to Coastal Regulating Zone Notification 1991 and its amendments.
2.	A well-equipped laboratory with suitable instruments to monitor the quality of air and water shall be set up so as to ensure that the quality of ambient air and water conforms to the prescribed standards. The laboratory will also be equipped with qualified manpower including a marine biologist so that the marine water quality is regularly monitored in order to ensure that the marine life quality is regularly monitored in order to ensure that the marine life is not adversely affected as a result of implementation of the said project. The sedimentation pollution in the proposed channel shall be studied regularly has necessary mechanics taken for removal of such sediments. The quality of ambient air and water shall be monitored periodically to all the seasons and the results should be properly maintained for the inspection of the concerned pollution control agencies. The periodic monitoring reports at least once in 6 months must be sent to this Ministry (regional office at Bhopal) and State Pollution Control Board.	Complying, CGPL has engaged 3 <sup>rd</sup> party M/s Kadam Environment a MoEF, NABL & NABET approved lab. Following activities are being done by the agency:- Ambient Air Quality Monitoring, Trade Effluent Quality analysis, STP Treated Effluent Quality Monitoring, Condenser Cooling Water Monitoring Report, Sea Water Quality Monitoring, Surface water Quality monitoring, Ground Water Quality Monitoring, Marine Monitoring and Ecological Survey, Stack Emission Monitoring & Soil Quality Monitoring Report
3.	The project authorities should take appropriate community development and welfare measures for the villagers in the vicinity of the project site, including drinking water facilities. A separate fund should be allocate for this purpose.	Complied, CGPL is implementing comprehensive Community development program in the vicinity with active involvement of the partner NGOs. All the program address the various strategic needs of the community through very scientific and systematic manner which includes Livelihood, Basic needs and Social Capital and infrastructure which includes Livelihood generation, Women Empowerment, Water management, provision of RO units in the community and all the schools, Health, Education, Drinking water, sanitation etc. on sustainable manner.
4.	The quarrying material required for construction purpose shall be obtained only from the approved quarries areas. Adequate safeguard measures shall be taken to ensure that the overburden and rocks active quarry site does not find their way into water bodies	Complied, adequate safeguard measures have been taken to ensure that the overburden and rocks active quarry site does not find their way into water bodies.
5.	For employing unskilled, semi-skilled and skilled workers for the project, preference shall be given to local people.	Complying with, CGPL has provided job opportunity to the local on the eligibility basis.
6.	The recommendation made in Environment Management Plan and Disaster Management Plan, as complied in the Environment Impact Assessment and Risk Analysis Reports of the project shall be effectively implemented.	Complying with the recommendation made in Environment Management Plan and Disaster Management Plan.

7.	A separate Environment Management Cell with suitably staff to carry out various environment related functions should be set up under the charge of a senior executive of the company.	Complying with, CGPL has Environment Management Cell with qualified staff.
8.	The funds earmarked for environment protection measures, should be maintained in a separate account and there should be no diversion of these funds for any other purpose. A year wise expenditure on environment safeguard should be reported to this ministry	Complied. Expenditure on environment safeguard for 2012-13 has been submitted to MoEF vide letter No. CGPL/UMPP/ENV/ MoEF/3495 dated April 20, 2013.
9.	Full support should be extended to the officers of this Ministry's Regional Office at Bhopal and the officers of the Central and State Pollution Control Boards by the project proponents during their inspection for monitoring purpose, by furnishing full details their inspection for monitoring purposes, by furnishing full details and action plans including the action taken reports in respect of mitigating measures and other environmental protection activities.	Noted
10.	This ministry reserves the right to revoke this clearance, if any of the conditions stipulated are not complied with to the satisfaction of the Ministry.	Noted
11.	The ministry or any other competent authority may stipulates any other additional condition subsequently or defined necessary, for environmental protection, which shall be complied with.	Noted
12.	The project proponent should advertise at least in 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 letters are available with the State Pollution Control Board and may also be seen at Website of the Ministry of Environment & Forests at www. nic.in	Complied. The advertisement has been published in "Kutch Mitra and The Times of India" dated 08/06/2007.
13.	The project should inform the Regional office as well as the Ministry the date of Financial Closures and final approve of the project by the concerned authorities and the date of start of Land development work.	Financial Closures and final approve of the project has already been informed.

**Amendment in CRZ Clearance vide Letter No.11-11/207-IA-III dated 09/03/2010**

## Conditions stipulated in Amendment to CRZ Clearance

1.	All other conditions shall remain same as stipulated earlier in the Clearance letter dated 25.04.2007 and shall be effectively implemented.	Noted
2.	All the conditions stipulated by Govt. of Gujarat vide letter No. env-10-2006-184-E, Dated 14.09.2009 shall be strictly complied with.	Noted
3.	Regular monitoring for thermal dispersion shall be carried out and report shall be submitted to the Ministry.	Complying, regular monitoring for temperature is done and data linked with CPCB
4.	Post operation monitoring shall be carried out to study the proto model conformity and the results shall be submitted to the Ministry	Complied
5.	All the roads within and outside the complex shall be all weather road.	Complied, all the roads within and outside the complex are weather road.
6.	The ambient temperature of the disposal shall reach within 500m distance from the disposal point.	Complied
7.	A copy of the clearance letter shall be sent by the proponent to be concerned Panchayat, zilla Parishad/ municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestion/ Representation, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Clearance letter are available on company's website <a href="http://www.tatapower.com">www.tatapower.com</a>
8.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely, SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	The status of compliance of the stipulated EC conditions, including results of monitored data has been uploaded on company's website and is also submitted to MoEF, CPCB and GPCB.  As mentioned, SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) are displayed at the Main gate of CGPL in public domain.
9.	The project proponent shall also submit 6 monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data) both in hard copies as well as by email) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Half yearly reports on the status EC of compliance is submitted to Regional Office of MoEF, CPCB and GPCB.
10.	The environmental statement for each financial year ending 31st March in Form - V as in mandated to be submitted by the project proponent to the concerned State Pollution control Board as prescribed under the Environment (Protection) Rules 1986 as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional offices of MoEF by e-mail.	Complying with, the environmental statement for each financial year ending 31st March in Form - V is available on our website and sent to MoEF by e-mail.

Annexure 1

Ambient Noise Monitoring

Month- April			
Location	Date	Leq. Day	Leq. Night
Unit		dB(A)	dB(A)
Main Gate	4/1/2022	55.0	44.2
Intake Channel	4/2/2022	62.9	54.2
CGPL Hostel	4/3/2022	53.0	43.5
Near STP	4/4/2022	63.8	54.1
Month - May			
Location	Date	Leq. Day	Leq. Night
Unit		dB(A)	dB(A)
Main Gate	5/1/2022	56.3	44.7
Intake Channel	5/2/2022	64.8	55.0
CGPL Hostel	5/3/2022	52.6	42.7
Near STP	5/4/2022	64.0	54.5
Month - June			
Location	Date	Leq. Day	Leq. Night
Unit		dB(A)	dB(A)
Main Gate	6/2/2022	54.3	43.8
Intake Channel	6/3/2022	62.2	54
CGPL Hostel	6/4/2022	53.2	43.3
Near STP	6/5/2022	64.0	54.5

Month- July			
Location	Date	Leq Day	Leq Night
Unit		dB(A)	dB(A)
Main Gate	7/1/2022	54.9	44.6
Intake Channel	7/2/2022	63.6	54.8
CGPL Hostel	7/5/2022	54.0	42.8
Near STP	7/6/2022	63.7	54.0
Month - August			
Location	Date	Leq Day	Leq Night
Unit		dB(A)	dB(A)
Main Gate	8/1/2022	53.6	43.9
Intake Channel	8/2/2022	62.5	53.6
CGPL Hostel	8/4/2022	52.8	42.4
Near STP	8/5/2022	62.6	53.7
Month - September			
Location	Date	Leq Day	Leq Night
Unit		dB(A)	dB(A)
Main Gate	9/1/2022	54.8	44.7
Intake Channel	9/2/2022	61.2	54.3
CGPL Hostel	9/3/2022	51.1	42.9
Near STP	9/4/2022	66.1	52.3



**Annexure 2**

**Ambient Air Quality Monitoring**

Location	CGPL Main Gate											
	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	SO <sub>2</sub>	O <sub>3</sub>	NH <sub>3</sub>	CO	C <sub>6</sub> H <sub>6</sub>	BaP	Pb	As	Ni
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
20/03/22	78.3	34.8	18.3	11.6	2.9	4.3	BDL	BDL	BDL	BDL	BDL	BDL
22/03/22	73.2	31.5	17.2	10.2	3.0	4.8	BDL	BDL	BDL	BDL	BDL	BDL
24/03/22	79.6	35.7	18.9	12.0	2.6	4.9	BDL	BDL	BDL	BDL	BDL	BDL
26/03/22	71.3	30.8	19.2	11.3	2.5	4.0	BDL	BDL	BDL	BDL	BDL	BDL
28/03/22	74.3	32.1	18.4	11.7	2.1	4.6	BDL	BDL	BDL	BDL	BDL	BDL
30/03/22	70.5	28.5	18.7	10.4	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
01/04/22	73.7	32.6	18.2	10.7	2.3	4.8	BDL	BDL	BDL	BDL	BDL	BDL
03/04/22	77.9	34.8	17.3	11.2	2.8	5.0	BDL	BDL	BDL	BDL	BDL	BDL
05/04/22	80.0	36.1	17.2	11.8	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
07/04/22	78.1	31.9	18.9	10.5	2.1	4.6	BDL	BDL	BDL	BDL	BDL	BDL
09/04/22	72.5	30.4	18.4	12.1	2.6	4.1	BDL	BDL	BDL	BDL	BDL	BDL
11/04/22	68.3	27.2	18.2	10.5	2.7	4.8	BDL	BDL	BDL	BDL	BDL	BDL
13/04/22	71.4	32.9	17.8	10.2	2.3	4.8	BDL	BDL	BDL	BDL	BDL	BDL
15/04/22	70.7	31.0	17.4	10.6	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
17/04/22	76.4	34.6	18.3	11.0	2.1	4.1	BDL	BDL	BDL	BDL	BDL	BDL
19/04/22	79.1	33.3	18.0	11.3	2.7	4.8	BDL	BDL	BDL	BDL	BDL	BDL
21/04/22	73.2	33.4	18.2	11.7	2.8	4.9	BDL	BDL	BDL	BDL	BDL	BDL
23/04/22	68.4	30.6	18.3	12.3	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
25/04/22	61.9	31.4	17.9	11.5	2.9	4.7	BDL	BDL	BDL	BDL	BDL	BDL
27/04/22	69.4	34.0	18.3	11.9	2.6	4.5	BDL	BDL	BDL	BDL	BDL	BDL
29/04/22	74.0	36.4	18.9	11.6	2.8	4.3	BDL	BDL	BDL	BDL	BDL	BDL
01/05/22	78.3	32.9	18.3	10.4	3.0	4.8	BDL	BDL	BDL	BDL	BDL	BDL
03/05/22	84.9	38.6	18.6	11.7	2.4	4.7	BDL	BDL	BDL	BDL	BDL	BDL
05/05/22	85.1	39.1	18.9	10.3	2.8	3.9	BDL	BDL	BDL	BDL	BDL	BDL
07/05/22	80.3	38.2	19.1	10.8	2.6	4.1	BDL	BDL	BDL	BDL	BDL	BDL
09/05/22	83.8	35.4	18.3	11.3	2.9	4.8	BDL	BDL	BDL	BDL	BDL	BDL
11/05/22	76.1	34.2	18.5	12.0	2.7	4.7	BDL	BDL	BDL	BDL	BDL	BDL
13/05/22	78.7	33.9	17.8	11.5	2.5	4.9	BDL	BDL	BDL	BDL	BDL	BDL
15/05/22	74.9	32.7	18.0	11.7	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL

17/05/22	82.7	38.1	18.3	10.6	2.9	4.8	BDL	BDL	BDL	BDL	BDL	BDL
19/05/22	80.2	39.5	18.0	11.0	2.4	4.6	BDL	BDL	BDL	BDL	BDL	BDL
21/05/22	80.6	37.4	18.3	10.3	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL
23/05/22	79.4	35.8	18.9	10.6	2.7	4.9	BDL	BDL	BDL	BDL	BDL	BDL
25/05/22	73.5	33.9	18.2	9.8	3.0	4.5	BDL	BDL	BDL	BDL	BDL	BDL
27/05/22	70.1	32.1	19.0	11.3	2.6	4.7	BDL	BDL	BDL	BDL	BDL	BDL
29/05/22	74.7	34.7	19.1	11.5	2.8	5.0	BDL	BDL	BDL	BDL	BDL	BDL
31/05/22	82.8	38.6	18.4	12.0	2.4	4.6	BDL	BDL	BDL	BDL	BDL	BDL
02/06/22	80.2	35.3	18.5	11.4	2.6	4.8	BDL	BDL	BDL	BDL	BDL	BDL
04/06/22	78.9	34.1	18.2	10.9	2.4	4.7	BDL	BDL	BDL	BDL	BDL	BDL
08/06/22	72.6	31.8	18.8	9.5	2.7	4.6	BDL	BDL	BDL	BDL	BDL	BDL
10/06/22	76.8	32.4	18.3	9.9	2.4	4.9	BDL	BDL	BDL	BDL	BDL	BDL
12/06/22	74.2	35.7	17.8	10.3	2.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL
14/06/22	78.1	32.1	18.3	10.8	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL
16/06/22	76.3	34.9	18.0	10.4	2.6	4.5	BDL	BDL	BDL	BDL	BDL	BDL
18/06/22	77.4	33.5	18.6	10.6	3.0	4.8	BDL	BDL	BDL	BDL	BDL	BDL
20/06/22	76.3	36.4	18.6	11.4	2.9	4.7	BDL	BDL	BDL	BDL	BDL	BDL
22/06/22	73.5	32.1	18.3	11.7	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
24/06/22	76.1	33.8	18.9	10.9	2.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL
26/06/22	57.6	23.5	18.3	10.2	2.4	4.1	BDL	BDL	BDL	BDL	BDL	BDL
28/06/22	53.1	21.6	16.3	9.8	2.1	4.0	BDL	BDL	BDL	BDL	BDL	BDL
30/06/22	35.3	18.8	14.2	7.3	1.8	3.5	BDL	BDL	BDL	BDL	BDL	BDL
02/07/22	28.5	13.2	8.4	6.4	1.5	2.8	BDL	BDL	BDL	BDL	BDL	BDL
04/07/22	19.3	8.4	8.2	6.3	1.8	2.4	BDL	BDL	BDL	BDL	BDL	BDL
06/07/22	21.6	10.1	7.9	6.7	1.7	2.7	BDL	BDL	BDL	BDL	BDL	BDL
08/07/22	20.3	9.3	7.5	6.9	1.6	2.5	BDL	BDL	BDL	BDL	BDL	BDL
10/07/22	24.1	10.4	7.9	6.5	1.9	2.9	BDL	BDL	BDL	BDL	BDL	BDL
12/07/22	20.7	8.4	7.3	6.6	1.8	2.7	BDL	BDL	BDL	BDL	BDL	BDL
14/07/22	27.5	10.3	8.1	7.0	2.1	3.1	BDL	BDL	BDL	BDL	BDL	BDL
16/07/22	29.1	11.4	8.4	7.2	2.0	3.3	BDL	BDL	BDL	BDL	BDL	BDL
18/07/22	30.7	12.2	8.2	7.1	1.8	3.6	BDL	BDL	BDL	BDL	BDL	BDL
20/07/22	34.2	15.4	11.6	9.5	2.1	3.8	BDL	BDL	BDL	BDL	BDL	BDL
22/07/22	32.5	14.3	11.2	8.6	2.3	4.0	BDL	BDL	BDL	BDL	BDL	BDL
24/07/22	26.4	10.7	9.4	8.0	1.9	3.5	BDL	BDL	BDL	BDL	BDL	BDL

26/07/22	28.8	12.9	10.0	8.9	2.4	3.9	BDL	BDL	BDL	BDL	BDL	BDL
28/07/22	29.1	13.2	9.5	7.6	1.8	4.1	BDL	BDL	BDL	BDL	BDL	BDL
30/07/22	31.2	13.0	12.6	10.4	2.8	4.3	BDL	BDL	BDL	BDL	BDL	BDL
01/08/22	30.5	15.8	14.7	10.8	2.5	3.9	BDL	BDL	BDL	BDL	BDL	BDL
03/08/22	40.8	17.7	15.8	11.3	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL
05/08/22	49.1	23.1	17.3	10.4	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
07/08/22	54.7	27.6	17.9	11.7	3.0	4.7	BDL	BDL	BDL	BDL	BDL	BDL
09/08/22	50.3	23.5	18.0	10.3	3.1	4.5	BDL	BDL	BDL	BDL	BDL	BDL
11/08/22	24.1	11.9	9.4	6.8	1.8	3.7	BDL	BDL	BDL	BDL	BDL	BDL
13/08/22	25.7	13.2	10.0	6.3	2.0	3.9	BDL	BDL	BDL	BDL	BDL	BDL
15/08/22	31.9	13.3	9.4	7.8	2.3	4.0	BDL	BDL	BDL	BDL	BDL	BDL
17/08/22	24.8	11.7	8.0	6.6	1.9	3.7	BDL	BDL	BDL	BDL	BDL	BDL
19/08/22	29.5	14.4	8.3	7.9	2.1	3.9	BDL	BDL	BDL	BDL	BDL	BDL
21/08/22	51.5	23.7	9.0	8.5	2.1	4.1	BDL	BDL	BDL	BDL	BDL	BDL
23/08/22	63.3	26.0	10.7	9.0	1.4	3.8	BDL	BDL	BDL	BDL	BDL	BDL
25/08/22	58.0	26.2	9.3	8.0	1.6	3.6	BDL	BDL	BDL	BDL	BDL	BDL
27/08/22	64.2	27.5	10.4	9.5	2.3	4.0	BDL	BDL	BDL	BDL	BDL	BDL
29/08/22	39.3	16.7	9.7	6.2	1.5	3.1	BDL	BDL	BDL	BDL	BDL	BDL
31/08/22	66.0	28.5	10.7	7.6	1.9	4.3	BDL	BDL	BDL	BDL	BDL	BDL
02/09/22	35.0	16.7	8.3	8.5	1.8	4.8	BDL	BDL	BDL	BDL	BDL	BDL
04/09/22	38.2	17.5	7.3	6.6	2.4	3.9	BDL	BDL	BDL	BDL	BDL	BDL
06/09/22	30.4	14.7	10.0	7.1	2.3	4.2	BDL	BDL	BDL	BDL	BDL	BDL
08/09/22	47.9	19.7	8.0	7.6	1.5	3.6	BDL	BDL	BDL	BDL	BDL	BDL
10/09/22	28.0	12.5	12.0	7.1	1.2	3.1	BDL	BDL	BDL	BDL	BDL	BDL
12/09/22	16.4	7.0	8.3	6.6	2.3	3.9	BDL	BDL	BDL	BDL	BDL	BDL
14/09/22	22.5	11.2	10.0	8.5	1.9	3.7	BDL	BDL	BDL	BDL	BDL	BDL
16/09/22	17.1	8.5	8.7	8.0	1.7	3.4	BDL	BDL	BDL	BDL	BDL	BDL
18/09/22	26.0	10.5	8.0	7.6	2.4	3.5	BDL	BDL	BDL	BDL	BDL	BDL

Location	Field Hostel											
Date of Sampling	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	SO <sub>2</sub>	O <sub>3</sub>	NH <sub>3</sub>	CO	C <sub>6</sub> H <sub>6</sub>	BaP	Pb	As	Ni
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
20/03/22	62.1	26.5	17.3	10.4	2.1	4.1	BDL	BDL	BDL	BDL	BDL	BDL
22/03/22	59.7	24.1	18.5	10.5	2.6	4.0	BDL	BDL	BDL	BDL	BDL	BDL
24/03/22	64.1	27.6	17.2	11.4	2.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL
26-03/22	60.5	29.1	17.5	10.7	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
28/03/22	63.9	25.4	18.9	9.3	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
30/03/22	67.1	28.6	18.3	9.7	2.3	4.2	BDL	BDL	BDL	BDL	BDL	BDL
01/04/22	68.3	21.8	17.3	10.3	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
03/04/22	62.1	25.4	17.0	10.6	2.1	4.7	BDL	BDL	BDL	BDL	BDL	BDL
05/04/22	59.6	24.6	18.3	9.6	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
07/04/22	57.2	26.4	18.6	10.2	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL
09/04/22	55.8	27.1	17.3	10.7	2.3	4.8	BDL	BDL	BDL	BDL	BDL	BDL
11/04/22	59.1	23.6	17.8	10.9	2.6	4.1	BDL	BDL	BDL	BDL	BDL	BDL
13/04/22	62.4	28.5	16.9	11.4	2.9	4.5	BDL	BDL	BDL	BDL	BDL	BDL
15/04/22	64.1	29.6	18.0	11.0	2.3	4.3	BDL	BDL	BDL	BDL	BDL	BDL
17/04/22	61.0	24.3	18.3	9.4	2.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL
19/04/22	64.8	30.1	17.5	10.2	2.1	4.3	BDL	BDL	BDL	BDL	BDL	BDL
21/04/22	73.2	33.4	18.2	11.7	2.8	4.9	BDL	BDL	BDL	BDL	BDL	BDL
23/04/22	68.4	30.6	18.3	12.3	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
25/04/22	61.9	31.4	17.9	11.5	2.9	4.7	BDL	BDL	BDL	BDL	BDL	BDL
27/04/22	69.4	34.0	18.3	11.9	2.6	4.5	BDL	BDL	BDL	BDL	BDL	BDL
29/04/22	74.0	36.4	18.9	11.6	2.8	4.3	BDL	BDL	BDL	BDL	BDL	BDL
01/05/22	78.3	32.9	18.3	10.4	3.0	4.8	BDL	BDL	BDL	BDL	BDL	BDL
03/05/22	84.9	38.6	18.6	11.7	2.4	4.7	BDL	BDL	BDL	BDL	BDL	BDL
05/05/22	85.1	39.1	18.9	10.3	2.8	3.9	BDL	BDL	BDL	BDL	BDL	BDL
07/05/22	80.3	38.2	19.1	10.8	2.6	4.1	BDL	BDL	BDL	BDL	BDL	BDL
09/05/22	83.8	35.4	18.3	11.3	2.9	4.8	BDL	BDL	BDL	BDL	BDL	BDL
11/05/22	76.1	34.2	18.5	12.0	2.7	4.7	BDL	BDL	BDL	BDL	BDL	BDL
13/05/22	78.7	33.9	17.8	11.5	2.5	4.9	BDL	BDL	BDL	BDL	BDL	BDL
15/05/22	74.9	32.7	18.0	11.7	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
17/05/22	82.7	38.1	18.3	10.6	2.9	4.8	BDL	BDL	BDL	BDL	BDL	BDL

19/05/22	80.2	39.5	18.0	11.0	2.4	4.6	BDL	BDL	BDL	BDL	BDL	BDL
21/05/22	59.6	25.4	17.5	9.5	2.4	4.6	BDL	BDL	BDL	BDL	BDL	BDL
23/05/22	57.6	23.7	17.5	9.5	2.4	4.6	BDL	BDL	BDL	BDL	BDL	BDL
25/05/22	54.2	22.1	17.9	10.6	2.6	4.1	BDL	BDL	BDL	BDL	BDL	BDL
27/05/22	50.6	20.4	18.0	9.8	2.9	4.5	BDL	BDL	BDL	BDL	BDL	BDL
29/05/22	54.8	22.5	18.4	10.4	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL
31/05/22	52.4	23.6	18.2	10.8	1.9	4.4	BDL	BDL	BDL	BDL	BDL	BDL
02/06/22	51.0	19.7	17.6	10.2	2.2	4.1	BDL	BDL	BDL	BDL	BDL	BDL
04/06/22	52.8	20.1	17.9	9.4	2.0	4.3	BDL	BDL	BDL	BDL	BDL	BDL
08/06/22	54.7	21.8	18.7	10.8	2.1	4.6	BDL	BDL	BDL	BDL	BDL	BDL
10/06/22	55.1	23.5	18.0	11.2	2.7	4.2	BDL	BDL	BDL	BDL	BDL	BDL
12/06/22	62.1	27.6	18.3	11.6	2.4	4.5	BDL	BDL	BDL	BDL	BDL	BDL
14/06/22	64.7	27.0	17.8	10.8	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL
16/06/22	60.5	25.4	18.0	10.3	2.2	4.0	BDL	BDL	BDL	BDL	BDL	BDL
18/06/22	56.2	23.3	18.2	9.3	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL
20/06/22	58.3	26.4	18.5	11.5	2.6	4.7	BDL	BDL	BDL	BDL	BDL	BDL
22/06/22	60.1	27.1	17.8	10.7	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
24/06/22	54.4	21.5	17.3	10.4	2.5	4.5	BDL	BDL	BDL	BDL	BDL	BDL
26/06/22	56.7	24.7	17.9	10.8	2.1	4.2	BDL	BDL	BDL	BDL	BDL	BDL
28/06/22	30.6	13.6	12.0	7.3	1.8	3.7	BDL	BDL	BDL	BDL	BDL	BDL
30/06/22	25.4	10.7	10.4	7.1	1.7	3.2	BDL	BDL	BDL	BDL	BDL	BDL
02/07/22	24.3	10.4	10.8	7.0	1.5	3.5	BDL	BDL	BDL	BDL	BDL	BDL
04/07/22	18.5	8.4	8.9	6.5	1.6	2.7	BDL	BDL	BDL	BDL	BDL	BDL
06/07/22	19.3	8.9	9.3	6.8	1.8	2.5	BDL	BDL	BDL	BDL	BDL	BDL
08/07/22	20.5	9.1	9.5	6.7	1.7	2.9	BDL	BDL	BDL	BDL	BDL	BDL
10/07/22	19.2	8.9	9.2	6.5	1.6	2.8	BDL	BDL	BDL	BDL	BDL	BDL
12/07/22	22.5	9.6	10.4	7.2	1.8	3.0	BDL	BDL	BDL	BDL	BDL	BDL
14/07/22	25.4	10.4	11.2	7.5	2.0	3.2	BDL	BDL	BDL	BDL	BDL	BDL
16/07/22	27.3	11.6	12.6	7.3	2.1	3.5	BDL	BDL	BDL	BDL	BDL	BDL
18/07/22	23.1	10.8	10.4	8.0	2.0	3.1	BDL	BDL	BDL	BDL	BDL	BDL
20/07/22	25.4	12.1	10.4	7.4	1.8	3.8	BDL	BDL	BDL	BDL	BDL	BDL
22/07/22	23.1	11.9	10.8	7.9	2.0	3.9	BDL	BDL	BDL	BDL	BDL	BDL
24/07/22	19.5	9.4	8.3	6.5	1.8	3.2	BDL	BDL	BDL	BDL	BDL	BDL
26/07/22	25.8	10.4	8.1	6.9	2.1	3.6	BDL	BDL	BDL	BDL	BDL	BDL

28/07/22	27.3	12.5	8.9	6.1	2.4	4.0	BDL	BDL	BDL	BDL	BDL	BDL
30/07/22	25.1	12.2	9.3	7.3	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL
01/08/22	28.4	13.7	10.4	7.1	2.6	3.9	BDL	BDL	BDL	BDL	BDL	BDL
03/08/22	30.1	14.8	10.7	7.9	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL
05/08/22	32.5	14.5	9.4	6.8	2.1	4.2	BDL	BDL	BDL	BDL	BDL	BDL
07/08/22	35.7	16.4	10.4	7.7	2.0	4.1	BDL	BDL	BDL	BDL	BDL	BDL
09/08/22	33.7	15.9	9.9	6.5	2.4	3.9	BDL	BDL	BDL	BDL	BDL	BDL
11/08/22	19.8	8.7	7.2	6.2	1.8	3.2	BDL	BDL	BDL	BDL	BDL	BDL
13/08/22	21.7	9.3	7.8	6.0	2.0	3.4	BDL	BDL	BDL	BDL	BDL	BDL
15/08/22	27.4	12.6	8.3	6.8	2.3	3.6	BDL	BDL	BDL	BDL	BDL	BDL
17/08/22	24.3	10.8	8.9	7.1	2.1	3.3	BDL	BDL	BDL	BDL	BDL	BDL
19/08/22	30.7	14.2	9.3	7.4	2.2	3.9	BDL	BDL	BDL	BDL	BDL	BDL
21/08/22	51.5	23.7	9.0	8.5	2.1	4.1	BDL	BDL	BDL	BDL	BDL	BDL
23/08/22	63.3	26.0	10.7	9.0	1.4	3.8	BDL	BDL	BDL	BDL	BDL	BDL
25/08/22	58.0	26.2	9.3	8.0	1.6	3.6	BDL	BDL	BDL	BDL	BDL	BDL
27/08/22	64.2	27.5	10.4	9.5	2.3	4.0	BDL	BDL	BDL	BDL	BDL	BDL
29/08/22	39.3	16.7	9.7	6.2	1.5	3.1	BDL	BDL	BDL	BDL	BDL	BDL
31/08/22	66.0	28.5	10.7	7.6	1.9	4.3	BDL	BDL	BDL	BDL	BDL	BDL
02/09/22	35.0	16.7	8.3	8.5	1.8	4.8	BDL	BDL	BDL	BDL	BDL	BDL
04/09/22	38.2	17.5	7.3	6.6	2.4	3.9	BDL	BDL	BDL	BDL	BDL	BDL
06/09/22	30.4	14.7	10.0	7.1	2.3	4.2	BDL	BDL	BDL	BDL	BDL	BDL
08/09/22	47.9	19.7	8.0	7.6	1.5	3.6	BDL	BDL	BDL	BDL	BDL	BDL
10/09/22	28.0	12.5	12.0	7.1	1.2	3.1	BDL	BDL	BDL	BDL	BDL	BDL
12/09/22	16.4	7.0	8.3	6.6	2.3	3.9	BDL	BDL	BDL	BDL	BDL	BDL
14/09/22	22.5	11.2	10.0	8.5	1.9	3.7	BDL	BDL	BDL	BDL	BDL	BDL
16/09/22	17.1	8.5	8.7	8.0	1.7	3.4	BDL	BDL	BDL	BDL	BDL	BDL
18/09/22	26.0	10.5	8.0	7.6	2.4	3.5	BDL	BDL	BDL	BDL	BDL	BDL

Location	Labour Colony											
Date of Sampling	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	SO <sub>2</sub>	O <sub>3</sub>	NH <sub>3</sub>	CO	C <sub>6</sub> H <sub>6</sub>	BaP	Pb	As	Ni
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
20/03/2022	56.4	23.1	17.3	9.4	2.0	4.3	BDL	BDL	BDL	BDL	BDL	BDL
22/03/2022	60.4	27.5	16.9	9.0	2.1	4.2	BDL	BDL	BDL	BDL	BDL	BDL
24/03/2022	64.3	25.4	17.3	9.3	2.4	4.0	BDL	BDL	BDL	BDL	BDL	BDL
26/03/2022	61.2	29.0	17.2	9.7	2.3	4.2	BDL	BDL	BDL	BDL	BDL	BDL
28/03/2022	58.6	24.3	16.4	10.2	1.9	4.5	BDL	BDL	BDL	BDL	BDL	BDL
30/03/2022	64.1	27.1	16.8	10.5	2.0	3.9	BDL	BDL	BDL	BDL	BDL	BDL
01/04/2022	60.8	25.4	16.3	9.4	2.4	3.8	BDL	BDL	BDL	BDL	BDL	BDL
03/04/2022	62.4	22.8	16.9	9.7	2.3	4.0	BDL	BDL	BDL	BDL	BDL	BDL
05/04/2022	67.2	25.2	17.0	10.2	2.1	4.5	BDL	BDL	BDL	BDL	BDL	BDL
07/04/2022	62.8	27.5	17.5	10.6	2.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL
09/04/2022	66.5	23.8	17.2	9.3	2.1	4.3	BDL	BDL	BDL	BDL	BDL	BDL
11/04/2022	61.3	27.4	17.8	9.7	2.6	4.5	BDL	BDL	BDL	BDL	BDL	BDL
13/04/2022	60.8	22.8	17.3	9.2	2.4	4.0	BDL	BDL	BDL	BDL	BDL	BDL
15/04/2022	59.3	21.7	16.9	10.8	2.3	4.3	BDL	BDL	BDL	BDL	BDL	BDL
17/04/2022	58.2	20.8	17.2	10.3	2.0	4.2	BDL	BDL	BDL	BDL	BDL	BDL
19/04/2022	63.1	24.6	17.0	9.9	2.1	4.4	BDL	BDL	BDL	BDL	BDL	BDL
21/04/2022	66.2	24.5	17.4	9.4	2.3	4.3	BDL	BDL	BDL	BDL	BDL	BDL
23/04/2022	68.4	28.4	17.2	10.8	2.1	4.2	BDL	BDL	BDL	BDL	BDL	BDL
25/04/2022	61.3	24.3	17.9	10.5	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
27/04/2022	59.7	23.1	18.3	9.2	2.3	4.3	BDL	BDL	BDL	BDL	BDL	BDL
29/04/2022	56.1	21.9	18.5	10.6	2.6	4.7	BDL	BDL	BDL	BDL	BDL	BDL
01/05/2022	66.8	26.3	17.4	9.8	2.1	4.5	BDL	BDL	BDL	BDL	BDL	BDL
03/05/2022	67.3	28.4	17.2	9.3	2.7	4.6	BDL	BDL	BDL	BDL	BDL	BDL
05/05/2022	62.6	29.0	18.0	10.6	2.6	4.2	BDL	BDL	BDL	BDL	BDL	BDL
07/05/2022	57.4	24.6	16.8	9.3	2.4	4.7	BDL	BDL	BDL	BDL	BDL	BDL
09/05/2022	59.8	27.1	17.4	9.6	2.7	4.8	BDL	BDL	BDL	BDL	BDL	BDL
11/05/2022	60.6	24.5	16.9	10.2	2.1	4.5	BDL	BDL	BDL	BDL	BDL	BDL
13/05/2022	61.3	23.8	17.8	8.9	2.2	4.2	BDL	BDL	BDL	BDL	BDL	BDL
15/05/2022	67.4	26.5	17.3	9.7	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
17/05/2022	63.5	24.3	16.5	10.5	2.3	4.6	BDL	BDL	BDL	BDL	BDL	BDL

19/05/2022	69.8	26.9	16.9	10.4	2.1	4.9	BDL	BDL	BDL	BDL	BDL	BDL
21/05/2022	63.1	29.5	17.3	10.3	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
23/05/2022	64.8	28.0	17.9	9.5	2.1	4.1	BDL	BDL	BDL	BDL	BDL	BDL
25/05/2022	67.5	29.5	18.3	9.7	2.5	4.5	BDL	BDL	BDL	BDL	BDL	BDL
27/05/2022	62.9	30.2	18.9	10.2	2.3	4.2	BDL	BDL	BDL	BDL	BDL	BDL
29/05/2022	59.1	26.4	18.4	10.4	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
31/05/2022	58.6	23.8	17.8	9.6	2.3	4.3	BDL	BDL	BDL	BDL	BDL	BDL
02/06/2022	60.7	27.7	17.3	9.3	2.2	4.1	BDL	BDL	BDL	BDL	BDL	BDL
04/06/2022	62.4	28.1	17.5	10.7	2.1	4.0	BDL	BDL	BDL	BDL	BDL	BDL
06/06/2022	65.8	29.0	17.9	10.9	2.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL
08/06/2022	67.1	29.6	18.0	10.3	2.4	4.7	BDL	BDL	BDL	BDL	BDL	BDL
10/06/2022	68.3	30.9	18.3	10.5	2.1	4.3	BDL	BDL	BDL	BDL	BDL	BDL
12/06/2022	63.2	28.8	18.5	9.3	2.4	4.5	BDL	BDL	BDL	BDL	BDL	BDL
14/06/2022	59.1	26.7	17.6	9.8	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
16/06/2022	56.8	25.3	17.9	10.0	2.0	4.2	BDL	BDL	BDL	BDL	BDL	BDL
18/06/2022	60.5	26.4	18.1	10.3	1.9	4.6	BDL	BDL	BDL	BDL	BDL	BDL
20/06/2022	65.3	30.5	18.5	11.4	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL
22/06/2022	62.1	28.4	18.3	10.7	2.4	4.5	BDL	BDL	BDL	BDL	BDL	BDL
24/06/2022	63.7	29.1	17.5	10.8	2.6	4.1	BDL	BDL	BDL	BDL	BDL	BDL
26/06/2022	56.2	23.5	17.9	9.2	2.2	4.5	BDL	BDL	BDL	BDL	BDL	BDL
28/06/2022	32.6	17.4	13.2	8.4	2.0	4.0	BDL	BDL	BDL	BDL	BDL	BDL
30/06/2022	23.5	9.5	10.5	7.5	1.6	3.4	BDL	BDL	BDL	BDL	BDL	BDL
02/07/2022	20.6	8.3	9.4	6.7	1.9	3.2	BDL	BDL	BDL	BDL	BDL	BDL
04/07/2022	17.4	7.6	7.2	6.5	1.7	2.6	BDL	BDL	BDL	BDL	BDL	BDL
06/07/2022	18.3	8.3	7.5	6.3	1.8	2.8	BDL	BDL	BDL	BDL	BDL	BDL
08/07/2022	20.8	9.1	8.0	6.7	1.6	2.6	BDL	BDL	BDL	BDL	BDL	BDL
10/07/2022	18.2	8.5	7.4	6.9	1.9	2.9	BDL	BDL	BDL	BDL	BDL	BDL
12/07/2022	20.7	8.8	7.9	7.3	1.7	3.0	BDL	BDL	BDL	BDL	BDL	BDL
14/07/2022	22.3	9.7	8.2	7.5	2.0	3.2	BDL	BDL	BDL	BDL	BDL	BDL
16/07/2022	25.5	10.3	7.5	6.8	1.8	3.6	BDL	BDL	BDL	BDL	BDL	BDL
18/07/2022	26.8	10.7	8.7	6.9	2.1	3.4	BDL	BDL	BDL	BDL	BDL	BDL
20/07/2022	27.4	13.4	10.2	9.5	2.4	4.1	BDL	BDL	BDL	BDL	BDL	BDL
22/07/2022	24.3	11.8	9.4	8.6	2.0	3.8	BDL	BDL	BDL	BDL	BDL	BDL
24/07/2022	18.5	9.4	8.2	7.3	1.9	3.6	BDL	BDL	BDL	BDL	BDL	BDL



26/07/2022	28.4	13.5	10.4	8.5	1.8	3.9	BDL	BDL	BDL	BDL	BDL	BDL
28/07/2022	30.5	12.7	10.8	8.2	2.0	4.0	BDL	BDL	BDL	BDL	BDL	BDL
30/07/2022	31.4	14.9	11.4	9.5	2.1	3.7	BDL	BDL	BDL	BDL	BDL	BDL
01/08/2022	34.2	16.0	11.2	9.0	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL
03/08/2022	32.6	15.8	10.9	8.6	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL
05/08/2022	34.5	15.3	11.8	9.1	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
07/08/2022	36.1	17.8	12.0	9.6	2.4	4.5	BDL	BDL	BDL	BDL	BDL	BDL
09/08/2022	30.6	13.2	9.3	7.9	2.1	3.8	BDL	BDL	BDL	BDL	BDL	BDL
11/08/2022	20.3	9.5	8.4	7.3	1.9	3.6	BDL	BDL	BDL	BDL	BDL	BDL
13/08/2022	22.5	8.9	7.6	8.5	2.0	3.8	BDL	BDL	BDL	BDL	BDL	BDL
15/08/2022	28.7	10.4	8.3	8.7	2.4	4.0	BDL	BDL	BDL	BDL	BDL	BDL
17/08/2022	27.5	12.3	9.4	9.1	2.1	3.8	BDL	BDL	BDL	BDL	BDL	BDL
19/08/2022	30.9	14.2	9.8	9.3	2.0	3.9	BDL	BDL	BDL	BDL	BDL	BDL
21/08/2022	55.8	25.0	9.3	9.0	2.2	3.4	BDL	BDL	BDL	BDL	BDL	BDL
23/08/2022	63.6	26.0	10.0	9.5	2.0	3.7	BDL	BDL	BDL	BDL	BDL	BDL
25/08/2022	52.9	24.2	10.4	8.0	1.8	4.0	BDL	BDL	BDL	BDL	BDL	BDL
27/08/2022	31.8	14.7	9.7	7.1	1.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
29/08/2022	64.8	29.7	8.0	6.6	1.9	3.8	BDL	BDL	BDL	BDL	BDL	BDL
31/08/2022	30.3	13.5	10.7	6.2	1.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
2/09/2022	27.6	11.5	9.7	9.0	1.3	3.2	BDL	BDL	BDL	BDL	BDL	BDL
4/09/2022	39.6	18.2	8.3	7.6	2.3	3.8	BDL	BDL	BDL	BDL	BDL	BDL
6/09/2022	50.5	21.0	9.7	7.1	1.4	3.1	BDL	BDL	BDL	BDL	BDL	BDL
8/09/2022	30.2	14.0	9.0	6.6	1.8	3.5	BDL	BDL	BDL	BDL	BDL	BDL
10/09/2022	50.4	21.2	8.3	7.1	1.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL
12/09/2022	16.4	7.7	9.0	7.6	1.7	3.1	BDL	BDL	BDL	BDL	BDL	BDL
14/09/2022	18.5	9.7	8.7	8.5	1.9	3.8	BDL	BDL	BDL	BDL	BDL	BDL
16/09/2022	14.7	7.0	9.0	8.0	1.8	3.3	BDL	BDL	BDL	BDL	BDL	BDL
18/09/2022	20.1	9.5	9.7	6.2	1.6	4.4	BDL	BDL	BDL	BDL	BDL	BDL

Location	Tunda											
	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	SO <sub>2</sub>	O <sub>3</sub>	NH <sub>3</sub>	CO	C <sub>6</sub> H <sub>6</sub>	BaP	Pb	As	Ni
Date of Sampling	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
21/03/2022	62.3	26.3	18.3	11.0	2.8	3.9	BDL	BDL	BDL	BDL	BDL	BDL
24/03/2022	60.1	28.5	18.4	10.4	2.9	4.2	BDL	BDL	BDL	BDL	BDL	BDL
28/03/2022	63.8	27.4	17.9	10.7	3.0	4.6	BDL	BDL	BDL	BDL	BDL	BDL
31/03/2022	65.0	29.5	17.4	9.3	2.4	4.1	BDL	BDL	BDL	BDL	BDL	BDL
04/04/2022	68.3	31.1	18.0	10.2	2.1	4.8	BDL	BDL	BDL	BDL	BDL	BDL
07/04/2022	57.2	25.8	18.8	10.8	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL
11/04/2022	59.7	29.7	18.3	10.5	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL
14/04/2022	62.9	30.9	17.9	9.6	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
17/04/2022	64.5	31.0	18.6	10.0	2.6	4.4	BDL	BDL	BDL	BDL	BDL	BDL
21/04/2022	68.4	31.7	18.3	9.9	2.9	4.8	BDL	BDL	BDL	BDL	BDL	BDL
25/04/2022	70.6	33.9	18.0	10.3	3.1	4.9	BDL	BDL	BDL	BDL	BDL	BDL
28/04/2022	72.1	32.4	17.8	10.9	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
02/05/2022	65.4	28.6	17.5	11.4	2.9	4.8	BDL	BDL	BDL	BDL	BDL	BDL
05/05/2022	68.2	29.1	18.3	10.6	3.0	4.3	BDL	BDL	BDL	BDL	BDL	BDL
09/05/2022	67.0	27.5	17.9	9.7	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
12/05/2022	70.6	32.7	18.0	10.2	2.7	4.9	BDL	BDL	BDL	BDL	BDL	BDL
16/05/2022	65.7	30.4	18.4	11.8	2.9	5.0	BDL	BDL	BDL	BDL	BDL	BDL
19/05/2022	69.4	33.5	18.0	10.8	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL
23/05/2022	72.6	32.8	18.3	9.5	2.7	4.9	BDL	BDL	BDL	BDL	BDL	BDL
26/05/2022	70.8	34.1	17.9	9.3	2.9	4.5	BDL	BDL	BDL	BDL	BDL	BDL
30/05/2022	67.3	32.7	17.5	10.6	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
02/06/2022	69.8	31.4	18.4	11.3	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL
06/06/2022	63.7	30.8	18.2	10.7	3.0	4.8	BDL	BDL	BDL	BDL	BDL	BDL
09/06/2022	69.5	31.2	18.0	10.3	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
13/06/2022	70.8	32.5	18.6	10.4	2.8	5.0	BDL	BDL	BDL	BDL	BDL	BDL
16/06/2022	72.1	33.8	18.3	11.0	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL
20/06/2022	67.3	32.9	18.3	11.4	2.8	4.8	BDL	BDL	BDL	BDL	BDL	BDL
23/06/2022	65.1	31.4	18.2	10.6	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
27/06/2022	43.2	20.5	13.4	7.8	2.1	3.6	BDL	BDL	BDL	BDL	BDL	BDL
30/06/2022	36.8	15.4	11.4	7.4	2.0	3.2	BDL	BDL	BDL	BDL	BDL	BDL

04/07/2022	20.6	7.6	8.4	6.5	1.7	3.0	BDL	BDL	BDL	BDL	BDL	BDL
07/07/2022	21.8	7.9	8.8	6.8	1.6	2.7	BDL	BDL	BDL	BDL	BDL	BDL
11/07/2022	30.6	13.2	7.4	6.4	1.8	3.6	BDL	BDL	BDL	BDL	BDL	BDL
14/07/2022	34.2	12.8	8.7	7.0	2.0	3.9	BDL	BDL	BDL	BDL	BDL	BDL
18/07/2022	30.1	11.9	10.2	7.4	2.1	3.6	BDL	BDL	BDL	BDL	BDL	BDL
21/07/2022	31.6	14.3	13.6	8.4	2.4	4.0	BDL	BDL	BDL	BDL	BDL	BDL
25/07/2022	24.3	11.7	10.4	7.2	1.9	3.6	BDL	BDL	BDL	BDL	BDL	BDL
28/07/2022	29.5	13.8	12.7	8.9	2.1	3.9	BDL	BDL	BDL	BDL	BDL	BDL
01/08/2022	25.5	12.2	10.7	7.8	2.0	4.1	BDL	BDL	BDL	BDL	BDL	BDL
04/08/2022	35.7	16.9	13.5	8.5	2.3	4.3	BDL	BDL	BDL	BDL	BDL	BDL
08/08/2022	39.1	19.5	15.9	9.6	2.5	4.5	BDL	BDL	BDL	BDL	BDL	BDL
11/08/2022	20.9	9.4	9.0	6.9	1.8	3.5	BDL	BDL	BDL	BDL	BDL	BDL
15/08/2022	25.6	12.4	9.8	7.4	2.0	3.7	BDL	BDL	BDL	BDL	BDL	BDL
18/08/2022	29.1	16.0	10.3	8.7	1.9	3.6	BDL	BDL	BDL	BDL	BDL	BDL
22/08/2022	64.5	28.0	15.4	13.3	2.2	4.2	BDL	BDL	BDL	BDL	BDL	BDL
25/08/2022	53.0	23.7	14.7	11.8	2.8	3.6	BDL	BDL	BDL	BDL	BDL	BDL
29/08/2022	43.5	19.5	10.4	9.5	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
1/09/2022	29.0	14.2	12.0	9.0	2.3	3.5	BDL	BDL	BDL	BDL	BDL	BDL
5/09/2022	41.5	18.7	9.7	7.6	2.4	4.1	BDL	BDL	BDL	BDL	BDL	BDL
8/09/2022	30.9	13.5	8.3	8.0	2.9	3.8	BDL	BDL	BDL	BDL	BDL	BDL
12/09/2022	24.0	12.2	11.7	9.5	2.0	3.6	BDL	BDL	BDL	BDL	BDL	BDL
15/09/2022	22.3	11.7	10.4	8.5	2.2	3.5	BDL	BDL	BDL	BDL	BDL	BDL
19/09/2022	30.7	12.0	9.3	7.7	2.4	3.3	BDL	BDL	BDL	BDL	BDL	BDL

Location	Vandh											
Date of Sampling	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	SO <sub>2</sub>	O <sub>3</sub>	NH <sub>3</sub>	CO	C <sub>6</sub> H <sub>6</sub>	BaP	Pb	As	Ni
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
21/03/2022	67.3	33.9	18.3	11.4	2.9	4.8	BDL	BDL	BDL	BDL	BDL	BDL
24/03/2022	70.8	32.5	18.6	10.6	2.5	4.4	BDL	BDL	BDL	BDL	BDL	BDL
28/03/2022	69.0	31.6	17.9	10.4	2.1	4.6	BDL	BDL	BDL	BDL	BDL	BDL
31/03/2022	73.6	34.7	18.3	11.6	2.8	4.3	BDL	BDL	BDL	BDL	BDL	BDL
04/04/2022	70.4	32.8	18.5	11.2	2.5	4.8	BDL	BDL	BDL	BDL	BDL	BDL
07/04/2022	68.7	30.5	18.2	10.8	2.9	4.1	BDL	BDL	BDL	BDL	BDL	BDL
11/04/2022	72.9	31.3	18.9	12.0	2.4	4.8	BDL	BDL	BDL	BDL	BDL	BDL
14/04/2022	70.1	34.2	18.4	11.4	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
17/04/2022	69.5	32.0	19.0	10.6	3.0	4.2	BDL	BDL	BDL	BDL	BDL	BDL
21/04/2022	68.3	29.8	18.4	12.0	2.8	4.3	BDL	BDL	BDL	BDL	BDL	BDL
25/04/2022	65.2	27.4	18.6	11.4	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
28/04/2022	69.1	29.1	18.3	11.6	2.9	4.8	BDL	BDL	BDL	BDL	BDL	BDL
02/05/2022	72.5	30.5	17.9	10.7	2.5	5.0	BDL	BDL	BDL	BDL	BDL	BDL
05/05/2022	63.8	25.7	17.5	10.2	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL
09/05/2022	67.1	25.0	18.0	11.8	2.4	4.8	BDL	BDL	BDL	BDL	BDL	BDL
12/05/2022	70.4	31.5	18.3	10.3	2.7	4.2	BDL	BDL	BDL	BDL	BDL	BDL
16/05/2022	68.5	26.8	18.5	12.0	2.9	4.4	BDL	BDL	BDL	BDL	BDL	BDL
19/05/2022	65.8	25.3	18.2	10.5	3.1	4.7	BDL	BDL	BDL	BDL	BDL	BDL
23/05/2022	68.5	28.0	18.9	11.7	2.5	5.0	BDL	BDL	BDL	BDL	BDL	BDL
26/05/2022	70.6	30.4	18.4	10.2	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL
30/05/2022	72.8	32.1	18.0	10.8	3.0	4.8	BDL	BDL	BDL	BDL	BDL	BDL
02/06/2022	69.1	27.6	17.3	11.9	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL
06/06/2022	67.3	26.9	17.8	10.4	2.9	4.6	BDL	BDL	BDL	BDL	BDL	BDL
09/06/2022	65.8	27.0	17.9	10.9	2.6	4.8	BDL	BDL	BDL	BDL	BDL	BDL
13/06/2022	66.9	28.4	18.1	11.2	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL
16/06/2022	63.2	28.9	18.4	11.8	2.7	4.9	BDL	BDL	BDL	BDL	BDL	BDL
20/06/2022	64.2	32.1	18.3	12.0	2.8	4.3	BDL	BDL	BDL	BDL	BDL	BDL
23/06/2022	60.7	30.7	18.2	11.4	2.4	4.6	BDL	BDL	BDL	BDL	BDL	BDL
27/06/2022	43.9	18.4	12.8	8.5	2.6	3.4	BDL	BDL	BDL	BDL	BDL	BDL
30/06/2022	34.2	13.2	12.6	8.2	1.9	3.0	BDL	BDL	BDL	BDL	BDL	BDL
04/07/2022	23.8	9.6	10.4	6.8	1.5	2.8	BDL	BDL	BDL	BDL	BDL	BDL

07/07/2022	24.5	10.3	11.8	7.1	1.6	2.6	BDL	BDL	BDL	BDL	BDL	BDL
11/07/2022	28.3	12.4	12.6	7.4	1.8	2.8	BDL	BDL	BDL	BDL	BDL	BDL
14/07/2022	29.4	13.0	12.7	7.2	1.6	3.4	BDL	BDL	BDL	BDL	BDL	BDL
18/07/2022	30.5	13.6	13.2	8.0	1.9	3.0	BDL	BDL	BDL	BDL	BDL	BDL
21/07/2022	32.9	15.9	13.8	10.4	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
25/07/2022	24.1	11.3	10.6	8.3	1.9	3.8	BDL	BDL	BDL	BDL	BDL	BDL
28/07/2022	29.6	13.6	11.3	9.6	2.0	4.0	BDL	BDL	BDL	BDL	BDL	BDL
01/08/2022	30.5	13.2	12.9	9.9	2.3	4.2	BDL	BDL	BDL	BDL	BDL	BDL
04/08/2022	34.6	16.0	13.5	10.7	2.5	4.5	BDL	BDL	BDL	BDL	BDL	BDL
08/08/2022	40.8	18.5	15.8	11.0	2.4	4.7	BDL	BDL	BDL	BDL	BDL	BDL
11/08/2022	21.4	10.8	10.3	8.0	1.8	3.5	BDL	BDL	BDL	BDL	BDL	BDL
15/08/2022	27.0	12.9	10.8	8.3	2.0	3.8	BDL	BDL	BDL	BDL	BDL	BDL
18/08/2022	30.7	14.3	11.1	8.5	2.1	3.9	BDL	BDL	BDL	BDL	BDL	BDL
22/08/2022	67.8	32.5	15.7	11.8	2.9	3.9	BDL	BDL	BDL	BDL	BDL	BDL
25/08/2022	56.0	25.7	14.4	10.4	2.1	4.1	BDL	BDL	BDL	BDL	BDL	BDL
29/08/2022	37.8	17.0	11.0	9.0	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL
1/09/2022	40.0	20.5	10.4	7.1	2.3	3.4	BDL	BDL	BDL	BDL	BDL	BDL
5/09/2022	50.4	21.0	10.0	8.5	2.2	4.3	BDL	BDL	BDL	BDL	BDL	BDL
8/09/2022	36.9	15.7	9.7	7.2	1.9	4.8	BDL	BDL	BDL	BDL	BDL	BDL
12/09/2022	26.4	12.7	9.3	7.4	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
15/09/2022	24.5	9.2	9.0	8.2	2.2	4.0	BDL	BDL	BDL	BDL	BDL	BDL
19/09/2022	29.9	12.0	8.7	8.5	2.1	4.6	BDL	BDL	BDL	BDL	BDL	BDL

Location	Siracha											
Date of Sampling	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	SO <sub>2</sub>	O <sub>3</sub>	NH <sub>3</sub>	CO	C <sub>6</sub> H <sub>6</sub>	BaP	Pb	As	Ni
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
21/03/2022	76.2	34.5	18.3	12.0	3.0	4.7	BDL	BDL	BDL	BDL	BDL	BDL
24/03/2022	78.4	34.2	18.9	11.4	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
28/03/2022	70.2	31.6	18.5	11.8	2.7	4.8	BDL	BDL	BDL	BDL	BDL	BDL
31/03/2022	74.1	35.9	19.2	12.4	2.9	4.5	BDL	BDL	BDL	BDL	BDL	BDL
04/04/2022	73.9	32.1	19.0	11.1	3.1	4.3	BDL	BDL	BDL	BDL	BDL	BDL
07/04/2022	68.4	30.7	18.6	10.4	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
11/04/2022	79.0	36.5	18.9	10.9	2.8	4.9	BDL	BDL	BDL	BDL	BDL	BDL
14/04/2022	70.7	32.8	18.2	11.3	2.7	5.0	BDL	BDL	BDL	BDL	BDL	BDL
17/04/2022	71.3	34.1	19.1	11.7	2.9	4.6	BDL	BDL	BDL	BDL	BDL	BDL
21/04/2022	79.3	36.5	18.5	12.1	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
25/04/2022	80.4	39.6	19.0	12.0	2.3	4.9	BDL	BDL	BDL	BDL	BDL	BDL
28/04/2022	81.0	37.1	18.3	11.5	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
02/05/2022	76.4	35.4	18.6	12.4	2.9	4.3	BDL	BDL	BDL	BDL	BDL	BDL
05/05/2022	79.3	38.8	18.2	11.3	2.6	4.8	BDL	BDL	BDL	BDL	BDL	BDL
09/05/2022	83.9	40.2	18.7	10.7	2.4	5.0	BDL	BDL	BDL	BDL	BDL	BDL
12/05/2022	73.2	35.4	18.6	11.5	2.7	4.8	BDL	BDL	BDL	BDL	BDL	BDL
16/05/2022	75.1	32.7	18.3	11.3	3.0	4.3	BDL	BDL	BDL	BDL	BDL	BDL
19/05/2022	78.5	36.1	18.9	10.9	2.8	4.9	BDL	BDL	BDL	BDL	BDL	BDL
23/05/2022	79.2	33.6	18.0	10.2	2.9	4.7	BDL	BDL	BDL	BDL	BDL	BDL
26/05/2022	82.1	38.9	18.3	10.7	2.7	4.9	BDL	BDL	BDL	BDL	BDL	BDL
30/05/2022	76.9	33.6	18.8	11.3	2.4	5.0	BDL	BDL	BDL	BDL	BDL	BDL
02/06/2022	73.5	31.8	18.9	11.6	2.9	4.6	BDL	BDL	BDL	BDL	BDL	BDL
06/06/2022	80.6	36.5	19.0	10.3	3.0	4.8	BDL	BDL	BDL	BDL	BDL	BDL
09/06/2022	79.3	34.2	18.4	10.7	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
13/06/2022	76.4	33.8	18.2	11.2	2.8	4.8	BDL	BDL	BDL	BDL	BDL	BDL
16/06/2022	78.9	34.0	18.6	12.0	2.7	4.9	BDL	BDL	BDL	BDL	BDL	BDL
20/06/2022	72.5	34.8	18.4	12.0	2.9	4.7	BDL	BDL	BDL	BDL	BDL	BDL
23/06/2022	70.8	32.1	18.1	11.5	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
27/06/2022	58.2	23.6	15.3	8.2	2.4	4.0	BDL	BDL	BDL	BDL	BDL	BDL
30/06/2022	44.8	20.7	14.2	8.0	2.1	3.4	BDL	BDL	BDL	BDL	BDL	BDL
04/07/2022	24.5	10.6	8.6	7.1	1.7	2.8	BDL	BDL	BDL	BDL	BDL	BDL

07/07/2022	27.9	11.4	9.3	7.6	1.9	3.2	BDL	BDL	BDL	BDL	BDL	BDL
11/07/2022	29.5	13.2	10.2	7.9	2.1	3.5	BDL	BDL	BDL	BDL	BDL	BDL
14/07/2022	32.6	15.1	10.7	8.5	1.7	3.8	BDL	BDL	BDL	BDL	BDL	BDL
18/07/2022	35.6	16.3	11.3	8.2	1.9	3.5	BDL	BDL	BDL	BDL	BDL	BDL
21/07/2022	31.7	14.8	11.4	8.9	2.0	4.0	BDL	BDL	BDL	BDL	BDL	BDL
25/07/2022	26.4	12.3	10.6	8.2	2.1	4.2	BDL	BDL	BDL	BDL	BDL	BDL
28/07/2022	28.5	13.9	10.9	7.9	1.8	3.5	BDL	BDL	BDL	BDL	BDL	BDL
01/08/2022	30.8	12.8	9.4	7.4	2.2	4.1	BDL	BDL	BDL	BDL	BDL	BDL
04/08/2022	34.2	16.4	11.3	9.0	2.4	3.7	BDL	BDL	BDL	BDL	BDL	BDL
08/08/2022	38.6	19.5	12.5	8.3	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
11/08/2022	24.8	11.2	7.5	6.4	1.8	3.5	BDL	BDL	BDL	BDL	BDL	BDL
15/08/2022	27.6	13.8	7.9	6.7	1.9	3.7	BDL	BDL	BDL	BDL	BDL	BDL
18/08/2022	29.4	13.9	8.3	7.1	2.1	3.2	BDL	BDL	BDL	BDL	BDL	BDL
22/08/2022	70.9	31.5	12.4	12.3	2.7	3.9	BDL	BDL	BDL	BDL	BDL	BDL
25/08/2022	56.7	24.2	11.7	10.9	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL
29/08/2022	61.6	27.0	11.0	11.8	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
1/09/2022	68.1	28.5	9.7	9.5	2.1	3.5	BDL	BDL	BDL	BDL	BDL	BDL
5/09/2022	50.8	22.7	10.7	9.9	2.0	3.4	BDL	BDL	BDL	BDL	BDL	BDL
8/09/2022	31.2	15.0	9.0	9.6	2.3	3.8	BDL	BDL	BDL	BDL	BDL	BDL
12/09/2022	22.1	10.7	8.7	8.0	2.6	3.6	BDL	BDL	BDL	BDL	BDL	BDL
15/09/2022	19.5	9.0	8.3	7.6	2.1	3.5	BDL	BDL	BDL	BDL	BDL	BDL
19/09/2022	33.6	16.5	10.0	9.5	2.4	3.7	BDL	BDL	BDL	BDL	BDL	BDL

Location	Motikhakkar											
Date of Sampling	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	SO <sub>2</sub>	O <sub>3</sub>	NH <sub>3</sub>	CO	C <sub>6</sub> H <sub>6</sub>	BaP	Pb	As	Ni
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
21/03/2022	63.2	28.4	18.3	10.3	2.8	4.3	BDL	BDL	BDL	BDL	BDL	BDL
24/03/2022	58.9	25.6	17.4	10.5	2.9	4.6	BDL	BDL	BDL	BDL	BDL	BDL
28/03/2022	68.2	29.5	17.9	11.3	2.4	4.9	BDL	BDL	BDL	BDL	BDL	BDL
31/03/2022	73.5	31.2	17.3	11.5	2.1	4.6	BDL	BDL	BDL	BDL	BDL	BDL
04/04/2022	76.8	30.6	18.5	10.8	3.0	4.3	BDL	BDL	BDL	BDL	BDL	BDL
07/04/2022	74.1	29.9	18.9	9.7	2.8	4.8	BDL	BDL	BDL	BDL	BDL	BDL
11/04/2022	68.3	27.5	18.4	9.5	2.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL
14/04/2022	63.2	28.4	18.7	10.0	2.4	4.5	BDL	BDL	BDL	BDL	BDL	BDL
17/04/2022	67.4	25.1	18.0	9.9	2.8	4.0	BDL	BDL	BDL	BDL	BDL	BDL
21/04/2022	72.1	34.3	18.4	10.8	3.1	4.6	BDL	BDL	BDL	BDL	BDL	BDL
25/04/2022	74.3	32.1	18.0	10.3	2.8	4.9	BDL	BDL	BDL	BDL	BDL	BDL
28/04/2022	69.5	28.6	17.5	10.6	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
02/05/2022	67.4	26.5	17.3	11.5	2.5	4.9	BDL	BDL	BDL	BDL	BDL	BDL
05/05/2022	69.2	28.4	17.9	11.8	2.4	4.6	BDL	BDL	BDL	BDL	BDL	BDL
09/05/2022	61.3	24.7	17.4	10.4	2.9	5.0	BDL	BDL	BDL	BDL	BDL	BDL
12/05/2022	60.9	23.1	18.0	11.3	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL
16/05/2022	74.3	33.9	18.4	12.0	2.1	4.7	BDL	BDL	BDL	BDL	BDL	BDL
19/05/2022	72.1	34.1	17.7	11.3	2.6	4.9	BDL	BDL	BDL	BDL	BDL	BDL
23/05/2022	72.6	32.5	18.7	10.4	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL
26/05/2022	70.6	28.6	19.0	9.6	2.9	4.7	BDL	BDL	BDL	BDL	BDL	BDL
30/05/2022	73.1	31.8	18.3	9.3	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL
02/06/2022	75.7	33.9	18.9	9.9	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
06/06/2022	67.3	27.6	18.2	10.2	2.8	4.8	BDL	BDL	BDL	BDL	BDL	BDL
09/06/2022	65.8	29.5	18.6	10.6	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
13/06/2022	69.2	26.4	18.5	11.4	2.9	4.4	BDL	BDL	BDL	BDL	BDL	BDL
16/06/2022	71.4	28.7	18.7	11.0	2.5	4.5	BDL	BDL	BDL	BDL	BDL	BDL
20/06/2022	63.2	32.0	18.7	9.8	2.7	4.7	BDL	BDL	BDL	BDL	BDL	BDL
23/06/2022	60.4	31.6	18.3	10.2	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
27/06/2022	30.5	13.2	12.4	7.3	2.0	3.5	BDL	BDL	BDL	BDL	BDL	BDL
30/06/2022	28.8	12.7	11.5	7.0	1.9	3.2	BDL	BDL	BDL	BDL	BDL	BDL
04/07/2022	18.3	8.9	7.8	6.2	1.5	2.5	BDL	BDL	BDL	BDL	BDL	BDL



07/07/2022	20.9	9.3	7.3	6.7	1.8	2.9	BDL	BDL	BDL	BDL	BDL	BDL
11/07/2022	23.1	9.7	8.3	7.0	1.7	3.2	BDL	BDL	BDL	BDL	BDL	BDL
14/07/2022	29.4	12.1	8.7	7.3	1.9	3.6	BDL	BDL	BDL	BDL	BDL	BDL
18/07/2022	25.8	10.6	8.0	7.1	1.7	3.1	BDL	BDL	BDL	BDL	BDL	BDL
21/07/2022	32.6	15.8	10.3	8.3	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
25/07/2022	24.8	11.5	9.5	7.2	2.0	3.9	BDL	BDL	BDL	BDL	BDL	BDL
28/07/2022	30.7	14.9	10.9	8.4	2.2	4.1	BDL	BDL	BDL	BDL	BDL	BDL
01/08/2022	29.1	13.5	8.3	7.6	2.1	3.8	BDL	BDL	BDL	BDL	BDL	BDL
04/08/2022	40.6	18.3	11.5	8.0	2.5	4.4	BDL	BDL	BDL	BDL	BDL	BDL
08/08/2022	48.2	24.1	13.6	8.9	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL
11/08/2022	19.3	8.7	7.9	6.3	1.8	3.2	BDL	BDL	BDL	BDL	BDL	BDL
15/08/2022	24.7	10.4	9.0	7.4	2.1	3.5	BDL	BDL	BDL	BDL	BDL	BDL
18/08/2022	27.1	12.9	9.3	7.6	2.3	3.7	BDL	BDL	BDL	BDL	BDL	BDL
22/08/2022	66.1	28.0	12.4	12.3	2.1	4.3	BDL	BDL	BDL	BDL	BDL	BDL
25/08/2022	51.3	23.2	9.0	9.0	1.9	4.6	BDL	BDL	BDL	BDL	BDL	BDL
29/08/2022	41.6	19.7	14.0	13.3	2.1	3.9	BDL	BDL	BDL	BDL	BDL	BDL
1/09/2022	46.5	17.5	8.3	8.0	2.2	4.4	BDL	BDL	BDL	BDL	BDL	BDL
5/09/2022	30.9	13.7	10.4	9.9	2.0	4.5	BDL	BDL	BDL	BDL	BDL	BDL
8/09/2022	37.1	16.5	9.7	8.5	1.8	3.6	BDL	BDL	BDL	BDL	BDL	BDL
12/09/2022	19.9	8.2	11.0	11.8	2.3	3.7	BDL	BDL	BDL	BDL	BDL	BDL
15/09/2022	17.5	8.2	10.0	9.5	2.2	3.4	BDL	BDL	BDL	BDL	BDL	BDL
19/09/2022	27.9	12.7	8.7	7.6	2.4	3.6	BDL	BDL	BDL	BDL	BDL	BDL

Location	Motakandagra											
Date of Sampling	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	SO <sub>2</sub>	O <sub>3</sub>	NH <sub>3</sub>	CO	C <sub>6</sub> H <sub>6</sub>	BaP	Pb	As	Ni
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
21/03/2022	67.3	24.3	17.3	10.3	2.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL
24/03/2022	70.1	28.5	18.7	10.5	2.1	4.6	BDL	BDL	BDL	BDL	BDL	BDL
28/03/2022	64.7	25.6	18.4	11.2	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
31/03/2022	62.8	28.4	18.0	9.4	2.3	4.7	BDL	BDL	BDL	BDL	BDL	BDL
04/04/2022	67.5	24.3	18.2	9.8	2.8	4.2	BDL	BDL	BDL	BDL	BDL	BDL
07/04/2022	72.1	29.1	17.5	10.2	2.4	4.7	BDL	BDL	BDL	BDL	BDL	BDL
11/04/2022	68.4	23.9	18.4	10.5	2.1	3.9	BDL	BDL	BDL	BDL	BDL	BDL
14/04/2022	62.9	23.7	18.2	9.2	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL
17/04/2022	60.8	22.8	18.9	10.6	2.6	4.5	BDL	BDL	BDL	BDL	BDL	BDL
21/04/2022	73.2	29.4	18.4	10.4	2.9	4.6	BDL	BDL	BDL	BDL	BDL	BDL
25/04/2022	70.9	24.5	18.0	10.6	2.6	4.8	BDL	BDL	BDL	BDL	BDL	BDL
28/04/2022	67.4	27.4	17.6	11.2	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
02/05/2022	69.1	25.1	17.9	11.6	2.8	4.8	BDL	BDL	BDL	BDL	BDL	BDL
05/05/2022	73.9	28.7	18.3	10.8	2.1	4.5	BDL	BDL	BDL	BDL	BDL	BDL
09/05/2022	76.8	32.9	18.0	11.3	2.8	4.1	BDL	BDL	BDL	BDL	BDL	BDL
12/05/2022	75.9	31.7	17.3	11.8	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
16/05/2022	73.1	29.5	17.2	12.0	2.4	4.8	BDL	BDL	BDL	BDL	BDL	BDL
19/05/2022	70.5	26.1	17.9	10.7	2.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL
23/05/2022	72.8	33.0	18.0	11.5	2.9	4.9	BDL	BDL	BDL	BDL	BDL	BDL
26/05/2022	70.3	31.4	18.2	11.0	2.6	4.8	BDL	BDL	BDL	BDL	BDL	BDL
30/05/2022	67.5	27.6	18.6	10.3	2.8	4.3	BDL	BDL	BDL	BDL	BDL	BDL
02/06/2022	69.8	28.4	19.0	10.7	2.9	4.7	BDL	BDL	BDL	BDL	BDL	BDL
06/06/2022	63.5	25.9	18.4	10.8	2.7	4.9	BDL	BDL	BDL	BDL	BDL	BDL
09/06/2022	69.0	27.4	18.8	10.3	2.4	4.6	BDL	BDL	BDL	BDL	BDL	BDL
13/06/2022	65.6	27.8	18.5	9.8	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
16/06/2022	70.8	27.0	18.6	9.4	2.9	4.8	BDL	BDL	BDL	BDL	BDL	BDL
20/06/2022	68.3	32.5	18.3	11.4	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL
23/06/2022	64.1	30.7	18.0	10.1	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
27/06/2022	34.2	16.3	13.2	8.4	2.0	3.4	BDL	BDL	BDL	BDL	BDL	BDL
30/06/2022	29.6	13.2	12.1	8.2	1.8	3.0	BDL	BDL	BDL	BDL	BDL	BDL
04/07/2022	19.3	8.5	8.7	6.9	1.4	2.2	BDL	BDL	BDL	BDL	BDL	BDL

07/07/2022	21.5	9.2	8.3	7.3	1.7	2.5	BDL	BDL	BDL	BDL	BDL	BDL
11/07/2022	23.8	9.7	8.9	7.0	1.9	2.3	BDL	BDL	BDL	BDL	BDL	BDL
14/07/2022	27.5	10.3	9.5	7.4	2.1	2.8	BDL	BDL	BDL	BDL	BDL	BDL
18/07/2022	29.1	13.1	10.0	7.1	2.0	2.6	BDL	BDL	BDL	BDL	BDL	BDL
21/07/2022	29.6	14.2	10.4	7.2	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL
25/07/2022	27.9	12.8	9.4	6.8	2.1	3.9	BDL	BDL	BDL	BDL	BDL	BDL
28/07/2022	34.7	16.9	12.5	7.9	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
01/08/2022	30.6	14.6	12.9	8.0	2.3	3.7	BDL	BDL	BDL	BDL	BDL	BDL
04/08/2022	38.3	18.2	14.3	8.4	2.6	4.8	BDL	BDL	BDL	BDL	BDL	BDL
08/08/2022	45.9	23.6	15.7	9.2	2.9	4.9	BDL	BDL	BDL	BDL	BDL	BDL
11/08/2022	20.8	9.5	8.5	7.0	1.9	3.2	BDL	BDL	BDL	BDL	BDL	BDL
15/08/2022	23.4	10.2	9.4	7.9	2.0	3.4	BDL	BDL	BDL	BDL	BDL	BDL
18/08/2022	28.3	13.4	10.2	8.3	2.1	3.8	BDL	BDL	BDL	BDL	BDL	BDL
22/08/2022	50.8	21.7	11.7	10.9	2.0	4.0	BDL	BDL	BDL	BDL	BDL	BDL
25/08/2022	66.4	27.0	10.0	10.4	1.9	4.3	BDL	BDL	BDL	BDL	BDL	BDL
29/08/2022	47.7	20.0	15.0	9.0	2.2	4.7	BDL	BDL	BDL	BDL	BDL	BDL
1/09/2022	30.6	13.7	10.4	8.5	2.4	3.9	BDL	BDL	BDL	BDL	BDL	BDL
5/09/2022	43.3	19.0	9.3	6.6	2.0	3.5	BDL	BDL	BDL	BDL	BDL	BDL
8/09/2022	49.8	21.7	9.7	7.1	2.8	4.4	BDL	BDL	BDL	BDL	BDL	BDL
12/09/2022	20.3	9.7	12.0	7.6	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL
15/09/2022	19.5	9.0	9.0	7.1	2.2	3.8	BDL	BDL	BDL	BDL	BDL	BDL
19/09/2022	27.9	12.5	8.3	6.6	2.4	3.9	BDL	BDL	BDL	BDL	BDL	BDL

Location	Tragadi Village											
Date of Sampling	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	SO <sub>2</sub>	O <sub>3</sub>	NH <sub>3</sub>	CO	C <sub>6</sub> H <sub>6</sub>	BaP	Pb	As	Ni
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
21/03/2022	45.6	19.5	16.2	8.9	1.8	3.9	BDL	BDL	BDL	BDL	BDL	BDL
24/03/2022	48.3	18.7	16.9	8.3	2.1	4.1	BDL	BDL	BDL	BDL	BDL	BDL
28/03/2022	46.1	17.9	16.3	8.6	2.0	4.3	BDL	BDL	BDL	BDL	BDL	BDL
31/03/2022	42.9	15.7	15.5	9.0	2.4	4.0	BDL	BDL	BDL	BDL	BDL	BDL
04/04/2022	47.5	19.8	15.0	8.3	1.9	3.8	BDL	BDL	BDL	BDL	BDL	BDL
07/04/2022	50.1	21.4	16.9	8.1	2.0	4.1	BDL	BDL	BDL	BDL	BDL	BDL
11/04/2022	51.7	23.8	16.8	9.2	2.3	4.0	BDL	BDL	BDL	BDL	BDL	BDL
14/04/2022	44.6	18.5	16.4	9.5	2.1	4.2	BDL	BDL	BDL	BDL	BDL	BDL
17/04/2022	47.9	19.4	17.0	9.1	2.4	4.4	BDL	BDL	BDL	BDL	BDL	BDL
21/04/2022	48.2	17.9	15.8	8.4	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
25/04/2022	45.9	16.5	15.9	8.0	2.1	4.0	BDL	BDL	BDL	BDL	BDL	BDL
28/04/2022	50.1	19.3	16.3	8.3	1.9	4.1	BDL	BDL	BDL	BDL	BDL	BDL
02/05/2022	52.8	17.8	15.6	8.6	2.0	4.2	BDL	BDL	BDL	BDL	BDL	BDL
05/05/2022	49.2	20.4	16.2	8.2	1.8	3.8	BDL	BDL	BDL	BDL	BDL	BDL
09/05/2022	44.7	14.7	16.1	8.9	2.1	4.1	BDL	BDL	BDL	BDL	BDL	BDL
12/05/2022	48.6	16.3	16.5	9.0	2.4	3.9	BDL	BDL	BDL	BDL	BDL	BDL
16/05/2022	45.9	17.0	16.0	9.1	2.4	4.0	BDL	BDL	BDL	BDL	BDL	BDL
19/05/2022	51.6	21.8	16.5	8.5	2.3	4.2	BDL	BDL	BDL	BDL	BDL	BDL
23/05/2022	40.6	18.2	16.9	8.9	2.7	4.0	BDL	BDL	BDL	BDL	BDL	BDL
26/05/2022	44.1	17.3	17.0	9.2	2.1	4.2	BDL	BDL	BDL	BDL	BDL	BDL
30/05/2022	47.9	19.5	16.7	8.5	2.3	4.6	BDL	BDL	BDL	BDL	BDL	BDL
02/06/2022	43.5	20.3	16.3	9.0	2.0	4.2	BDL	BDL	BDL	BDL	BDL	BDL
06/06/2022	49.2	22.1	17.1	9.2	1.9	4.8	BDL	BDL	BDL	BDL	BDL	BDL
09/06/2022	47.5	22.8	16.3	9.5	1.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL
13/06/2022	50.1	23.4	15.9	9.0	2.0	4.3	BDL	BDL	BDL	BDL	BDL	BDL
16/06/2022	48.3	20.7	16.0	9.1	2.3	4.0	BDL	BDL	BDL	BDL	BDL	BDL
20/06/2022	40.6	19.4	17.3	9.6	2.8	4.3	BDL	BDL	BDL	BDL	BDL	BDL
23/06/2022	43.2	18.4	17.6	10.1	2.3	4.2	BDL	BDL	BDL	BDL	BDL	BDL
27/06/2022	23.1	10.3	10.5	8.4	2.0	3.0	BDL	BDL	BDL	BDL	BDL	BDL
30/06/2022	18.6	7.9	8.4	6.5	1.8	2.5	BDL	BDL	BDL	BDL	BDL	BDL

04/07/2022	19.4	7.3	8.3	6.9	1.3	2.2	BDL	BDL	BDL	BDL	BDL	BDL
07/07/2022	18.3	8.9	7.9	6.3	1.6	1.9	BDL	BDL	BDL	BDL	BDL	BDL
11/07/2022	20.6	9.0	8.2	7.5	1.4	2.4	BDL	BDL	BDL	BDL	BDL	BDL
14/07/2022	17.4	7.5	7.8	7.0	1.9	2.6	BDL	BDL	BDL	BDL	BDL	BDL
18/07/2022	18.5	8.5	8.0	6.9	1.5	2.1	BDL	BDL	BDL	BDL	BDL	BDL
21/07/2022	26.4	12.4	10.2	8.4	2.0	3.7	BDL	BDL	BDL	BDL	BDL	BDL
25/07/2022	20.6	9.6	8.4	6.5	1.8	3.4	BDL	BDL	BDL	BDL	BDL	BDL
28/07/2022	28.1	14.3	11.7	8.7	2.1	4.0	BDL	BDL	BDL	BDL	BDL	BDL
01/08/2022	25.9	11.8	9.3	7.3	1.9	4.2	BDL	BDL	BDL	BDL	BDL	BDL
04/08/2022	30.1	13.6	9.0	7.0	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL
08/08/2022	32.5	15.7	10.2	8.1	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
11/08/2022	18.3	8.9	8.4	6.4	1.8	3.5	BDL	BDL	BDL	BDL	BDL	BDL
15/08/2022	21.4	9.8	9.2	8.3	2.0	3.7	BDL	BDL	BDL	BDL	BDL	BDL
18/08/2022	26.3	12.7	10.5	8.9	1.9	3.9	BDL	BDL	BDL	BDL	BDL	BDL
22/08/2022	39.1	16.7	11.0	10.9	2.8	4.2	BDL	BDL	BDL	BDL	BDL	BDL
25/08/2022	43.7	19.0	8.3	8.0	2.1	4.3	BDL	BDL	BDL	BDL	BDL	BDL
29/08/2022	35.7	16.7	9.7	7.6	2.6	3.6	BDL	BDL	BDL	BDL	BDL	BDL
1/09/2022	25.5	11.7	10.7	6.6	2.4	4.0	BDL	BDL	BDL	BDL	BDL	BDL
5/09/2022	33.0	14.2	10.4	5.7	2.9	3.5	BDL	BDL	BDL	BDL	BDL	BDL
8/09/2022	43.6	19.7	9.3	6.6	1.8	4.1	BDL	BDL	BDL	BDL	BDL	BDL
12/09/2022	25.2	12.7	10.4	9.5	2.4	3.8	BDL	BDL	BDL	BDL	BDL	BDL
15/09/2022	21.8	10.0	9.7	9.0	2.6	3.6	BDL	BDL	BDL	BDL	BDL	BDL
19/09/2022	28.6	13.2	9.0	7.6	2.3	3.9	BDL	BDL	BDL	BDL	BDL	BDL

Location	Nanabhadia											
Date of Sampling	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	SO <sub>2</sub>	O <sub>3</sub>	NH <sub>3</sub>	CO	C <sub>6</sub> H <sub>6</sub>	BaP	Pb	As	Ni
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
21/03/2022	49.5	19.4	16.1	8.9	1.9	3.8	BDL	BDL	BDL	BDL	BDL	BDL
24/03/2022	52.1	20.3	17.2	8.7	2.1	4.0	BDL	BDL	BDL	BDL	BDL	BDL
28/03/2022	45.6	18.6	16.4	9.3	2.0	4.1	BDL	BDL	BDL	BDL	BDL	BDL
31/03/2022	43.9	19.8	16.9	9.0	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
04/04/2022	50.3	21.4	17.0	9.4	2.1	4.5	BDL	BDL	BDL	BDL	BDL	BDL
07/04/2022	54.7	20.7	16.3	9.1	1.8	4.2	BDL	BDL	BDL	BDL	BDL	BDL
11/04/2022	52.8	22.1	16.8	8.9	2.0	4.0	BDL	BDL	BDL	BDL	BDL	BDL
14/04/2022	56.4	23.8	16.5	10.0	2.1	4.2	BDL	BDL	BDL	BDL	BDL	BDL
17/04/2022	50.8	20.5	16.0	9.4	2.3	3.9	BDL	BDL	BDL	BDL	BDL	BDL
21/04/2022	54.3	23.4	15.3	9.8	2.1	4.5	BDL	BDL	BDL	BDL	BDL	BDL
25/04/2022	58.5	25.9	16.9	9.4	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
28/04/2022	52.1	21.8	16.3	8.7	2.1	4.1	BDL	BDL	BDL	BDL	BDL	BDL
02/05/2022	58.6	28.5	17.0	8.4	2.7	3.9	BDL	BDL	BDL	BDL	BDL	BDL
05/05/2022	54.3	24.1	16.2	8.9	2.4	4.0	BDL	BDL	BDL	BDL	BDL	BDL
09/05/2022	47.8	21.4	16.8	9.3	2.6	4.2	BDL	BDL	BDL	BDL	BDL	BDL
12/05/2022	53.2	23.0	17.3	9.1	2.1	4.5	BDL	BDL	BDL	BDL	BDL	BDL
16/05/2022	47.4	22.5	17.0	9.0	2.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL
19/05/2022	50.7	23.7	16.5	9.4	2.9	4.0	BDL	BDL	BDL	BDL	BDL	BDL
23/05/2022	50.8	23.6	16.9	9.1	2.1	4.0	BDL	BDL	BDL	BDL	BDL	BDL
26/05/2022	49.6	20.1	17.0	9.0	2.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL
30/05/2022	52.4	25.0	16.3	8.4	2.3	4.6	BDL	BDL	BDL	BDL	BDL	BDL
02/06/2022	54.7	23.8	16.8	8.9	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL
06/06/2022	57.3	24.9	16.4	9.2	2.3	4.2	BDL	BDL	BDL	BDL	BDL	BDL
09/06/2022	52.6	23.6	16.9	9.5	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
13/06/2022	48.1	21.7	17.0	9.7	2.8	4.4	BDL	BDL	BDL	BDL	BDL	BDL
16/06/2022	50.8	23.8	16.3	9.6	2.1	4.2	BDL	BDL	BDL	BDL	BDL	BDL
20/06/2022	54.2	24.3	15.3	10.2	2.3	4.5	BDL	BDL	BDL	BDL	BDL	BDL
23/06/2022	49.6	20.7	15.8	9.6	2.1	4.3	BDL	BDL	BDL	BDL	BDL	BDL
27/06/2022	27.5	13.2	12.9	8.3	1.9	3.4	BDL	BDL	BDL	BDL	BDL	BDL
30/06/2022	25.1	11.0	11.5	8.1	1.6	3.1	BDL	BDL	BDL	BDL	BDL	BDL
04/07/2022	18.6	7.4	8.0	6.1	1.4	2.4	BDL	BDL	BDL	BDL	BDL	BDL

07/07/2022	19.4	8.0	8.4	6.5	1.6	2.8	BDL	BDL	BDL	BDL	BDL	BDL
11/07/2022	21.5	9.4	8.2	6.9	1.5	2.5	BDL	BDL	BDL	BDL	BDL	BDL
14/07/2022	25.4	10.3	8.9	7.4	1.8	2.9	BDL	BDL	BDL	BDL	BDL	BDL
18/07/2022	29.6	11.7	9.4	7.8	1.6	3.1	BDL	BDL	BDL	BDL	BDL	BDL
21/07/2022	27.4	12.8	9.3	7.2	2.1	3.9	BDL	BDL	BDL	BDL	BDL	BDL
25/07/2022	21.9	10.7	7.5	6.7	1.8	3.6	BDL	BDL	BDL	BDL	BDL	BDL
28/07/2022	28.6	13.5	9.1	7.5	2.4	4.0	BDL	BDL	BDL	BDL	BDL	BDL
01/08/2022	26.7	12.4	8.3	7.0	2.0	3.4	BDL	BDL	BDL	BDL	BDL	BDL
04/08/2022	32.1	13.6	9.5	7.3	2.2	4.1	BDL	BDL	BDL	BDL	BDL	BDL
08/08/2022	34.5	12.8	9.8	8.8	2.1	4.3	BDL	BDL	BDL	BDL	BDL	BDL
11/08/2022	18.4	8.3	7.2	6.3	1.7	3.6	BDL	BDL	BDL	BDL	BDL	BDL
15/08/2022	17.9	7.9	7.4	6.7	1.8	3.4	BDL	BDL	BDL	BDL	BDL	BDL
18/08/2022	20.3	9.6	8.4	6.5	2.0	3.6	BDL	BDL	BDL	BDL	BDL	BDL
22/08/2022	52.1	23.5	10.4	9.0	2.4	3.6	BDL	BDL	BDL	BDL	BDL	BDL
25/08/2022	45.2	21.0	9.3	8.5	1.9	3.4	BDL	BDL	BDL	BDL	BDL	BDL
29/08/2022	31.4	15.5	9.7	8.0	2.2	3.9	BDL	BDL	BDL	BDL	BDL	BDL
1/09/2022	38.3	16.0	8.0	7.6	1.8	4.1	BDL	BDL	BDL	BDL	BDL	BDL
5/09/2022	42.6	19.5	7.3	7.1	2.2	4.3	BDL	BDL	BDL	BDL	BDL	BDL
8/09/2022	33.4	15.5	8.3	8.8	2.0	3.8	BDL	BDL	BDL	BDL	BDL	BDL
12/09/2022	19.7	9.2	7.7	7.6	2.8	3.6	BDL	BDL	BDL	BDL	BDL	BDL
15/09/2022	18.1	8.2	9.0	9.5	2.6	3.1	BDL	BDL	BDL	BDL	BDL	BDL
19/09/2022	24.2	11.0	8.7	7.7	2.5	3.4	BDL	BDL	BDL	BDL	BDL	BDL