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adani™

Ref No. AKBTPL/ENVSTATEMENT/2018-19

Date: 7th May, 2019

To,
Member Secretary
Gujarat Pollution Control Board
Paryavaran Bhavan,
Sector-10-A, Gandhinagar-382010

Sub: Environmental Statement for the financial year ending 31st March, 2019 for M/s Adani
Kandla Bulk Terminal Pvt Ltd (AKBTPL)

Ref: PCB ID: - 46110, Consent Order No. AWH – 68051

Dear Sir,

With reference to the above mentioned subject and reference, please find enclosed Environmental Statement in Form-V prescribed under Rule 14 of the Environment (Protection) Rules 1986, for M/s Adani Kandla Bulk Terminal Pvt Ltd, Ta. Anjar for the financial year ending 31st March 2019.

Thank you,

Yours faithfully,
For Adani Kandla Bulk Terminal Pvt Ltd



Hiren Shah
(BU Head – AKBTPL)

28-5-19
Received
Gujarat Pollution Control Board
Regional Office
Kutch (East)

Encl: As above.

Copy to:

1. The Regional Officer, Gujarat Pollution Control Board, Gandhidham.

Adani Kandla Bulk Terminal Pvt Ltd
Adani House
Nr Mithakhali Circle, Navrangpura
Ahmedabad 380 009
Gujarat, India
CIN: U63090GJ2012PTC069305

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Environment Statement for 2018-19 for M/s Adani Kandla Bulk Terminal Pvt Ltd

FORM V
(See Rule 14)

Environmental Statement for the Financial Year ending 31st March 2019

PART – A

- (i) Name and address of the Owner/
Occupier of the Industry Operation
or Process : Hiren Shah
Head – AKBTPPL
Adani Kandla Bulk Terminal Pvt Ltd.
Tuna Tekra, Taluka - Anjar
Dist. Kutch (Gujarat)
- (ii) Industry Category : Red – Large
Primary (STC Code) NA
Secondary (STC Code) NA
- (iii) Production Capacity : Dry Bulk Cargo Handling – 14 MMTPA
- (iv) Year of Establishment : 2011 – 12 (As per certification of
incorporation date of company)
- (v) Date of last Environment
Statement submitted : 19.04.2018

Environment Statement for 2018-19 for M/s Adani Kandla Bulk Terminal Pvt Ltd

PART – B

Water and Raw Material Consumption

(i) **Water Consumption**

Water Consumption Cu.Mtr./Day	
Process	Nil
Cooling (Used in sprinkling / gardening / dust suppression)	451.95 m ³ /day*
Domestic	8.07 m ³ /day*

Name of Products	Process Water Consumption per unit of Product Output	
	During the previous financial year (2017- 18)	During the current financial year (2018 - 19)
Handling and Storage of dry bulk cargo*	4.20 MMT	5.68 MMT

(ii) **Raw Material Consumption**

Name of Raw Material	Name of Products	Consumption of Raw Material per Unit of output	
		During the previous financial year (2017 - 18)	During the current financial year (2018 - 19)
NIL*	Not Applicable	Nil	Nil

Note: AKBTPPL is involved logistic business, hence there no raw material being used.

Environment Statement for 2018-19 for M/s Adani Kandla Bulk Terminal Pvt Ltd

PART – C

Pollutants discharged to Environment/Unit of Output
(Parameters as specified in consent issued)

Pollutants	Quantity of pollutants discharged (Mass/day)	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
(a) Water	AKBTPL is involved in logistic business; hence there is no process effluent discharge.		
(b) Air	<ul style="list-style-type: none">• DG sets are provided as standby power source and used during power failure.• All the ambient air parameters are within standards.• Refer Annexure 3 [Ambient Air Monitoring Reports]		

Environment Statement for 2018-19 for M/s Adani Kandla Bulk Terminal Pvt Ltd

PART – D

Hazardous Wastes

(As specified under Hazardous Wastes Management and Handling Rules 2016)

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year (2017-18)	During the current financial year (2018-19)
(a) From Process i. Oily Cotton Waste ii. Used Oil	Generation – 4.720 MT Disposed-2.182 MT (Authorized recycler) Reuse – 2.440 MT (Used in Railway siding and MBU machine as a lubricant)	<u>Oily Cotton waste:-</u> Generation:-Approx. 1.30 MT Disposed:-0.590 MT <u>Used Oil:-</u> Generation:-5.76 MT Reused:-2.26(Used in Railway siding and MBU machine as a lubricant) Disposed:-Nil In Stock End of the year:- 3.50 MT(Used Oil) & 1.30 MT(Oily Cotton Waste)
(b) From Pollution Control facilities	Nil	Nil

*AKBTPL is involved in logistic business; hence there is no process waste Generated.

Environment Statement for 2018-19 for M/s Adani Kandla Bulk Terminal Pvt Ltd

PART - E

Solid Waste

Solid Waste	Total Quantity Generated (MT/Annum)	
	During the previous financial year (2017-18)	During the current financial year (2018-19)
(a) From Process (Ash)	Nil	Nil
(b) From Pollution Control facilities	Nil	Nil
(C-1) Quantity recycled or reutilized within the unit	--	--
(C-2) Sold	--	--
(C-3) Disposed	--	--

PART - F

Please specify the characterization (in terms of Composition and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes:

Used oil is being sent to authorized recycler and sometimes same is being reused for the lubrication purpose in stitching machine and railway siding. Oily cotton waste is being sent to common hazardous waste incineration facility (GSPL) for the incineration process. Solid waste is being collected by the municipality authorized vendor and same is disposed at municipal corporation waste handling site.

PART - G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

Unit has installed Sewage Treatment Plant and for treatment of the Sewage water being generated at site. AKBTPL has planted mangroves in 250 ha area near Satsaida Bet (Kandla), Kutch sea cost. Unit has formed dedicated Horticulture department & developing green belt within port premises. So, far we have developed 14.10 Ha green belts within port premises and same is being well maintained.

The total cost incurred on environmental protection measures is enclosed as Annexure 1 and the green belt developed so far enclosed as Annexure 2.

Environment Statement for 2018-19 for M/s Adani Kandla Bulk Terminal Pvt Ltd

PART - H

Additional measures /investment/ proposal for environmental protection including abatement of pollution, prevention of pollution.

- Unit is doing Regular Environmental Monitoring of Port & surrounding area through reputed NABL certified Laboratory. All the required environmental parameters are well within specified limit & the details are being submitted regularly to GPCB, CPCB, MOEF & concerned authorities.
- Unit has installed STP for treatment of the Sewage water being generated at site. Unit has also provided dump pond & conveyance channel for collection of runoff generated from Coal Yard.
- Unit has installed OWC (organic waste converter) machine for treatment of daily food waste generated at site. Composting manure is being used by the horticulture department as an organic fertilizer.
- Unit has provided DSS at coal yard & conveyer system and carrying out regular water sprinkling to control the dust exposure.
- Unit is developing green belt within port and outside continually with help of Horticulture dept.
- Continually taking new initiatives for protection of environment with respect to air-water-soil.

PART - I

Any other particulars for improving the quality of environment:

- Environmental awareness programs have been conducted for workmen at site.
- Integrated housekeeping and waste management being maintained regularly.



Date : 07.05.2019

(Signature of a person carrying out an industry, operation or process)

Name : Hiren Shah

Designation : BU Head – AKBTP

Address : Adani Kandla Bulk Terminal Pvt Ltd,
Tuna Tekra, Taluka Anjar. District Kutch (Gujarat)

Environment Statement for 2018-19 for M/s Adani Kandla Bulk Terminal Pvt Ltd

Annexure 1: Expenditure Details on Environmental Safeguards during FY 2018- 19

Sr. no.	Activity	Cost incurred (INR in Lakh)
1	Environmental Monitoring	8.61
2	Greenbelt development [Area: 14.10 Hectare]	24.28
3	Disposal of wastes	13.66
4	Firefighting Equipment	191.58
	Dust Suppression	
5	Maintenance of conveyor belt.	66.5
	Total	304.63

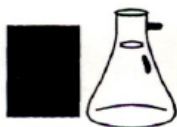
Environment Statement for 2018-19 for M/s Adani Kandla Bulk Terminal Pvt Ltd

Annexure – 2 Green zone developments details

CURRENT GREEN ZONE DETAILS OF TUNA PORT (AKBTPL) UP TO Mar.-2019								
Sr. No.	Green Zone Nos.	Location	Area (Ha)	Tree (No.)	Name of Species/Plant	Shrubs (SQM)	Green Carpet (SQM)	Palm (No.)
1	71a	SITE OFFICE BUILDING AND POB BUILDING AREA, SS-1 BUILDING	0.009	11	Neem (AZARDICA INDICA),	0	0	0
			0.22	2190	CASURINA PLANT	0	0	0
			0.01	25	Ficus Panda Topiary	0	0	0
			0.03		Washingtonian f.f.	0	0	87
			0.003		Almanda Dwarf.	25	0	0
			0.00		IXORA RED	15	0	0
			0.03		Lilly (HYMENOCALLIS SPECIOSA)	275	0	0
			0.0015		Euphorbia Milli	15	0	0
			0.85	2115	Eucalyptus spp	0	0	0
			0.00		Boungainvillia Red	25	0	0
			0.03		Cycus	0	0	68
			0.06		Inermi	625	0	
			0.03		Coconut	0	0	79
			0.04		Clerodendron Inerme.	423	0	0
0.86		Flat lawn	0	8569	0			
			2.17	4341		1403.00	8569.00	234
2	71b	GREEN BELT AREA & PUM HOUSE	3.82	9549	Casuarina Spp.	0	0	0
			0.674	843	Neem (AZARDICA INDICA),	0	0	0
			0.334	417	Peltophorum	0	0	0
			1.79	4485	Eucalyptus spp	0	0	0
			0.01		Coconut	0	0	34
			0.01		Inermi	50	0	0
			0.00		IXORA RED	48	0	0
			0.01		Nerrium	100	0	0
			6.66	15294.00		198.00	0.00	0.00
3	71c	5KM. ROAD	0.40		Washingtonian F.F	0	0	1006
			0.40	0.00		0.00	0.00	1006.00
4	71d	SS-2 BUILDING AREA & Jetty Road				0	0	0
			0.43	4262	Casuarina Spp.	0	0	0
			0.03	36	Neem (AZARDICA INDICA)	0	0	0
			0.02	227	Casuarina	0	0	0
			0.09		Inermi	875.00	0	0
			2.00	1251.00	Coconut	0	0	0
			2.57	5776.00		875.00	0.00	0.00
5	71e	INTERNAL ROAD, RAILWAY BUILDING	0.10		Washingtonian F.F	0	0	250.00
			0.72	7156	Casuarina Spp.	0	0	0
			0.13	143	Neem (AZARDICA INDICA),	0	0	0
			0.114	143	Peltophorum	0	0	0
			0.05	51	Neem (AZARDICA INDICA),	0	0	0
			0.02	153	Casuarina	0	0	0
			1.17	2925	Eucalyptus spp	0	0	0
			0.01		Flat lawn	0	60.78	0
			0.00		Inermi	30	0	0
0.00		Clerodendron Inerme.	100	0	0			
			2.30	10571.00		130.00	60.78	250.00
Total			14.10	35982.00		2606.00	8629.78	1490

Annexure - 3

(Ambient Air Monitoring Reports)



Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

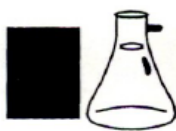
National Ambient Air Quality Standards Dated 16th Nov. 2009, CPCB New Delhi.

SR. NO.	TEST PARAMETER	UNIT	CONCENTRATION IN AMBIENT AIR**	Method Of Measurement
1	Particulate Matter (PM ₁₀)	µg/m ³	100	IS:5182(Part 23) SOP AAQM SPM -01
2	Particulate Matter (PM _{2.5})	µg/m ³	60	SOP AAQM PM2.5 - 06
3	Lead as Pb	µg/m ³	1.0	IS:5182(Part XXII) 04 SOP AAQM Lead - 05
4	Benzo (a) Pyrene (BaP)- particulate phase only	ng/m ³	1.0	SOP AAQM Bap - 09
5	Arsenic as As	ng/m ³	6.0	SOP AAQM Arsenic - 10
6	Nickel as Ni	ng/m ³	20	CPCB Method (Vol.I,May-2011)
7	Carbon Monoxide as CO	mg/m ³	4.0	SOP:AAQM CO-12
8	Benzene as C ₆ H ₆	µg/m ³	5.0	IS : 5182 (P - XI)
9	Ammonia (NH ₃)	µg/m ³	400	SOP AAQM NH ₃ - 08
10	Sulphur Dioxide (SO ₂)	µg/m ³	80	IS:5182(Part 2):Improved West and Gaeke
11	Oxides of Nitrogen (NO ₂)	µg/m ³	80	IS:5182(Part6) Modified Jacob & Hochheiser (Na-Arsenite)
12	Ozone (O ₃) ^s	µg/m ³	180	IS:5182(Part IX) SOP AAQM O3 - 07

** National Ambient Air Quality Standards Dated: 18/11/2009 as per Central Pollution Control Board, New Delhi.

Date of Sampling	: As per table	Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.	Protocol (Purpose)	: Ambient Air Quality Monitoring

Authorized Signatory



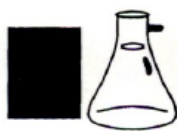
Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

TABLE NO. 1 AMBIENT AIR QUALITY MONITORING RESULTS OF LC GATE NO.2

Date of Sampling	PM ₁₀	PM _{2.5}	Pb	Bap	As	Ni	CO	C ₆ H ₆	NH ₃	SO ₂	NO _x	O ₃
	µg/m ³	µg/m ³	µg/m ³	ng/m ³	ng/m ³	ng/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
02/04/2018	69.28	39.20	BDL*	BDL*	BDL*	BDL*	0.45	BDL*	37.51	18.84	29.56	29.16
05/04/2018	57.62	25.38	BDL*	BDL*	BDL*	BDL*	0.37	BDL*	31.45	10.56	19.39	22.64
09/04/2018	82.58	47.10	0.56	BDL*	BDL*	BDL*	0.11	BDL*	23.08	25.55	32.77	25.19
12/04/2018	49.49	29.50	BDL*	BDL*	BDL*	BDL*	0.15	BDL*	41.55	19.40	26.30	28.24
16/04/2018	86.79	38.44	BDL*	BDL*	BDL*	BDL*	0.54	BDL*	28.28	21.43	35.60	15.21
19/04/2018	67.61	28.41	0.52	BDL*	BDL*	BDL*	0.56	BDL*	25.39	14.52	39.46	24.51
23/04/2018	76.31	48.74	BDL*	BDL*	BDL*	BDL*	0.25	BDL*	17.31	22.71	31.24	20.70
26/04/2018	63.90	24.29	BDL*	BDL*	BDL*	BDL*	0.17	BDL*	14.72	17.73	21.66	21.73
30/04/2018	72.79	30.09	BDL*	BDL*	BDL*	BDL*	0.29	BDL*	49.63	24.73	27.17	26.05
03/05/2018	76.65	46.81	BDL*	BDL*	BDL*	BDL*	0.76	BDL*	28.41	10.72	30.73	28.38
07/05/2018	69.59	34.88	BDL*	BDL*	BDL*	BDL*	0.13	BDL*	16.18	18.29	39.34	19.84
10/05/2018	93.39	51.81	0.67	BDL*	2.64	10.36	0.58	BDL*	32.41	13.46	29.24	22.42
14/05/2018	72.59	30.42	BDL*	BDL*	BDL*	BDL*	0.48	BDL*	43.42	16.58	36.21	29.33
17/05/2018	63.61	26.88	BDL*	BDL*	BDL*	BDL*	0.41	BDL*	35.43	8.60	16.36	20.85
21/05/2018	84.41	33.74	BDL*	BDL*	BDL*	BDL*	0.31	BDL*	23.47	19.68	32.87	27.34
24/05/2018	70.38	40.34	BDL*	BDL*	BDL*	BDL*	0.19	BDL*	33.67	21.73	21.89	18.81
28/05/2018	82.40	37.52	BDL*	BDL*	BDL*	10.61	0.39	BDL*	26.37	12.56	27.49	24.86
31/05/2018	64.27	25.63	BDL*	BDL*	BDL*	BDL*	0.47	BDL*	47.57	15.35	19.41	30.48
04/06/2018	62.13	29.27	BDL*	BDL*	BDL*	BDL*	0.14	BDL*	27.60	21.41	41.36	27.26
07/06/2018	78.70	42.44	BDL*	BDL*	BDL*	BDL*	0.25	BDL*	38.64	17.51	22.59	24.71
11/06/2018	55.48	25.68	BDL*	BDL*	BDL*	BDL*	0.39	BDL*	30.29	9.70	17.26	20.81
14/06/2018	76.57	35.48	BDL*	BDL*	BDL*	BDL*	0.52	BDL*	23.57	11.84	33.60	25.48
18/06/2018	69.30	31.28	BDL*	BDL*	BDL*	BDL*	0.45	BDL*	10.86	14.51	29.40	21.55
21/06/2018	50.36	27.56	BDL*	BDL*	BDL*	BDL*	0.32	BDL*	18.21	13.32	28.18	23.64
25/06/2018	64.20	32.39	BDL*	BDL*	BDL*	BDL*	0.42	BDL*	36.25	16.78	37.83	26.82
28/06/2018	73.49	41.23	BDL*	BDL*	BDL*	BDL*	0.50	BDL*	20.28	20.62	35.20	19.42
02/07/2018	57.91	32.27	BDL*	BDL*	BDL*	BDL*	0.53	BDL*	30.35	13.70	33.64	22.54
05/07/2018	66.69	23.43	BDL*	BDL*	BDL*	BDL*	0.62	BDL*	17.42	15.65	30.48	20.44
09/07/2018	53.35	20.64	BDL*	BDL*	BDL*	BDL*	0.29	BDL*	13.40	7.45	21.57	19.55
12/07/2018	69.32	28.39	BDL*	BDL*	BDL*	BDL*	0.64	BDL*	19.74	10.44	28.41	30.53
16/07/2018	48.36	21.52	BDL*	BDL*	BDL*	BDL*	0.30	BDL*	25.33	6.58	18.52	17.54
19/07/2018	70.50	30.77	BDL*	BDL*	BDL*	BDL*	0.40	BDL*	15.57	12.45	25.39	26.44
23/07/2018	62.99	37.23	BDL*	BDL*	BDL*	BDL*	0.55	BDL*	10.25	9.74	32.49	28.53
26/07/2018	56.37	24.35	BDL*	BDL*	BDL*	BDL*	0.17	BDL*	23.53	5.47	37.05	18.24
30/07/2018	72.44	29.68	BDL*	BDL*	BDL*	BDL*	0.31	BDL*	32.26	14.37	22.66	23.58
02/08/2018	74.48	33.65	BDL*	BDL*	BDL*	BDL*	0.54	BDL*	24.04	11.81	31.84	19.27
06/08/2018	52.24	27.52	BDL*	BDL*	BDL*	BDL*	0.31	BDL*	30.74	7.59	23.46	28.60
09/08/2018	79.60	30.43	BDL*	BDL*	BDL*	BDL*	0.25	BDL*	38.94	15.21	26.41	26.37
13/08/2018	62.70	26.35	BDL*	BDL*	BDL*	BDL*	0.37	BDL*	36.57	13.63	37.23	22.43
16/08/2018	72.42	44.25	BDL*	BDL*	BDL*	BDL*	0.52	BDL*	20.99	17.20	34.23	24.53
20/08/2018	48.25	25.35	BDL*	BDL*	BDL*	BDL*	0.14	BDL*	28.62	6.23	41.23	15.68
23/08/2018	57.60	21.68	BDL*	BDL*	BDL*	BDL*	0.33	BDL*	16.15	8.43	24.24	21.29
27/08/2018	68.33	29.39	BDL*	BDL*	BDL*	BDL*	0.49	BDL*	12.41	10.22	36.24	20.41
30/08/2018	76.52	32.60	BDL*	BDL*	BDL*	BDL*	0.15	BDL*	18.96	16.46	28.55	29.61
03/09/2018	64.56	30.39	BDL*	BDL*	BDL*	BDL*	0.30	BDL*	32.44	18.95	23.41	20.48
06/09/2018	81.22	35.26	BDL*	BDL*	BDL*	BDL*	0.16	BDL*	23.50	12.29	37.24	27.61
10/09/2018	54.31	21.22	BDL*	BDL*	BDL*	BDL*	0.61	BDL*	15.28	6.21	28.37	23.68
13/09/2018	68.42	33.43	BDL*	BDL*	BDL*	BDL*	0.44	BDL*	30.30	9.24	32.81	29.29
17/09/2018	83.21	43.58	BDL*	BDL*	BDL*	BDL*	0.64	BDL*	19.63	15.29	36.31	16.95
20/09/2018	75.62	36.22	BDL*	BDL*	BDL*	BDL*	0.58	BDL*	10.19	11.52	30.23	25.38
24/09/2018	65.69	39.18	BDL*	BDL*	BDL*	BDL*	0.17	BDL*	40.24	19.46	25.32	22.14
27/09/2018	58.31	24.26	BDL*	BDL*	BDL*	BDL*	0.37	BDL*	25.23	8.73	19.56	24.32

Continue...

Authorized Signatory

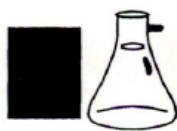


Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

TABLE NO. 1 AMBIENT AIR QUALITY MONITORING RESULTS OF LC GATE NO.2

Date of Sampling	PM ₁₀	PM _{2.5}	Pb	Bap	As	Ni	CO	C ₆ H ₆	NH ₃	SO ₂	NO _x	O ₃
	µg/m ³	µg/m ³	µg/m ³	ng/m ³	ng/m ³	ng/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
01/10/2018	79.35	40.18	BDL*	BDL*	BDL*	BDL*	0.49	BDL*	20.49	12.30	18.41	22.65
04/10/2018	63.55	26.64	BDL*	BDL*	BDL*	BDL*	0.19	BDL*	23.76	8.59	26.41	16.51
08/10/2018	75.67	45.64	BDL*	BDL*	BDL*	BDL*	0.47	BDL*	36.44	10.24	31.26	23.42
11/10/2018	68.30	23.59	BDL*	BDL*	BDL*	BDL*	0.27	BDL*	19.55	9.59	34.60	20.32
15/10/2018	76.30	46.73	0.54	BDL*	2.15	10.27	0.14	BDL*	28.80	7.48	24.57	17.38
18/10/2018	60.95	28.68	BDL*	BDL*	BDL*	BDL*	0.52	BDL*	22.30	11.26	16.41	24.33
22/10/2018	71.61	37.85	BDL*	BDL*	BDL*	BDL*	0.65	BDL*	30.32	6.89	27.38	15.69
25/10/2018	62.53	25.55	BDL*	BDL*	BDL*	BDL*	0.24	BDL*	11.59	14.28	20.41	25.34
29/10/2018	59.32	30.30	BDL*	BDL*	BDL*	BDL*	0.41	BDL*	15.34	15.24	32.47	19.94
01/11/2018	63.55	26.39	BDL*	BDL*	BDL*	BDL*	0.62	BDL*	28.24	15.62	38.32	21.51
05/11/2018	74.67	38.47	BDL*	BDL*	BDL*	BDL*	0.40	BDL*	40.27	9.22	35.40	17.61
08/11/2018	56.86	30.39	BDL*	BDL*	BDL*	BDL*	0.33	BDL*	33.45	6.49	42.41	27.95
12/11/2018	84.57	45.31	BDL*	BDL*	BDL*	BDL*	0.63	BDL*	26.48	14.24	28.35	24.32
15/11/2018	62.41	28.43	BDL*	BDL*	BDL*	BDL*	0.46	BDL*	18.35	12.94	23.24	30.43
19/11/2018	80.85	43.43	BDL*	BDL*	BDL*	BDL*	0.76	BDL*	46.65	10.56	20.68	19.26
22/11/2018	67.60	34.81	BDL*	BDL*	BDL*	BDL*	0.50	BDL*	36.31	8.40	30.50	20.40
26/11/2018	58.36	29.35	BDL*	BDL*	BDL*	BDL*	0.96	BDL*	49.66	19.45	34.53	28.74
29/11/2018	47.57	19.38	BDL*	BDL*	BDL*	BDL*	0.39	BDL*	19.24	11.74	19.58	18.69
03/12/2018	58.60	25.39	BDL*	BDL*	BDL*	BDL*	0.32	BDL*	11.27	5.70	15.60	25.64
06/12/2018	49.65	20.55	BDL*	BDL*	BDL*	BDL*	0.21	BDL*	28.40	12.48	27.32	18.47
10/12/2018	66.45	36.89	BDL*	BDL*	BDL*	BDL*	0.53	BDL*	38.47	14.80	22.27	28.84
13/12/2018	87.54	28.47	BDL*	BDL*	BDL*	BDL*	0.82	BDL*	29.41	16.37	39.03	26.81
17/12/2018	71.43	42.64	BDL*	BDL*	BDL*	BDL*	0.71	BDL*	14.57	19.28	36.87	16.07
20/12/2018	69.70	30.51	BDL*	BDL*	BDL*	BDL*	0.89	BDL*	23.48	9.70	23.28	23.54
24/12/2018	52.96	26.47	BDL*	BDL*	BDL*	BDL*	0.73	BDL*	31.53	15.55	31.92	30.35
27/12/2018	78.53	34.60	BDL*	BDL*	BDL*	BDL*	0.46	BDL*	26.42	11.59	28.32	24.63
31/12/2018	60.69	23.38	BDL*	BDL*	BDL*	BDL*	0.68	BDL*	36.57	18.60	24.76	21.04
03/01/2019	62.08	28.47	BDL*	BDL*	BDL*	BDL*	0.44	BDL*	26.03	11.52	24.30	23.58
07/01/2019	77.64	52.19	BDL*	BDL*	BDL*	BDL*	0.30	BDL*	17.91	14.50	29.21	27.59
10/01/2019	58.46	26.30	BDL*	BDL*	BDL*	BDL*	0.74	BDL*	12.93	18.68	30.74	17.69
14/01/2019	68.65	32.47	BDL*	BDL*	BDL*	BDL*	0.37	BDL*	38.71	21.05	22.15	16.42
17/01/2019	82.48	29.47	BDL*	BDL*	BDL*	BDL*	0.85	BDL*	44.29	9.41	19.42	20.49
21/01/2019	63.30	33.22	BDL*	BDL*	BDL*	BDL*	0.55	BDL*	29.67	6.90	33.40	25.31
24/01/2019	79.48	36.47	BDL*	BDL*	BDL*	BDL*	0.27	BDL*	34.78	16.71	28.51	18.29
28/01/2019	65.30	30.22	BDL*	BDL*	BDL*	BDL*	0.21	BDL*	24.82	10.51	16.38	21.80
31/01/2019	50.27	22.43	BDL*	BDL*	BDL*	BDL*	0.49	BDL*	18.88	8.46	26.55	19.67
04/02/2019	60.60	31.29	BDL*	BDL*	BDL*	BDL*	0.72	BDL*	21.56	10.29	21.68	22.55
07/02/2019	55.64	23.58	BDL*	BDL*	BDL*	BDL*	0.42	BDL*	34.23	13.46	24.60	24.66
11/02/2019	81.66	43.49	BDL*	BDL*	BDL*	BDL*	0.68	BDL*	28.40	17.37	39.23	20.35
14/02/2019	52.49	20.50	BDL*	BDL*	BDL*	BDL*	0.52	BDL*	17.56	8.53	27.52	25.67
18/02/2019	66.58	40.58	BDL*	BDL*	BDL*	BDL*	0.62	BDL*	24.24	6.89	22.31	27.57
21/02/2019	58.48	28.45	BDL*	BDL*	BDL*	BDL*	0.71	BDL*	40.23	15.70	19.21	18.69
25/02/2019	71.61	37.41	BDL*	BDL*	BDL*	BDL*	0.40	BDL*	15.35	12.65	35.44	23.57
28/02/2019	64.23	32.54	BDL*	BDL*	BDL*	BDL*	0.50	BDL*	33.40	9.69	18.66	26.29
04/03/2019	59.75	26.99	BDL*	BDL*	BDL*	BDL*	0.55	BDL*	24.20	15.41	39.47	30.89
07/03/2019	74.37	39.58	BDL*	BDL*	BDL*	BDL*	0.65	BDL*	40.22	9.21	33.41	17.87
11/03/2019	66.57	23.45	BDL*	BDL*	BDL*	BDL*	0.30	BDL*	32.41	16.87	37.20	28.48
14/03/2019	84.31	44.20	BDL*	BDL*	BDL*	BDL*	0.40	BDL*	26.87	18.70	28.29	24.25
18/03/2019	61.24	25.45	BDL*	BDL*	BDL*	BDL*	0.46	BDL*	17.71	12.20	25.36	29.65
21/03/2019	86.27	40.28	BDL*	BDL*	BDL*	BDL*	0.26	BDL*	21.38	10.28	21.54	26.23
25/03/2019	64.29	28.49	BDL*	BDL*	BDL*	BDL*	0.50	BDL*	35.48	6.42	27.00	22.33
28/03/2019	78.38	45.28	BDL*	BDL*	BDL*	BDL*	0.63	BDL*	41.29	19.64	30.40	25.69

BDL*: Below Detection Limit, Minimum Detection Limit, Lead as Pb (µg/m³):0.5, Benzo (a) Pyrene (BaP) - particulate phase only (ng/m³): 0.5, Nickel as Ni (ng/m³):10, Arsenic as As (ng/m³):2, Benzene as C₆H₆ (µg/m³):2**Authorized Signatory**



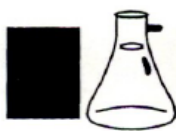
Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

TABLE NO. 2 AMBIENT AIR QUALITY MONITORING RESULTS OF STARTING OF PILE APPROACH

Date of Sampling	PM ₁₀	PM _{2.5}	Pb	Bap	As	Ni	CO	C ₆ H ₆	NH ₃	SO ₂	NO _x	O ₃
	µg/m ³	µg/m ³	µg/m ³	ng/m ³	ng/m ³	ng/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
02/04/2018	88.22	48.39	0.58	BDL*	2.24	10.62	0.38	BDL*	23.79	24.70	35.45	27.41
05/04/2018	51.40	22.35	BDL*	BDL*	BDL*	BDL*	0.30	BDL*	44.67	16.84	23.37	15.42
09/04/2018	77.81	32.39	0.67	BDL*	2.36	10.85	0.21	BDL*	35.68	12.43	38.41	19.62
12/04/2018	63.71	24.95	BDL*	BDL*	BDL*	BDL*	0.32	BDL*	58.60	14.63	32.73	22.58
16/04/2018	73.23	30.41	BDL*	BDL*	BDL*	BDL*	0.41	BDL*	39.16	20.69	24.30	17.53
19/04/2018	80.42	34.32	0.78	BDL*	2.78	11.17	0.34	BDL*	42.64	18.29	30.55	20.35
23/04/2018	83.19	51.21	BDL*	BDL*	BDL*	BDL*	0.31	BDL*	33.65	26.11	42.29	18.60
26/04/2018	70.22	29.40	BDL*	BDL*	BDL*	BDL*	0.63	BDL*	19.73	11.27	29.48	16.21
30/04/2018	86.29	45.41	BDL*	BDL*	BDL*	BDL*	0.46	BDL*	37.13	19.31	22.57	21.23
03/05/2018	85.62	49.19	0.54	BDL*	BDL*	BDL*	0.45	BDL*	47.38	12.65	26.77	17.42
07/05/2018	76.32	39.40	BDL*	BDL*	BDL*	BDL*	0.18	BDL*	21.61	6.67	35.54	22.39
10/05/2018	82.53	47.34	0.58	BDL*	2.36	BDL*	0.52	BDL*	44.25	9.77	42.63	20.60
14/05/2018	92.59	43.65	0.77	BDL*	2.64	10.81	0.44	BDL*	26.58	11.55	31.55	24.65
17/05/2018	57.32	22.68	BDL*	BDL*	BDL*	BDL*	0.34	BDL*	50.35	14.44	19.12	15.63
21/05/2018	90.31	38.60	0.52	BDL*	2.25	BDL*	0.55	BDL*	37.64	23.43	24.19	19.97
24/05/2018	78.63	45.87	BDL*	BDL*	BDL*	BDL*	0.30	BDL*	41.58	17.38	45.42	23.67
28/05/2018	89.32	48.48	0.71	BDL*	2.34	10.18	0.17	BDL*	54.23	10.66	34.37	26.48
31/05/2018	70.28	30.41	BDL*	BDL*	BDL*	BDL*	0.37	BDL*	61.24	13.57	29.36	28.25
04/06/2018	78.48	36.55	BDL*	BDL*	BDL*	BDL*	0.21	BDL*	33.54	18.64	27.47	23.22
07/06/2018	85.45	38.65	0.52	BDL*	BDL*	BDL*	0.36	BDL*	48.94	23.39	32.47	28.21
11/06/2018	72.60	46.21	BDL*	BDL*	BDL*	BDL*	0.29	BDL*	54.78	15.36	20.85	18.42
14/06/2018	83.77	37.60	0.65	BDL*	2.32	10.31	0.34	BDL*	40.21	13.22	28.43	16.70
18/06/2018	79.45	40.21	BDL*	BDL*	BDL*	BDL*	0.64	BDL*	35.42	10.26	23.50	22.48
21/06/2018	89.67	48.22	BDL*	BDL*	BDL*	BDL*	0.15	BDL*	45.73	11.57	36.70	25.21
25/06/2018	94.22	50.61	0.70	BDL*	2.25	10.58	0.37	BDL*	22.64	21.27	41.67	21.22
28/06/2018	82.67	44.65	0.62	BDL*	2.46	10.37	0.71	BDL*	31.22	25.42	38.10	27.52
02/07/2018	83.43	45.41	0.62	BDL*	2.22	10.51	0.66	BDL*	19.20	23.43	37.54	28.62
05/07/2018	75.90	35.72	BDL*	BDL*	BDL*	BDL*	0.87	BDL*	26.37	19.53	34.53	25.59
09/07/2018	90.31	49.36	0.84	BDL*	2.66	10.61	0.38	BDL*	17.65	14.58	26.33	23.47
12/07/2018	85.42	42.68	0.59	BDL*	2.46	10.23	0.27	BDL*	33.45	17.70	25.54	15.32
16/07/2018	66.75	27.66	BDL*	BDL*	BDL*	BDL*	0.48	BDL*	45.39	11.22	20.32	26.57
19/07/2018	81.25	33.62	0.66	BDL*	2.18	10.15	0.33	BDL*	55.43	16.25	32.83	18.38
23/07/2018	72.97	40.54	BDL*	BDL*	BDL*	BDL*	0.79	BDL*	29.35	18.31	39.23	22.82
26/07/2018	44.52	20.48	BDL*	BDL*	BDL*	BDL*	0.25	BDL*	13.52	12.53	24.74	16.53
30/07/2018	78.27	32.44	BDL*	BDL*	BDL*	BDL*	0.44	BDL*	41.24	19.30	30.50	27.52
02/08/2018	82.64	37.73	0.64	BDL*	2.56	10.89	0.39	BDL*	39.89	19.62	28.39	29.34
06/08/2018	70.69	41.26	BDL*	BDL*	BDL*	BDL*	0.23	BDL*	54.19	12.38	30.47	17.27
09/08/2018	84.48	45.62	BDL*	BDL*	BDL*	BDL*	0.32	BDL*	49.72	21.64	35.62	23.42
13/08/2018	72.61	32.69	0.82	BDL*	2.28	10.60	0.71	BDL*	22.82	17.52	41.62	25.22
16/08/2018	80.43	47.68	BDL*	BDL*	BDL*	BDL*	0.47	BDL*	31.61	22.61	37.58	28.31
20/08/2018	48.41	19.52	BDL*	BDL*	BDL*	BDL*	0.42	BDL*	16.26	10.40	27.60	21.54
23/08/2018	62.47	34.54	BDL*	BDL*	BDL*	BDL*	0.27	BDL*	21.09	13.52	31.23	16.57
27/08/2018	78.64	31.52	0.54	BDL*	2.56	10.23	0.56	BDL*	35.27	20.39	44.34	18.67
30/08/2018	87.65	39.66	BDL*	BDL*	BDL*	BDL*	0.44	BDL*	66.16	18.68	32.61	22.56
03/09/2018	76.57	33.29	BDL*	BDL*	BDL*	BDL*	0.50	BDL*	40.55	20.46	31.63	21.35
06/09/2018	87.28	46.55	BDL*	BDL*	BDL*	BDL*	0.63	BDL*	13.88	18.60	24.25	19.51
10/09/2018	59.69	24.82	BDL*	BDL*	BDL*	BDL*	0.56	BDL*	18.45	10.26	25.46	25.48
13/09/2018	78.47	44.51	BDL*	BDL*	BDL*	BDL*	0.55	BDL*	25.39	14.65	36.51	23.43
17/09/2018	89.38	38.54	0.56	BDL*	2.36	10.49	0.33	BDL*	32.30	19.20	42.35	26.36
20/09/2018	93.74	49.22	0.68	BDL*	2.56	10.25	0.66	BDL*	28.59	16.35	38.49	16.54
24/09/2018	77.51	45.22	BDL*	BDL*	BDL*	BDL*	0.52	BDL*	54.25	17.26	28.48	20.28
27/09/2018	85.60	40.38	BDL*	BDL*	BDL*	BDL*	0.27	BDL*	43.66	11.48	22.60	22.81

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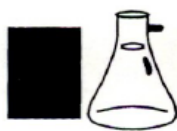
Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

TABLE NO. 2 AMBIENT AIR QUALITY MONITORING RESULTS OF STARTING OF PILE APPROACH

Date of Sampling	PM ₁₀	PM _{2.5}	Pb	Bap	As	Ni	CO	C ₆ H ₆	NH ₃	SO ₂	NO _x	O ₃
	µg/m ³	µg/m ³	µg/m ³	ng/m ³	ng/m ³	ng/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
01/10/2018	89.94	48.30	BDL*	BDL*	BDL*	BDL*	0.63	BDL*	34.29	17.20	29.46	18.40
04/10/2018	72.35	32.54	BDL*	BDL*	BDL*	BDL*	0.56	BDL*	39.58	15.48	34.55	24.21
08/10/2018	85.67	50.26	0.56	BDL*	2.34	10.49	0.78	BDL*	27.53	24.61	39.45	26.38
11/10/2018	62.48	30.70	BDL*	BDL*	BDL*	BDL*	0.60	BDL*	30.47	19.34	27.61	28.43
15/10/2018	91.58	54.60	0.73	BDL*	2.26	10.73	0.39	BDL*	52.71	21.44	33.67	20.40
18/10/2018	70.33	31.58	BDL*	BDL*	BDL*	BDL*	0.85	BDL*	38.61	16.52	23.20	27.22
22/10/2018	81.23	45.88	0.64	BDL*	2.42	10.14	0.72	BDL*	42.57	18.24	30.47	19.34
25/10/2018	68.72	29.95	BDL*	BDL*	BDL*	BDL*	0.48	BDL*	20.24	22.50	40.29	29.24
29/10/2018	79.43	44.55	BDL*	BDL*	BDL*	BDL*	0.61	BDL*	46.27	11.50	24.20	25.51
01/11/2018	70.70	30.20	BDL*	BDL*	BDL*	BDL*	0.78	BDL*	15.58	20.32	42.63	23.50
05/11/2018	82.79	34.58	BDL*	BDL*	BDL*	BDL*	0.66	BDL*	20.49	16.28	30.63	19.51
08/11/2018	95.41	51.81	0.84	BDL*	2.78	10.80	0.53	BDL*	42.65	18.46	27.60	25.38
12/11/2018	89.69	40.50	0.65	BDL*	2.56	10.40	0.97	BDL*	10.83	21.28	32.69	30.68
15/11/2018	72.45	37.62	BDL*	BDL*	BDL*	BDL*	0.69	BDL*	37.50	17.65	35.73	17.51
19/11/2018	61.33	28.36	BDL*	BDL*	BDL*	BDL*	1.03	BDL*	22.55	23.33	41.22	29.47
22/11/2018	91.33	48.39	0.56	BDL*	2.60	10.28	0.58	BDL*	26.56	13.58	26.47	24.53
26/11/2018	86.36	44.72	0.76	BDL*	2.34	10.17	0.37	BDL*	41.54	14.53	28.92	20.69
29/11/2018	77.88	32.62	BDL*	BDL*	BDL*	BDL*	0.90	BDL*	32.66	22.89	33.82	22.75
03/12/2018	68.36	41.80	BDL*	BDL*	BDL*	BDL*	0.36	BDL*	20.38	14.37	28.06	16.84
06/12/2018	59.48	25.53	BDL*	BDL*	BDL*	BDL*	0.49	BDL*	34.58	18.28	35.08	25.81
10/12/2018	86.55	43.51	BDL*	BDL*	BDL*	BDL*	0.92	BDL*	51.27	20.44	38.12	24.00
13/12/2018	79.66	32.45	0.55	BDL*	2.26	10.25	0.79	BDL*	43.64	9.48	23.12	22.17
17/12/2018	89.63	48.51	BDL*	BDL*	BDL*	BDL*	0.85	BDL*	56.30	24.25	45.17	29.70
20/12/2018	90.63	52.47	0.64	BDL*	2.46	10.60	0.61	BDL*	30.54	15.40	26.60	19.58
24/12/2018	62.62	38.58	BDL*	BDL*	BDL*	BDL*	0.87	BDL*	46.21	19.36	36.21	17.82
27/12/2018	85.49	50.22	0.66	BDL*	2.38	10.36	0.58	BDL*	23.58	21.68	42.04	28.76
31/12/2018	66.36	34.54	BDL*	BDL*	BDL*	BDL*	0.77	BDL*	48.60	17.61	40.20	26.63
03/01/2019	71.76	31.53	BDL*	BDL*	BDL*	BDL*	0.46	BDL*	21.68	16.47	38.58	26.37
07/01/2019	95.36	56.31	0.64	BDL*	2.64	10.71	0.96	BDL*	43.33	24.32	33.52	23.48
10/01/2019	89.36	47.51	0.54	BDL*	2.52	10.77	0.86	BDL*	47.64	21.57	40.22	28.21
14/01/2019	75.34	39.33	BDL*	BDL*	BDL*	BDL*	0.64	BDL*	52.93	17.48	36.48	25.72
17/01/2019	88.30	42.63	0.62	BDL*	2.46	10.39	0.98	BDL*	26.53	13.27	26.69	18.64
21/01/2019	68.41	36.37	BDL*	BDL*	BDL*	BDL*	0.84	BDL*	37.39	8.31	20.84	20.43
24/01/2019	84.33	40.25	0.74	BDL*	2.38	10.58	0.92	BDL*	40.81	10.28	39.46	29.63
28/01/2019	78.58	45.63	BDL*	BDL*	BDL*	BDL*	0.61	BDL*	29.63	15.31	24.63	27.64
31/01/2019	56.40	29.24	BDL*	BDL*	BDL*	BDL*	0.45	BDL*	20.75	12.57	31.20	24.62
04/02/2019	73.49	45.62	BDL*	BDL*	BDL*	BDL*	0.57	BDL*	25.39	20.49	32.60	20.52
07/02/2019	64.68	32.41	BDL*	BDL*	BDL*	BDL*	0.82	BDL*	44.57	16.42	21.55	15.83
11/02/2019	92.68	48.41	0.58	BDL*	2.46	10.49	0.53	BDL*	36.72	23.45	36.64	23.40
14/02/2019	78.53	38.58	BDL*	BDL*	BDL*	BDL*	0.41	BDL*	21.62	11.35	33.47	28.34
18/02/2019	86.24	49.32	BDL*	BDL*	BDL*	BDL*	0.49	BDL*	33.51	15.37	38.24	22.80
21/02/2019	76.25	34.33	0.52	BDL*	2.24	BDL*	0.79	BDL*	22.58	18.20	24.23	25.31
25/02/2019	95.49	55.57	0.76	BDL*	2.48	10.71	0.65	BDL*	37.51	22.48	31.28	18.22
28/02/2019	80.61	37.45	0.84	BDL*	BDL*	BDL*	0.70	BDL*	30.43	14.42	26.48	30.23
04/03/2019	69.36	30.87	BDL*	BDL*	BDL*	BDL*	0.73	BDL*	28.43	22.65	26.83	18.45
07/03/2019	84.68	52.45	0.56	BDL*	2.06	10.68	0.53	BDL*	50.34	19.47	45.28	26.31
11/03/2019	71.18	34.58	BDL*	BDL*	BDL*	BDL*	0.64	BDL*	38.33	11.21	30.29	16.29
14/03/2019	90.42	50.49	0.64	BDL*	2.54	10.49	0.81	BDL*	33.49	26.28	40.28	30.25
18/03/2019	75.33	36.41	BDL*	BDL*	BDL*	BDL*	0.62	BDL*	20.93	18.45	37.41	20.90
21/03/2019	92.66	49.45	0.72	BDL*	2.34	10.28	0.38	BDL*	30.44	13.43	35.68	24.47
25/03/2019	70.70	31.24	BDL*	BDL*	BDL*	BDL*	0.82	BDL*	16.26	16.29	29.24	28.87
28/03/2019	93.04	55.24	0.51	BDL*	2.56	10.25	0.25	BDL*	46.35	23.41	36.20	19.19

BDL*: Below Detection Limit, Minimum Detection Limit, Lead as Pb (µg/m³):0.5, Benzo (a) Pyrene (BaP) - particulate phase only (ng/m³): 0.5, Nickel as Ni (ng/m³):10, Arsenic as As (ng/m³):2, Benzene as C₆H₆ (µg/m³):2

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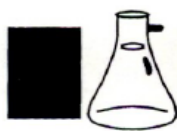
Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

TABLE NO. 3 AMBIENT AIR QUALITY MONITORING RESULTS OF SOUTH WEST CORNER AT PUMP HOUSE

Date of Sampling	PM ₁₀	PM _{2.5}	Pb	Bap	As	Ni	CO	C ₆ H ₆	NH ₃	SO ₂	NO _x	O ₃
	µg/m ³	µg/m ³	µg/m ³	ng/m ³	ng/m ³	ng/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
02/04/2018	80.59	44.67	BDL*	BDL*	BDL*	BDL*	0.22	BDL*	24.61	10.49	18.47	21.67
05/04/2018	44.81	16.62	BDL*	BDL*	BDL*	BDL*	0.47	BDL*	29.59	5.29	15.66	25.54
09/04/2018	72.87	38.86	BDL*	BDL*	BDL*	BDL*	0.24	BDL*	42.19	8.50	25.56	17.60
12/04/2018	51.54	15.60	BDL*	BDL*	BDL*	BDL*	0.18	BDL*	31.64	12.16	21.63	24.54
16/04/2018	62.49	20.89	BDL*	BDL*	BDL*	BDL*	0.36	BDL*	18.46	17.55	29.41	20.68
19/04/2018	75.21	31.19	BDL*	BDL*	BDL*	BDL*	0.50	BDL*	32.81	15.48	27.05	23.60
23/04/2018	61.69	35.67	BDL*	BDL*	BDL*	BDL*	0.42	BDL*	20.51	19.41	34.63	28.24
26/04/2018	55.43	23.86	BDL*	BDL*	BDL*	BDL*	0.33	BDL*	10.84	7.61	16.23	26.40
30/04/2018	64.42	27.91	BDL*	BDL*	BDL*	BDL*	0.26	BDL*	21.39	9.34	32.12	18.62
03/05/2018	65.72	48.80	BDL*	BDL*	BDL*	BDL*	0.15	BDL*	38.62	7.65	21.47	20.72
07/05/2018	59.68	31.23	BDL*	BDL*	BDL*	BDL*	0.33	BDL*	11.45	15.79	31.70	24.38
10/05/2018	68.43	36.63	BDL*	BDL*	BDL*	BDL*	0.46	BDL*	21.40	11.58	27.90	18.35
14/05/2018	79.41	32.87	BDL*	BDL*	BDL*	BDL*	0.38	BDL*	32.67	9.59	25.59	22.59
17/05/2018	49.27	19.21	BDL*	BDL*	BDL*	BDL*	0.29	BDL*	27.57	5.54	14.59	17.38
21/05/2018	67.38	27.74	BDL*	BDL*	BDL*	BDL*	0.13	BDL*	19.52	17.93	20.49	21.61
24/05/2018	57.58	33.62	BDL*	BDL*	BDL*	BDL*	0.24	BDL*	24.38	13.80	33.44	29.39
28/05/2018	78.39	44.83	BDL*	BDL*	BDL*	BDL*	0.49	BDL*	47.64	6.34	22.60	16.63
31/05/2018	54.20	22.70	BDL*	BDL*	BDL*	BDL*	0.60	BDL*	36.74	10.38	18.35	19.50
04/06/2018	69.81	29.68	BDL*	BDL*	BDL*	BDL*	0.11	BDL*	21.51	13.52	34.23	29.47
07/06/2018	73.55	34.18	BDL*	BDL*	BDL*	BDL*	0.16	BDL*	35.77	10.54	19.51	17.58
11/06/2018	66.28	41.56	BDL*	BDL*	BDL*	BDL*	0.24	BDL*	22.74	5.63	14.62	23.41
14/06/2018	70.36	30.72	BDL*	BDL*	BDL*	BDL*	0.18	BDL*	26.20	8.68	22.61	20.58
18/06/2018	53.62	26.37	BDL*	BDL*	BDL*	BDL*	0.27	BDL*	13.22	12.65	27.27	18.57
21/06/2018	60.31	35.64	BDL*	BDL*	BDL*	BDL*	0.38	BDL*	39.29	7.53	31.97	15.65
25/06/2018	72.62	27.53	BDL*	BDL*	BDL*	BDL*	0.17	BDL*	27.84	14.23	26.00	19.25
28/06/2018	65.60	39.52	BDL*	BDL*	BDL*	BDL*	0.57	BDL*	16.38	18.59	33.35	24.24
02/07/2018	66.49	35.52	BDL*	BDL*	BDL*	BDL*	0.21	BDL*	23.66	11.53	23.61	18.59
05/07/2018	55.66	28.45	BDL*	BDL*	BDL*	BDL*	0.71	BDL*	14.57	17.51	27.31	22.42
09/07/2018	65.62	38.48	BDL*	BDL*	BDL*	BDL*	0.32	BDL*	10.52	9.54	19.59	21.53
12/07/2018	74.38	33.57	BDL*	BDL*	BDL*	BDL*	0.23	BDL*	22.51	12.71	15.31	19.35
16/07/2018	59.38	24.53	BDL*	BDL*	BDL*	BDL*	0.39	BDL*	19.52	7.59	18.65	23.65
19/07/2018	76.23	29.60	BDL*	BDL*	BDL*	BDL*	0.47	BDL*	33.21	10.30	29.31	24.59
23/07/2018	54.53	22.67	BDL*	BDL*	BDL*	BDL*	0.34	BDL*	13.22	6.43	25.65	17.61
26/07/2018	49.60	26.32	BDL*	BDL*	BDL*	BDL*	0.14	BDL*	18.64	13.49	30.74	26.86
30/07/2018	67.19	39.50	BDL*	BDL*	BDL*	BDL*	0.19	BDL*	28.46	8.52	17.46	16.04
02/08/2018	79.53	31.61	BDL*	BDL*	BDL*	BDL*	0.34	BDL*	26.61	14.56	17.53	26.52
06/08/2018	64.56	38.43	BDL*	BDL*	BDL*	BDL*	0.29	BDL*	23.45	9.64	20.79	22.68
09/08/2018	71.84	42.65	BDL*	BDL*	BDL*	BDL*	0.16	BDL*	33.77	12.69	31.43	20.36
13/08/2018	68.65	29.51	BDL*	BDL*	BDL*	BDL*	0.55	BDL*	28.23	10.67	26.54	18.57
16/08/2018	59.86	34.58	BDL*	BDL*	BDL*	BDL*	0.57	BDL*	17.51	19.53	30.20	25.45
20/08/2018	53.32	21.88	BDL*	BDL*	BDL*	BDL*	0.26	BDL*	22.14	8.69	34.53	17.53
23/08/2018	70.31	37.26	BDL*	BDL*	BDL*	BDL*	0.36	BDL*	12.71	11.54	21.69	23.61
27/08/2018	58.42	24.54	BDL*	BDL*	BDL*	BDL*	0.40	BDL*	15.78	7.59	28.69	30.42
30/08/2018	63.44	30.50	BDL*	BDL*	BDL*	BDL*	0.11	BDL*	39.35	13.45	23.62	28.47
03/09/2018	70.57	25.62	BDL*	BDL*	BDL*	BDL*	0.24	BDL*	27.66	11.22	27.54	18.67
06/09/2018	66.58	39.57	BDL*	BDL*	BDL*	BDL*	0.38	BDL*	18.63	14.27	33.50	21.61
10/09/2018	47.59	18.59	BDL*	BDL*	BDL*	BDL*	0.29	BDL*	10.68	8.62	15.22	26.44
13/09/2018	72.68	40.24	BDL*	BDL*	BDL*	BDL*	0.65	BDL*	23.49	12.58	23.62	19.62
17/09/2018	58.40	30.29	BDL*	BDL*	BDL*	BDL*	0.41	BDL*	29.22	9.43	32.41	24.67
20/09/2018	65.24	26.48	BDL*	BDL*	BDL*	BDL*	0.47	BDL*	12.81	13.62	24.53	22.54
24/09/2018	50.29	33.43	BDL*	BDL*	BDL*	BDL*	0.22	BDL*	31.62	10.43	20.61	25.77
27/09/2018	63.30	29.51	BDL*	BDL*	BDL*	BDL*	0.34	BDL*	19.26	15.65	17.63	17.52

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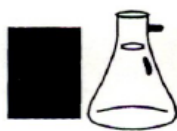
Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

TABLE NO. 3 AMBIENT AIR QUALITY MONITORING RESULTS OF SOUTH WEST CORNER AT PUMP HOUSE

Date of Sampling	PM ₁₀	PM _{2.5}	Pb	Bap	As	Ni	CO	C ₆ H ₆	NH ₃	SO ₂	NO _x	O ₃
	µg/m ³	µg/m ³	µg/m ³	ng/m ³	ng/m ³	ng/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
01/10/2018	67.41	36.89	BDL*	BDL*	BDL*	BDL*	0.25	BDL*	18.66	15.59	26.38	23.55
04/10/2018	59.44	28.87	BDL*	BDL*	BDL*	BDL*	0.46	BDL*	20.34	6.48	18.62	20.55
08/10/2018	70.14	39.57	BDL*	BDL*	BDL*	BDL*	0.31	BDL*	13.60	18.62	23.50	28.66
11/10/2018	56.36	26.74	BDL*	BDL*	BDL*	BDL*	0.44	BDL*	16.36	7.67	31.18	25.44
15/10/2018	65.33	35.68	BDL*	BDL*	BDL*	BDL*	0.18	BDL*	38.39	16.25	16.23	15.52
18/10/2018	52.68	24.65	BDL*	BDL*	BDL*	BDL*	0.45	BDL*	30.22	14.31	28.17	29.34
22/10/2018	62.39	34.51	BDL*	BDL*	BDL*	BDL*	0.26	BDL*	22.49	12.27	22.64	21.53
25/10/2018	50.23	20.64	BDL*	BDL*	BDL*	BDL*	0.38	BDL*	26.30	17.54	30.57	19.65
29/10/2018	64.56	33.51	BDL*	BDL*	BDL*	BDL*	0.33	BDL*	12.67	9.63	19.60	22.34
01/11/2018	56.37	22.44	BDL*	BDL*	BDL*	BDL*	0.30	BDL*	20.20	10.28	18.30	19.61
05/11/2018	65.73	25.69	BDL*	BDL*	BDL*	BDL*	0.16	BDL*	28.63	12.65	25.34	21.35
08/11/2018	76.38	43.62	BDL*	BDL*	BDL*	BDL*	0.41	BDL*	18.55	9.68	20.52	15.67
12/11/2018	58.58	35.64	BDL*	BDL*	BDL*	BDL*	0.68	BDL*	21.50	18.27	23.45	18.59
15/11/2018	67.33	31.67	BDL*	BDL*	BDL*	BDL*	0.32	BDL*	12.63	15.32	29.43	22.49
19/11/2018	73.55	37.60	BDL*	BDL*	BDL*	BDL*	0.64	BDL*	16.59	8.64	32.78	27.55
22/11/2018	54.96	20.43	BDL*	BDL*	BDL*	BDL*	0.87	BDL*	19.31	11.24	37.69	29.34
26/11/2018	71.68	33.47	BDL*	BDL*	BDL*	BDL*	0.19	BDL*	24.31	13.50	22.21	16.53
29/11/2018	52.42	28.28	BDL*	BDL*	BDL*	BDL*	0.27	BDL*	10.35	6.31	16.33	20.22
03/12/2018	62.71	20.43	BDL*	BDL*	BDL*	BDL*	0.44	BDL*	15.42	7.81	21.44	20.31
06/12/2018	54.58	18.05	BDL*	BDL*	BDL*	BDL*	0.22	BDL*	19.63	10.52	38.62	22.62
10/12/2018	82.43	46.67	BDL*	BDL*	BDL*	BDL*	0.74	BDL*	42.40	12.38	32.24	26.73
13/12/2018	75.30	39.82	BDL*	BDL*	BDL*	BDL*	0.50	BDL*	22.44	6.25	19.31	29.04
17/12/2018	55.80	30.79	BDL*	BDL*	BDL*	BDL*	0.40	BDL*	28.37	11.65	28.68	23.95
20/12/2018	80.41	27.37	BDL*	BDL*	BDL*	BDL*	0.78	BDL*	38.68	13.57	35.62	25.98
24/12/2018	78.35	43.58	BDL*	BDL*	BDL*	BDL*	0.64	BDL*	36.13	9.23	27.27	15.52
27/12/2018	52.74	25.74	BDL*	BDL*	BDL*	BDL*	0.27	BDL*	18.50	16.50	34.58	17.42
31/12/2018	71.57	38.27	BDL*	BDL*	BDL*	BDL*	0.57	BDL*	25.32	14.53	37.50	30.67
03/01/2019	55.62	21.56	BDL*	BDL*	BDL*	BDL*	0.58	BDL*	16.60	19.30	29.49	18.56
07/01/2019	71.82	42.95	BDL*	BDL*	BDL*	BDL*	0.53	BDL*	35.90	20.21	24.57	29.52
10/01/2019	81.70	37.43	BDL*	BDL*	BDL*	BDL*	0.57	BDL*	26.77	16.51	37.58	21.67
14/01/2019	52.38	26.53	BDL*	BDL*	BDL*	BDL*	0.48	BDL*	20.81	13.52	15.38	28.43
17/01/2019	77.53	32.63	BDL*	BDL*	BDL*	BDL*	0.65	BDL*	34.05	6.58	36.53	24.19
21/01/2019	56.10	30.25	BDL*	BDL*	BDL*	BDL*	0.41	BDL*	24.19	10.29	27.55	16.01
24/01/2019	68.34	27.57	BDL*	BDL*	BDL*	BDL*	0.77	BDL*	30.96	7.58	23.88	27.80
28/01/2019	58.37	20.56	BDL*	BDL*	BDL*	BDL*	0.47	BDL*	19.88	12.49	19.39	19.34
31/01/2019	61.25	25.36	BDL*	BDL*	BDL*	BDL*	0.36	BDL*	12.91	9.21	22.67	22.48
04/02/2019	68.50	37.41	BDL*	BDL*	BDL*	BDL*	0.27	BDL*	18.67	16.40	28.33	15.32
07/02/2019	51.31	20.25	BDL*	BDL*	BDL*	BDL*	0.18	BDL*	26.81	8.70	31.89	19.52
11/02/2019	74.61	34.58	BDL*	BDL*	BDL*	BDL*	0.38	BDL*	22.40	14.33	21.25	25.54
14/02/2019	58.37	25.45	BDL*	BDL*	BDL*	BDL*	0.31	BDL*	10.72	10.34	18.25	22.40
18/02/2019	70.34	38.45	BDL*	BDL*	BDL*	BDL*	0.22	BDL*	14.86	12.50	27.45	30.38
21/02/2019	65.68	32.49	BDL*	BDL*	BDL*	BDL*	0.64	BDL*	29.20	9.49	33.70	20.68
25/02/2019	76.53	44.37	BDL*	BDL*	BDL*	BDL*	0.45	BDL*	31.57	18.43	20.41	28.47
28/02/2019	69.49	29.33	BDL*	BDL*	BDL*	BDL*	0.39	BDL*	20.46	6.54	15.33	24.53
04/03/2019	54.28	23.54	BDL*	BDL*	BDL*	BDL*	0.45	BDL*	20.60	10.33	18.20	20.45
07/03/2019	64.80	34.20	BDL*	BDL*	BDL*	BDL*	0.41	BDL*	29.43	13.29	25.60	22.45
11/03/2019	85.31	44.41	BDL*	BDL*	BDL*	BDL*	0.48	BDL*	19.43	9.50	22.43	24.52
14/03/2019	79.37	47.66	BDL*	BDL*	BDL*	BDL*	0.68	BDL*	22.35	20.25	23.44	18.21
18/03/2019	69.42	30.24	BDL*	BDL*	BDL*	BDL*	0.32	BDL*	13.17	16.20	28.69	16.59
21/03/2019	73.58	43.62	BDL*	BDL*	BDL*	BDL*	0.37	BDL*	16.59	7.67	31.71	28.20
25/03/2019	53.18	22.66	BDL*	BDL*	BDL*	BDL*	0.61	BDL*	23.43	12.54	36.42	19.53
28/03/2019	71.55	42.28	BDL*	BDL*	BDL*	BDL*	0.18	BDL*	26.58	15.40	26.37	21.28

BDL*: Below Detection Limit, Minimum Detection Limit, Lead as Pb (µg/m³):0.5, Benzo (a) Pyrene (BaP) - particulate phase only (ng/m³): 0.5, Nickel as Ni (ng/m³):10, Arsenic as As (ng/m³):2, Benzene as C₆H₆ (µg/m³):2

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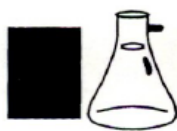
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TABLE NO. 4 AMBIENT AIR QUALITY MONITORING RESULTS OF NORTH EAST CORNER OF BACK UP AREA

Date of Sampling	PM ₁₀	PM _{2.5}	Pb	Bap	As	Ni	CO	C ₆ H ₆	NH ₃	SO ₂	NO _x	O ₃
	µg/m ³	µg/m ³	µg/m ³	ng/m ³	ng/m ³	ng/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
02/04/2018	93.37	52.67	0.65	BDL*	2.64	10.96	0.49	BDL*	33.30	22.62	32.37	24.57
05/04/2018	65.31	30.18	BDL*	BDL*	BDL*	BDL*	0.62	BDL*	38.47	12.55	28.46	27.49
09/04/2018	88.23	44.45	0.76	BDL*	2.84	11.42	0.19	BDL*	27.56	18.83	19.18	21.42
12/04/2018	74.52	31.00	BDL*	BDL*	BDL*	BDL*	0.40	BDL*	45.64	24.40	39.25	25.31
16/04/2018	69.07	25.40	BDL*	BDL*	BDL*	BDL*	0.57	BDL*	17.51	14.59	36.21	28.39
19/04/2018	85.27	37.40	0.61	BDL*	2.56	11.20	0.71	BDL*	48.51	20.47	33.46	30.29
23/04/2018	67.21	43.18	BDL*	BDL*	BDL*	BDL*	0.23	BDL*	29.28	15.32	38.58	26.44
26/04/2018	82.38	32.12	BDL*	BDL*	BDL*	10.46	0.78	BDL*	24.69	13.66	25.72	19.39
30/04/2018	79.60	49.18	0.72	BDL*	2.34	BDL*	0.39	BDL*	25.55	26.15	44.22	22.42
03/05/2018	92.30	53.42	0.62	BDL*	2.34	10.86	0.71	BDL*	51.68	17.64	38.61	26.37
07/05/2018	83.20	41.80	BDL*	BDL*	BDL*	BDL*	0.36	BDL*	27.22	20.67	27.53	17.68
10/05/2018	78.31	43.70	BDL*	BDL*	BDL*	BDL*	0.72	BDL*	17.55	15.63	32.47	28.41
14/05/2018	88.51	39.47	0.68	BDL*	2.46	10.39	0.56	BDL*	48.82	19.47	29.78	20.50
17/05/2018	68.30	28.80	BDL*	BDL*	BDL*	BDL*	0.64	BDL*	42.45	11.76	23.42	25.82
21/05/2018	79.61	33.54	BDL*	BDL*	BDL*	BDL*	0.42	BDL*	31.62	13.84	30.57	16.94
24/05/2018	89.21	49.64	BDL*	BDL*	2.18	BDL*	0.53	BDL*	26.48	24.33	52.41	22.90
28/05/2018	95.19	54.74	0.82	BDL*	2.64	10.62	0.57	BDL*	39.30	16.60	40.34	21.72
31/05/2018	81.62	34.37	BDL*	BDL*	BDL*	BDL*	0.74	BDL*	55.36	22.48	33.35	24.46
04/06/2018	85.67	41.25	BDL*	BDL*	BDL*	BDL*	0.30	BDL*	24.67	25.39	37.78	28.65
07/06/2018	90.40	47.63	0.68	BDL*	BDL*	BDL*	0.44	BDL*	54.25	21.50	35.60	20.49
11/06/2018	82.64	51.26	BDL*	BDL*	BDL*	BDL*	0.48	BDL*	38.45	11.60	28.87	26.37
14/06/2018	94.33	45.59	0.72	BDL*	2.56	10.42	0.60	BDL*	47.50	18.26	38.40	24.68
18/06/2018	60.65	34.58	BDL*	BDL*	BDL*	BDL*	0.78	BDL*	30.41	16.27	33.56	22.63
21/06/2018	95.69	54.23	BDL*	BDL*	BDL*	BDL*	0.19	BDL*	42.33	15.57	27.83	17.89
25/06/2018	88.88	39.25	0.78	BDL*	2.74	10.66	0.46	BDL*	50.28	19.57	32.15	23.81
28/06/2018	93.67	50.35	0.58	BDL*	2.93	10.91	0.87	BDL*	23.84	23.70	30.32	29.54
02/07/2018	89.39	50.72	0.71	BDL*	2.56	10.63	0.57	BDL*	42.40	16.53	28.32	24.35
05/07/2018	85.73	38.58	BDL*	BDL*	BDL*	BDL*	0.94	BDL*	20.57	10.22	39.42	28.29
09/07/2018	71.57	33.41	0.76	BDL*	2.84	10.77	0.82	BDL*	24.73	12.22	30.26	25.47
12/07/2018	90.20	47.59	0.52	BDL*	2.62	10.83	0.73	BDL*	40.57	15.41	33.57	22.69
16/07/2018	76.77	32.87	BDL*	BDL*	BDL*	BDL*	0.60	BDL*	32.66	13.60	25.47	29.50
19/07/2018	88.43	40.29	0.84	BDL*	2.46	10.57	0.24	BDL*	48.33	18.24	40.27	20.60
23/07/2018	78.65	45.66	BDL*	BDL*	BDL*	BDL*	0.97	BDL*	25.60	11.40	36.39	30.30
26/07/2018	69.46	29.62	BDL*	BDL*	BDL*	BDL*	0.37	BDL*	30.40	21.55	34.11	26.32
30/07/2018	83.66	49.51	BDL*	BDL*	BDL*	BDL*	0.54	BDL*	45.33	17.48	32.39	19.46
02/08/2018	88.64	43.38	0.72	BDL*	2.87	10.66	0.62	BDL*	49.43	16.36	39.24	22.26
06/08/2018	93.63	53.66	BDL*	BDL*	BDL*	BDL*	0.53	BDL*	39.37	14.31	26.20	25.37
09/08/2018	89.63	48.68	BDL*	BDL*	BDL*	BDL*	0.66	BDL*	54.66	19.26	37.68	20.57
13/08/2018	79.33	35.66	0.58	BDL*	2.36	10.22	0.46	BDL*	51.47	21.28	32.43	28.28
16/08/2018	87.50	50.31	BDL*	BDL*	BDL*	BDL*	0.38	BDL*	24.76	15.41	44.28	21.67
20/08/2018	67.67	28.57	BDL*	BDL*	BDL*	BDL*	0.22	BDL*	36.77	12.60	38.60	19.52
23/08/2018	76.70	41.51	BDL*	BDL*	BDL*	BDL*	0.19	BDL*	30.05	17.46	34.77	30.19
27/08/2018	84.36	36.79	0.62	BDL*	2.72	10.10	0.65	BDL*	30.97	13.27	41.45	24.29
30/08/2018	78.31	26.57	BDL*	BDL*	BDL*	BDL*	0.41	BDL*	58.33	20.60	36.57	26.83
03/09/2018	82.48	39.84	BDL*	BDL*	BDL*	BDL*	0.49	BDL*	45.83	13.53	34.54	24.57
06/09/2018	95.67	51.27	0.78	BDL*	2.18	10.83	0.25	BDL*	30.52	10.48	30.58	30.28
10/09/2018	76.89	27.24	BDL*	BDL*	BDL*	BDL*	0.36	BDL*	23.69	12.39	21.51	17.35
13/09/2018	86.20	48.64	BDL*	BDL*	BDL*	BDL*	0.71	BDL*	42.55	16.58	27.36	25.66
17/09/2018	93.44	49.35	0.86	BDL*	2.68	10.50	0.53	BDL*	38.43	22.48	45.57	19.49
20/09/2018	85.66	31.58	BDL*	BDL*	2.72	10.77	0.40	BDL*	25.78	19.51	32.50	27.83
24/09/2018	90.21	50.27	0.69	BDL*	2.26	10.37	0.32	BDL*	47.20	15.49	36.86	29.69
27/09/2018	78.75	33.50	BDL*	BDL*	BDL*	BDL*	0.46	BDL*	31.24	20.52	23.34	22.39

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TABLE NO. 4 AMBIENT AIR QUALITY MONITORING RESULTS OF NORTH EAST CORNER OF BACK UP AREA

Date of Sampling	PM ₁₀	PM _{2.5}	Pb	Bap	As	Ni	CO	C ₆ H ₆	NH ₃	SO ₂	NO _x	O ₃
	µg/m ³	µg/m ³	µg/m ³	ng/m ³	ng/m ³	ng/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
01/10/2018	81.63	44.80	BDL*	BDL*	BDL*	BDL*	0.80	BDL*	46.52	13.28	38.52	20.24
04/10/2018	79.62	35.66	BDL*	BDL*	BDL*	BDL*	0.62	BDL*	53.47	10.85	27.27	18.59
08/10/2018	90.40	54.39	0.57	BDL*	2.64	10.77	0.71	BDL*	39.46	26.52	42.30	30.28
11/10/2018	72.84	31.53	BDL*	BDL*	BDL*	BDL*	0.86	BDL*	29.43	17.68	36.57	26.21
15/10/2018	85.33	49.10	0.64	BDL*	2.48	10.55	0.29	BDL*	43.21	24.20	28.31	29.58
18/10/2018	77.69	34.54	BDL*	BDL*	BDL*	BDL*	0.64	BDL*	34.53	19.27	30.24	21.39
22/10/2018	92.39	55.60	0.84	BDL*	2.56	10.34	0.69	BDL*	38.34	16.36	37.53	17.40
25/10/2018	87.62	40.25	BDL*	BDL*	BDL*	BDL*	0.40	BDL*	50.48	25.70	33.56	27.29
29/10/2018	70.51	37.54	BDL*	BDL*	BDL*	BDL*	0.53	BDL*	26.41	22.55	40.12	23.20
01/11/2018	76.49	35.62	BDL*	BDL*	BDL*	BDL*	0.52	BDL*	34.70	25.34	32.43	25.08
05/11/2018	92.65	45.84	0.62	BDL*	BDL*	BDL*	0.74	BDL*	56.36	18.34	39.43	29.65
08/11/2018	85.39	38.67	0.54	BDL*	2.36	10.56	0.60	BDL*	27.69	20.20	30.39	22.64
12/11/2018	95.67	55.73	0.72	BDL*	2.84	10.34	0.94	BDL*	37.65	23.68	35.66	28.42
15/11/2018	79.41	40.25	BDL*	BDL*	BDL*	BDL*	0.85	BDL*	23.48	19.36	42.55	24.63
19/11/2018	89.59	48.30	BDL*	BDL*	BDL*	BDL*	1.02	BDL*	40.37	17.17	38.57	20.56
22/11/2018	96.65	52.18	0.76	BDL*	2.26	10.73	0.70	BDL*	31.51	15.43	33.79	26.41
26/11/2018	80.36	39.63	0.86	BDL*	2.68	10.47	0.84	BDL*	29.63	26.33	40.27	30.23
29/11/2018	71.20	28.32	BDL*	BDL*	BDL*	BDL*	0.77	BDL*	24.47	16.57	26.91	16.66
03/12/2018	73.70	30.16	BDL*	BDL*	BDL*	BDL*	0.48	BDL*	25.68	12.50	30.64	18.75
06/12/2018	66.28	33.37	BDL*	BDL*	BDL*	BDL*	0.41	BDL*	22.59	22.68	23.94	27.88
10/12/2018	78.65	41.55	BDL*	BDL*	BDL*	BDL*	0.98	BDL*	46.55	24.38	35.15	21.83
13/12/2018	91.86	48.64	0.58	BDL*	2.48	10.62	0.76	BDL*	38.59	18.38	42.61	30.47
17/12/2018	81.77	45.80	BDL*	BDL*	BDL*	BDL*	0.66	BDL*	49.59	16.45	39.55	25.39
20/12/2018	95.47	52.60	0.78	BDL*	2.42	10.41	0.95	BDL*	52.44	20.55	29.84	22.40
24/12/2018	88.49	46.26	BDL*	BDL*	BDL*	BDL*	0.80	BDL*	40.24	23.55	43.05	29.14
27/12/2018	92.90	53.48	0.84	BDL*	2.26	10.56	0.62	BDL*	31.24	19.49	38.01	23.18
31/12/2018	85.89	43.51	BDL*	BDL*	BDL*	BDL*	0.86	BDL*	44.47	21.57	44.29	24.92
03/01/2019	79.36	37.58	BDL*	BDL*	BDL*	BDL*	0.73	BDL*	28.81	22.48	44.65	21.53
07/01/2019	88.60	48.34	0.52	BDL*	2.32	10.27	0.82	BDL*	30.33	26.83	30.42	20.83
10/01/2019	96.36	54.31	0.68	BDL*	2.56	10.41	0.32	BDL*	55.95	14.29	34.24	26.23
14/01/2019	62.51	35.29	BDL*	BDL*	BDL*	BDL*	0.68	BDL*	43.18	25.68	38.49	18.80
17/01/2019	94.29	56.27	0.86	BDL*	2.78	10.53	0.78	BDL*	39.69	18.58	29.59	22.52
21/01/2019	75.59	40.25	BDL*	BDL*	BDL*	BDL*	0.63	BDL*	47.06	12.33	36.23	27.32
24/01/2019	89.41	43.26	0.65	BDL*	2.64	10.83	0.95	BDL*	27.61	19.51	41.52	24.49
28/01/2019	70.28	38.46	BDL*	BDL*	BDL*	BDL*	0.40	BDL*	32.79	17.60	28.40	29.36
31/01/2019	66.72	32.45	BDL*	BDL*	BDL*	BDL*	0.60	BDL*	25.02	15.52	19.53	28.57
04/02/2019	84.31	48.45	BDL*	BDL*	BDL*	BDL*	0.63	BDL*	30.21	23.89	34.21	19.75
07/02/2019	70.57	39.58	BDL*	BDL*	BDL*	BDL*	0.56	BDL*	39.69	10.57	27.26	26.34
11/02/2019	87.57	52.45	0.76	BDL*	2.68	10.86	0.73	BDL*	45.56	26.31	42.60	30.94
14/02/2019	67.66	34.53	BDL*	BDL*	BDL*	BDL*	0.87	BDL*	24.59	14.48	24.52	27.30
18/02/2019	79.61	46.57	BDL*	BDL*	BDL*	BDL*	0.47	BDL*	29.68	17.51	32.49	20.43
21/02/2019	83.61	55.57	0.65	BDL*	2.84	BDL*	0.84	BDL*	36.47	22.44	28.48	23.26
25/02/2019	90.40	47.57	0.84	BDL*	2.28	10.34	0.66	BDL*	41.52	25.37	39.29	25.20
28/02/2019	86.57	40.24	0.70	BDL*	BDL*	BDL*	0.54	BDL*	44.38	12.33	23.45	28.53
04/03/2019	75.59	33.49	BDL*	BDL*	BDL*	BDL*	0.49	BDL*	34.20	25.64	31.30	25.34
07/03/2019	90.26	56.41	0.72	BDL*	2.16	10.86	0.92	BDL*	56.30	15.22	28.42	29.22
11/03/2019	78.69	38.28	BDL*	BDL*	BDL*	BDL*	0.80	BDL*	27.34	19.27	33.61	22.69
14/03/2019	95.67	53.28	0.52	BDL*	2.76	10.66	0.72	BDL*	37.68	23.65	44.52	28.35
18/03/2019	81.38	42.45	BDL*	BDL*	BDL*	BDL*	0.66	BDL*	24.58	20.47	40.11	26.40
21/03/2019	97.40	57.53	0.84	BDL*	2.42	10.73	0.94	BDL*	43.28	16.44	38.40	20.54
25/03/2019	79.68	34.28	BDL*	BDL*	BDL*	BDL*	0.88	BDL*	31.58	18.38	32.46	30.45
28/03/2019	87.70	49.32	0.64	BDL*	2.72	10.47	0.71	BDL*	29.26	26.44	39.25	27.60

BDL*: Below Detection Limit, Minimum Detection Limit, Lead as Pb (µg/m³):0.5, Benzo (a) Pyrene (BaP) - particulate phase only (ng/m³): 0.5, Nickel as Ni (ng/m³):10, Arsenic as As (ng/m³):2, Benzene as C₆H₆ (µg/m³):2**Authorized Signatory**