



Environmental Monitoring Data (Apr – June 2018)

UGC 01 Environmental Monitoring Data of Noise																		
Station	Zone/s tandard	Leq Day								Leq Night								Zone/ standard
		Baseline (Dec 16)		April 18		May 18		June 18		Baseline (Dec 16)		April 18		May 18		June 18		
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
Cuffe parade	R 55	69.0	73.5	64.2	71.4	65.0	69.8	67.7	76.5	59.8	62.3	54.1	59.7	54.8	62.2	56.2	62.2	R 45
Vidhan bhavan	C65	70.6	77.6	64.8	71.6	60.0	75.2	58.4	74.5	60.4	62.0	42.9	62.6	55.4	66.9	56.6	72.1	C 55
Churchga te	C65	70.5	76.0	74.3	80.1	68.7	76.9	69.9	81.4	60.8	63.7	57.7	70.4	59.5	71.5	58.6	77.7	C 55
Hutatma chowk	C65		70.4	71.6	75.5	69.9	81.6	60.2	80.2		61.0	67.6	72.3	62.9	77.6	57.4	77.9	C 55
CY Wadala	I 75			67.5	71.0	67.2	71.8	67.1	73.8			54.5	70.2	66.0	71.5	66.3	77.5	I 70
RMC MIDC	R 55			69.0	71.5	59.0	65.9	70.5	76.6			64.8	72.7	59.7	71.2	68.0	78.9	R 45

*Note : The ambient Noise Level Monitoring is carried out as per Noise Pollution (Regulation and Control) Rules, 2000.

UGC 01 Ambient Air Quality														
Station	PM 10							PM 2.5						
	Baseline (Dec 16)	April 18		May 18		June 18		Baseline (Dec 16)	April 18		May 18		June 18	
		Min	Max	Min	Max	Min	Max		Min	Max	Min	Max	Min	Max
Cuffe Parade	118	58.8	94.0	57.48	230.21	64.98	165.78	63	17.9	58	24.51	138.72	8.4	48.32
Vidhan bhawan	191	67.1	97.1	49.15	132.89	28.74	179.96	81	17.9	55.4	27.9	57.07	19.16	74.15
Churchgate	209	63.0	97.0	67.48	181.63	35.49	108.72	93	40	56	19.99	96.23	12.08	54.58
Hutatma chowk		82.6	98.7	57.9	169.54	35.4	98.32		34.6	57.9	12.34	64.98	13.74	40.82
Wadala casting yard		62.5	102.5	41.65	156.63	21.66	72.48		33.3	58.0	30.4	100.39	17.91	47.9
MIDC plot		70.0	99.0	129.99	191.21	32.07	190.77		32.1	59	37.49	73.9	17.06	91.65

Note: The ambient Air Quality Monitoring is carried out as per National Ambient Air Quality Standards (2009) Copy attached.



Environmental Monitoring Data (Apr – June 2018)

UGC 02 Environmental Monitoring Data of Noise																		Zone/ standard
Station	Zone	Leq Day								Leq Night								
		Baseline (Dec 16)		April 18		May 18		June 18		Baseline (Dec 16)		January 18		February 18		March 18		
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
CST	C 65	62.2	65.3	62.9	75.1	62.8	66.1	66.6	80.1	62.4	66.5	60.5	66.4	61.6	67.2	62.6	72.4	C 55
Grant Road	R 55							72.6	83.5							65.5	77.6	R 45
Girgaon	R 55			69.3	73.7	66.1	71.8	70.3	82.9			62.0	64.1	59.8	64.0	67.1	75.7	R 45
Casting yard, Wadala	I 75			69.6	74.0	63.1	71.8	70.7	83.9			64.8	72.0	63.1	67.0	65.4	76.7	I 70

*Note : The ambient Noise Level Monitoring is carried out as per Noise Pollution (Regulation and Control) Rules, 2000.

UGC 02 Ambient Air Quality														
Station	PM 10							PM 2.5						
	Baseline (Dec 16)	April 18		May 18		June 18		Baseline (Dec 16)	April 18		May 18		June 18	
		Min	Max	Min	Max	Min	Max		Min	Max	Min	Max	Min	Max
CST	103	82.6	89.1	79.9	88.9	87.4	87.4	44.5	34.7	39.5	27.8	47.3	44.7	44.7
Grant Road	110						78.2	50.8						33.0
Girgaon	120.5	87.6	95.3	83.4	87.4	71.0	91.5	56.4	37.8	43.0	44.3	44.7	27.8	48.6
Casting yard, Wadala		78.1	93.9	91.5	92.1	80.3	86.8		34.3	42.1	48.6	49.9	34.7	39.5

*Note: The ambient Air Quality Monitoring is carried out as per National Ambient Air Quality Standards (2009) Copy attached.



Environmental Monitoring Data (Apr – June 2018)

UGC 03 Environmental Monitoring Data of Noise																		
Station	Zone / stand ard	Leq Day								Leq Night								Zone/ standa rd
		Baseline (Dec 16)		April 18		May 18		June 18		Baseline (Dec 16)		April 18		May 18		June 18		
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
Mumbai Central	C 65			70.7	73.4	68.7	71.6	68.8	71.1			66.5	70.5	63.8	67.3	65.1	67.1	C 55
Mahalaxmi	C 65			70.0	74.7	72.2	75.6	71.8	75.5			64.9	69.7	66.4	69.7	65.5	68.7	C 55
Science museum	C 65	70.5	71.5	67.1	73.2	68.5	73.0	68.7	72.0	60.0	65.9	64.2	68.6	64.6	67.5	63.0	66.9	C 55
Acharya Atre Chowk	C 65			68.8	74.1	68.5	70.2	67.2	73.9			64.2	67.3	61.9	66.3	60.3	65.7	C 55
Worli	C 65	69.0	74.0	74.5	76.3	69.2	76.8	69.3	73.6	57.9	69.5	67.0	69.9	63.2	70.9	61.9	68.1	C 55
Casting yard Wadala	I 75			63.3	72.1	61.6	70.6	62.5	74.1			61.8	67.0	54.0	65.3	56.0	68.2	I 70
RG land (RMC)	I 75			65.2	71.2	67.0	70.9	69.7	73.1			62.1	67.4	63.4	67.4	63.7	66.8	I 70

*Note: The ambient Noise Level Monitoring is carried out as per Noise Pollution (Regulation and Control) Rules, 2000.

UGC 03 Ambient Air Quality														
Station	PM 10							PM 2.5						
	Baseline (Dec 16)	April 18		May 18		June 18		Baseline (Dec 16)	April 18		May 18		June 18	
		Min	Max	Min	Max	Min	Max		Min	Max	Min	Max	Min	Max
Mumbai Central		101.7	112.4	98.5	107.4	88.2	102.8		56.1	62.5	58.2	63.5	41.3	61.3
Mahalaxmi Station		97.5	108.9	97.3	104.2	87.3	101.7		58.6	63.0	54.4	62.7	32.1	58.6
Science museum		92.3	107.4	84.1	89.5	68.1	78.9		54.8	59.2	47.3	52.8	30.0	36.5
Acharya Atre Chowk		94.3	105.4	91.4	98.7	61.4	84.1		53.1	57.2	49.2	56.4	29.5	42.9
Worli Station		90.3	106.8	83.6	91.5	82.5	96.1		54.3	59.0	46.7	53.2	48.7	58.1
Casting yard Wadala		89.3	96.4	91.6	98.3	82.3	94.6		49.3	53.8	53.4	57.5	32.8	56.3
RG Plot		77.4	86.6	76.1	83.4	69.4	85.9		45.6	53.2	36.9	40.5	38.9	45.9
*Note: The ambient Air Quality Monitoring is carried out as per National Ambient Air Quality Standards (2009) Copy attached.														

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Environmental Monitoring Data (Apr – June 2018)

Environmental Monitoring Data of Noise Quality UGC 05																		Zone/ standard
Station	Zone/ standa rd	Leq Day								Leq Night								Zone/ standard
		Baseline (Dec 16)		April 18		May 18		June 18		Baseline (Dec 16)		April 18		May 18		June 18		
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
Dharavi	R 55		67.9	67.8	68.9	68.9	71	67.2	68		65.8	65.5	66.2	66.7	67.8	63.2	63.5	R 45
BKC	C 65		71.5	72.1	72.3	71.7	73.7	67.5	69.8		70.0	62.8	64.6	62.2	66.2	63	65.5	C 55
Vidyanagari	R 55		80.0	71.7	72.3	70.3	70.8	67.6	68.7		73.3	63.7	64.6	61.7	63.3	59.4	61.1	R 45
Santacruz	C 65		77.0	71.8	72.7	70.9	74.9	68.4	69.4		69.9	64.3	65.7	64.4	68.2	63.9	65.1	C 55
Steel Yard	C 65			71.6	72.6	71.9	73.7	64.2	69.4			66.5	68.1	65.8	70	61.8	64.3	C 55

*Note : The ambient Noise Level Monitoring is carried out as per Noise Pollution (Regulation and Control) Rules, 2000.

Environmental Monitoring Data of Ambient Air Quality UGC 05														
Station	Baseline (Dec 16)	PM 10						Baseline (Dec 16)	PM 2.5					
		April 18		May 18		June 18			April 18		May 18		June 18	
		Min	Max	Min	Max	Min	Max		Min	Max	Min	Max	Min	Max
Dharavi	37.91	75.3	80.5	79.1	83.6	69.4	76.5	20.28	41.7	46.1	43.4	45.1	22.2	27
BKC	91.55	82.4	88.6	83.7	91.2	63.6	75.4	40.12	36.4	48.6	40.2	47.5	20.2	28.7
Vidyanagari	68.74	86.4	96.3	90.1	92.4	68.2	74.7	32.52	41.8	49.1	40.4	45	27.1	31.5
Santacruz	198.12	87.4	94.9	89.2	94.1	73.9	82.2	135.81	44.2	52.3	43.9	51.9	27.2	34.2
Steel Yard		88.7	97.5	91.2	96.8	68.8	78.5		41.6	43.8	43.5	46.2	22.7	29.6
*Note: The ambient Air Quality Monitoring is carried out as per National Ambient Air Quality Standards (2009) Copy attached.														

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Environmental Monitoring Data (Apr – June 2018)

Environmental Monitoring Data of Noise Quality UGC 06																		
Station	Zone/ stand ard	Leq Day								Leq Night								Zone/ stand ard
		Baseline (Dec 16)		April 18		May 18		June 18		Baseline (Dec 16)		April 18		May 18		June 18		
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
Sahar	R 55		75.3	74.4	75.3	72.9	75.7	69.7	70.8		68.4	66.8	68.5	65.3	69.6	65.3	65.7	R 45
CSIA International	C 65		80.9	73.2	79.2	72.2	74.7	67	69.7		74.4	73.5	65.2	73	66.5	69.7	63.9	C 55
CSIA Domestic	R 55		78.8	75	78.7	73.3	76.8	64.7	70.1		73.6	68.2	73	66.5	70.4	58.2	62.6	R 45
Mahulgoan	C 65			66.7	67.5	66.3	68.8	62.7	63.6			59.3	59.8	58.7	61	54.8	55.4	C 55

*Note : The ambient Noise Level Monitoring is carried out as per Noise Pollution (Regulation and Control) Rules, 2000.

Environmental Monitoring Data of Ambient Air Quality UGC 06														
Station	Baseline (Dec 16)	PM 10						Baseline (Dec 16)	PM 2.5					
		April 18		May 18		June 18			April 18		May 18		June 18	
		Min	Max	Min	Max	Min	Max		Min	Max	Min	Max	Min	Max
Sahar	256.2	84.9	91.8	84.9	93.9	76.4	79.1	109.98	34.5	46.3	34.1	40.6	28.2	34.4
CSIA International	296.61	82.1	94.1	84.6	90.2	74.1	77.4	73.74	31.8	48.6	29.9	34.2	27.4	32.9
CSIA Domestic	115.09	87.1	92.3	83.6	89.6	71.2	79.6	25.01	41.1	46.5	39.8	46.3	29.5	36.1
Mahulgoan		92.3	97.4	90.3	94.8	69.5	79.9		48.7	58.7	46.2	56.5	31.6	43.7
JVLR		87.1	92.4	83.3	88.2	71.3	79.5		45.3	49.8	43.3	47.3	28.6	32.5
*Note: The ambient Air Quality Monitoring is carried out as per National Ambient Air Quality Standards (2009) Copy attached.														

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*Note : The ambient Noise Level Monitoring is carried out as per Noise Pollution (Regulation and Control) Rules, 2000.

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Environmental Monitoring Data (Apr – June 2018)



[NAAQS Notification dated 18th November, 2009]

S. No.	Pollutants	Time Weighted Average	Concentration in Ambient Air		Methods of Measurement
			Industrial, Residential, Rural and other Areas	Ecologically Sensitive Area (notified by Central Government)	
1	Sulphur Dioxide (SO ₂), µg/m ³	Annual*	50	20	1. Improved West and Gaeke 2. Ultraviolet Fluorescence
		24 Hours**	80	80	
2	Nitrogen Dioxide (NO ₂), µg/m ³	Annual*	40	30	1. Modified Jacob & Hochheiser (Na-Arsenite) 2. Chemiluminescence
		24 Hours**	80	80	
3	Particulate Matter (Size < 10µm) or PM ₁₀ , µg/m ³	Annual*	60	60	1. Gravimetric 2. TEOM 3. Beta attenuation
		24 Hours**	100	100	
4	Particulate Matter (Size < 2.5 µm) or PM _{2.5} , µg/m ³	Annual*	40	40	1. Gravimetric 2. TEOM 3. Beta attenuation
		24 Hours **	60	60	
5	Ozone (O ₃), µg/m ³	8 hours**	100	100	1. UV photometric 2. Chemiluminescence 3. Chemical Method
		1 hours **	180	180	
6	Lead (Pb), µg/m ³	Annual *	0.50	0.50	1. AAS/ICP Method after sampling using EPM 2000 or equivalent filter paper 2. ED-XRF using Teflon filter
		24 Hour**	1.0	1.0	
7	Carbon Monoxide (CO), mg/m ³	8 Hours **	02	02	Non dispersive Infra Red (NDIR) Spectroscopy
		1 Hour**	04	04	
8	Ammonia (NH ₃), µg/m ³	Annual*	100	100	1. Chemiluminescence 2. Indophenol blue method
		24 Hour**	400	400	
9	Benzene (C ₆ H ₆), µg/m ³	Annual *	05	05	1. Gas chromatography based continuous analyzer 2. Adsorption and Desorption followed by GC analysis
10	Benzo(a)Pyrene (BaP)-particulate phase only, ng/m ³	Annual*	01	01	Solvent extraction followed by HPLC/GC analysis
11	Arsenic (As), ng/m ³	Annual*	06	06	AAS/ICP method after sampling on EPM 2000 or equivalent filter paper
12	Nickel (Ni), ng/m ³	Annual*	20	20	AAS/ICP method after sampling on EPM 2000 or equivalent filter paper

Environmental Monitoring Data (Apr – June 2018)

Muck TCLP Monitoring UGC – 01 (April 2018)

Sr.No.	Parameter	Unit	Churchgate 10/04/2018	VidhanBhawan 10/04/2018	Cuffe Parade 10/04/2018	Hutatma Chowk 10/04/2018
1.	Chromium as Cr	mg/l	5.87	3.62	11.68	7.68
2.	Zinc Zn	mg/l	68.12	72.68	42.68	43.11
3.	Arsenic as As	mg/l	BDL(MDL<0.5)	BDL(MDL<0.01)	BDL(MDL<0.01)	BDL(MDL<0.5)
4.	Cadmium as Cd	mg/l	1.099	BDL(MDL<0.5)	1.068	BDL(MDL<0.5)
5.	Cobalt as Co	mg/l	8.62	9.68	2.678	6.08
6.	Copper as Cu	mg/l	82.01	48.62	82.83	42.32
7.	Lead as Pb	mg/l	12.68	8.37	8.68	6.784
8.	Manganese as Mn	mg/l	58.23	38.83	36.72	22.68
9.	Mercury as Hg	mg/l	BDL(MDL<0.5)	BDL(MDL<0.5)	BDL(MDL<0.5)	BDL(MDL<0.5)
10.	Nickel as Ni	mg/l	56.6	32.68	37.72	38.54
11.	Silver as Ag	mg/l	BDL(MDL<0.5)	BDL(MDL<0.5)	BDL(MDL<0.5)	BDL(MDL<0.5)

Muck TCLP Monitoring UGC – 01 (May 2018)

Sr. No.	Parameter	Unit	Churchgate 10/05/2018	VidhanBhawan 10/05/2018	Cuffe Parade 10/05/2018	Hutatma Chowk 10/05/2018
1.	Chromium as Cr	mg/l	2.068	2.98	0.623	4.682
2.	Zinc Zn	mg/l	54.69	68.78	32.88	58.78
3.	Arsenic as As	mg/l	BDL(MDL<0.5)	BDL(MDL<0.01)	BDL(MDL<0.01)	BDL(MDL<0.5)
4.	Cadmium as Cd	mg/l	1.148	BDL(MDL<0.5)	0.568	BDL(MDL<0.5)
5.	Cobalt as Co	mg/l	6.72	6.08	1.368	3.668
6.	Copper as Cu	mg/l	70.68	40.78	78.83	40.78
7.	Lead as Pb	mg/l	10.08	6.78	4.682	4.078
8.	Manganese as Mn	mg/l	42.56	39.78	31.78	24.08
9.	Mercury as Hg	mg/l	BDL(MDL<0.5)	BDL(MDL<0.5)	BDL(MDL<0.5)	BDL(MDL<0.5)
10.	Nickel as Ni	mg/l	46.78	36.78	28.98	36.72
11.	Silver as Ag	mg/l	BDL(MDL<0.5)	BDL(MDL<0.5)	BDL(MDL<0.5)	BDL(MDL<0.5)

Muck TCLP Monitoring UGC – 01 (June 2018)

Sr. No.	Parameter	Unit	Churchgate 12/06/2018	VidhanBhawan 12/06/2018	Cuffe Parade 12/06/2018	Hutatma Chowk 12/06/2018
1.	Chromium as Cr	mg/l	1.208	1.012	0.263	2.365
2.	Zinc Zn	mg/l	60.52	52.78	34.68	62.78
3.	Arsenic as As	mg/l	BDL(MDL<0.5)	BDL(MDL<0.01)	BDL(MDL<0.01)	BDL(MDL<0.5)
4.	Cadmium as Cd	mg/l	0.978	BDL(MDL<0.5)	BDL(MDL<0.5)	BDL(MDL<0.5)
5.	Cobalt as Co	mg/l	2.65	1.008	0.772	1.062
6.	Copper as Cu	mg/l	42.51	32.018	42.68	38.14
7.	Lead as Pb	mg/l	8.78	3.62	2.361	2.168
8.	Manganese as Mn	mg/l	19	18.98	12.78	12.64
9.	Mercury as Hg	mg/l	BDL(MDL<0.5)	BDL(MDL<0.5)	BDL(MDL<0.5)	BDL(MDL<0.5)
10.	Nickel as Ni	mg/l	32.68	12.68	18.62	28.72
11.	Silver as Ag	mg/l	BDL(MDL<0.5)	BDL(MDL<0.5)	BDL(MDL<0.5)	BDL(MDL<0.5)

UGC 3 wastewater Monitoring (April 2018)						
Sr. No.	Parameter	Unit	RG Land batching plant sedimentation tank		Casting yard Wadala (Sedimentation Tank)	
			Inlet	Outlet	Inlet	Outlet
			19/04/2018	19/04/2018	19/04/2018	19/04/2018
1	Colour	Hazen	>35	< 5	>30	< 5
2	Odour		Agreeable	Agreeable	Agreeable	Agreeable
3	pH		11.27	8.21	12.05	8.33
4	Temp	0 ^c	30.2	29.8	29.8	29.6
5	Total Suspended Solids	mg/l	370	78	406	70
6	Total Dissolved Solids	mg/l	5571	1964	4230	1930
7	COD	mg/l	286	185	237	129
8	BOD	mg/l	94	26	83	28
9	Oil & Grease	mg/l	6	5	6	4
10	Ammonical Nitrogen	mg/l	< 0.02	< 0.02	< 0.02	< 0.02
11	Chromium Hexavalent	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
12	Cyanide as CN	mg/l	< 0.1	< 0.1	< 0.1	< 0.1
13	Dissolved phosphate	mg/l	0.95	0.47	0.62	0.36
14	Fluoride	mg/l	0.80	0.66	< 0.2	< 0.2
15	Free ammonia	mg/l	< 0.02	< 0.02	< 0.02	< 0.02
16	Nitrate	mg/l	< 0.2	< 0.2	< 0.2	< 0.2
17	Phenolic compounds	mg/l	< 0.001	< 0.001	< 0.001	< 0.001
18	Residual free chlorine	mg/l	ND	ND	ND	ND
19	Sulphide	mg/l	< 0.1	< 0.1	< 0.1	< 0.1
20	Total chromium	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
21	TKN	mg/l	0.17	0.15	0.13	< 0.1
22	Zinc	mg/l	< 0.2	< 0.2	< 0.2	< 0.2
23	Arsenic	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
24	Cadmium	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
25	Copper	mg/l	< 0.01	< 0.01	< 0.01	< 0.01

26	Iron	mg/l	0.78	< 0.2	0.58	0.34
27	Lead	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
28	Manganese	mg/l	< 0.1	< 0.1	< 0.1	< 0.1
29	Mercury	mg/l	< 0.001	< 0.001	< 0.001	< 0.001
30	Nickel	mg/l	< 0.2	< 0.2	< 0.2	< 0.2
31	Selenium	mg/l	< 0.01	< 0.01	< 0.01	< 0.01

UGC 3 wastewater Monitoring (May 2018)						
Sr. No.	Parameter	Unit	RG Land batching plant sedimentation tank		Science Museum (Sedimentation Tank)	
			Inlet	Outlet	Inlet	Outlet
			22/05/2018	22/05/2018	22/05/2018	22/05/2018
1	Colour	Hazen	< 5	< 5	< 5	< 5
2	Odour		Agreeable	Agreeable	Agreeable	Agreeable
3	pH		11.76	8.49	10.53	7.90
4	Temp	0 ^c	27.5	27.0	28.1	28.2
5	Total Suspended Solids	mg/l	85	33	62	30
6	Total Dissolved Solids	mg/l	862	317	188	79
7	COD	mg/l	205	87	241	91
8	BOD	mg/l	56	23	65	27
9	Oil & Grease	mg/l	8	4	9	5
10	Ammonical Nitrogen	mg/l	< 0.02	< 0.02	< 0.02	< 0.02
11	Chromium Hexavalent	mg/l	ND	ND	< 0.01	ND
12	Cyanide as CN	mg/l	< 0.1	< 0.1	< 0.1	< 0.1
13	Dissolved phosphate	mg/l	0.67	0.28	0.31	0.16
14	Fluoride	mg/l	0.81	0.52	< 0.2	< 0.2
15	Free ammonia	mg/l	< 0.02	< 0.02	< 0.02	< 0.02
16	Nitrate	mg/l	< 0.2	< 0.2	< 0.2	< 0.2
17	Phenolic compounds	mg/l	< 0.001	< 0.001	< 0.001	< 0.001
18	Residual free chlorine	mg/l	ND	ND	ND	ND

19	Sulphide	mg/l	< 0.1	< 0.1	< 0.1	< 0.1
20	Total chromium	mg/l	< 0.01	< 0.01	ND	ND
21	TKN	mg/l	0.27	0.10	0.19	0.12
22	Zinc	mg/l	< 0.2	< 0.2	< 0.2	< 0.2
23	Arsenic	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
24	Cadmium	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
25	Copper	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
26	Iron	mg/l	0.52	0.40	0.41	< 0.2
27	Lead	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
28	Manganese	mg/l	< 0.1	< 0.1	< 0.1	< 0.1
29	Mercury	mg/l	< 0.001	< 0.001	< 0.001	< 0.001
30	Nickel	mg/l	< 0.2	< 0.2	< 0.2	< 0.2
31	Selenium	mg/l	< 0.01	< 0.01	< 0.01	< 0.01

UGC 3 wastewater Monitoring (June 2018)						
Sr. No.	Parameter	Unit	RG Land batching plant sedimentation tank		Casting Yard Wadala (Sedimentation Tank)	
			Inlet	Outlet	Inlet	Outlet
			25/06/2018	25/06/2018	25/06/2018	25/06/2018
1	Colour	Hazen	< 5	< 5	< 5	< 5
2	Odour		Agreeable	Agreeable	Agreeable	Agreeable
3	pH		11.34	7.56	7.84	7.45
4	Temp	0 ^c	26	26	25	25
5	Total Suspended Solids	mg/l	428	54	15	8
6	Total Dissolved Solids	mg/l	3276	721	443	339
7	COD	mg/l	480	112	210	168
8	BOD	mg/l	92	28	56	35
9	Oil & Grease	mg/l	7	5	5	4
10	Ammonical Nitrogen	mg/l	0.4	< 0.1	5	< 0.1
11	Chromium Hexavalent	mg/l	0.3	< 0.1	< 0.1	< 0.1

12	Cyanide as CN	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
13	Dissolved phosphate	mg/l	08	0.2	< 0.1	< 0.1
14	Fluoride	mg/l	0.2	0.1	0.1	< 0.1
15	Free ammonia	mg/l	0.4	< 0.1	3	< 0.1
16	Nitrate	mg/l	< 0.1	< 0.1	< 0.1	< 0.1
17	Phenolic compounds	mg/l	< 0.001	< 0.001	< 0.001	< 0.001
18	Residual free chlorine	mg/l	< 0.1	ND	< 0.1	< 0.1
19	Sulphide	mg/l	< 0.1	< 0.1	< 0.1	< 0.1
20	Total chromium	mg/l	0.2	< 0.1	< 0.1	< 0.1
21	TKN	mg/l	1.0	< 0.1	6	0.1
22	Zinc	mg/l	< 0.1	< 0.1	< 0.1	< 0.1
23	Arsenic	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
24	Cadmium	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
25	Copper	mg/l	< 0.1	< 0.01	< 0.1	< 0.1
26	Iron	mg/l	1.8	0.7	0.5	0.4
27	Lead	mg/l	< 0.1	< 0.01	< 0.01	< 0.01
28	Manganese	mg/l	< 0.1	< 0.1	< 0.1	< 0.1
29	Mercury	mg/l	< 0.001	< 0.001	< 0.001	< 0.001
30	Nickel	mg/l	< 0.01	< 0.01	< 0.01	< 0.01
31	Selenium	mg/l	< 0.01	< 0.01	< 0.01	< 0.01

UGC 3 wastewater Monitoring Nehru Science Museum (Tunnel water-June 2018)			
Sr. No.	Parameters	Units	Result
1	Colour	Hazen	5
2	Odour	-	Agreeable
3	pH	-	6.79
4	Temperature	°C	27
5	Total suspended solids	mg/L	148
6	Total dissolved solids	mg/L	21426
7	Chemical Oxygen Demand (COD)	mg/L	8544
8	BOD	mg/L	1852
9	Oil & Grease	mg/L	6
10	Sulphate	mg/L	301
11	Chloride	mg/L	14130
12	Ammonical Nitrogen	mg/L	< 0.1
13	Chromium Hexavalent	mg/L	0.7
14	Cyanide as CN-	mg/L	< 0.01
15	Dissolved Phosphates	mg/L	0.3
16	Fluoride	mg/L	0.5
17	Free Ammonia	mg/L	< 0.1
18	Nitrate	mg/L	< 0.1
19	Phenolic compounds	mg/L	< 0.001
20	Residual free chlorine (RFC)	mg/L	ND
21	Sulphide	mg/L	< 0.1
22	Total Chromium	mg/L	0.8
23	Total Kjeldahal Nitrogen (TKN)	mg/L	< 0.1

24	Zinc	mg/L	0.65
25	Metal-Arsenic	mg/L	<0.01
26	Metal-Cadmium	mg/L	<0.01
27	Metal-Copper	mg/L	1.21
28	Metal-Iron	mg/L	0.74
29	Metal-Lead	mg/L	< 0.01
30	Metal-Manganese	mg/L	0.18
31	Metal-Mercury	mg/L	<0.001
32	Metal-Nickel	mg/L	0.23
33	Metal-Selenium	mg/L	< 0.01