

क्षेत्रीय कार्यालय, उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड
REGIONAL OFFICE, U. P. POLLUTION CONTROL BOARD

आवास विकास परिषद कालोनी, सेक्टर-10, योजना संख्या-3, झुंसी, प्रयागराज - 221506
Avas Vikas Parishad Colony, Sector-10, Scheme No. 3, Jhansi, Prayagraj.

roprayagraj@uppcb.in

संदर्भ सं०...G.O.O./49/NGT O.A NO. 617/2022/2023

दिनांक 10/05/2023

To,

The Registrar,
The National Green Tribunal
Principal Bench,
New Delhi
E-Mail:- judicial-ngt@gov.in

E-Mail/Registered Post

Subject:- Compliance status in O.A No. 617/2022 Pushpender Vs State of U.P. & Ors. order passed by Hon'ble National Green Tribunal on dated 24-04-2023.

Respected Sir,

Please refer to above mentioned subject. The RO Plant installed by M/s PPGCL, lohgara, Bara, Prayagraj has been operational & functional. The compliance report submitted by M/s UltraTech, Bara, Prayagraj & M/s PPGCL, lohgara, Bara, Prayagraj is submitted here for your kind perusal and necessary action please.

Encl:-As Above.

Your Sincerely

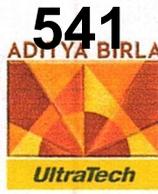

10/5/23

(R. K. Singh)
Regional Officer

Copy to:-

1. Chief Law Officer, U.P. Pollution Control Board Lucknow for information.
2. Sri Pradeep Misra, Advocate on Record, Hon'ble Supreme Court/NGT, B-235, Sector-19, Noida, for perusal and necessary action please.


Regional Officer



मीनाक्षी सिंह
3/05/2023

UTCL/BRCW/NGT/01

Date: 02/05/2023

सेवा में :-

क्षेत्रीय अधिकारी,
क्षेत्रीय कार्यालय उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड
प्रयागराज, उत्तर प्रदेश।

विषय : मा० एन जी टी नई दिल्ली द्वारा ओ ए सं० 617/2022 पुष्पेंद्र बनाम उ० प्र० राज्य व अन्य में पारित आदेश दिनांक 24.03.2023 के अनुपालन के संस्तुति संबंध में।

संदर्भ संख्या:- G00K9/NGT O A NO.617/2022/2023 Dt.01/05/2023

महोदय,

कृपया उपरोक्त विषय का संदर्भ ग्रहण करने का कष्ट करे ! मा० एन जी टी नई दिल्ली द्वारा ओ ए सं० 617/2022 पुष्पेंद्र बनाम उ० प्र० राज्य व अन्य में पारित आदेश का अनुपालन करते हुए अल्ट्राटेक सीमेंट लिमिटेड यूनिट बारा प्रयागराज द्वारा निम्नलिखित प्रभावी कदम लिए गए हैं जो इस प्रकार हैं,

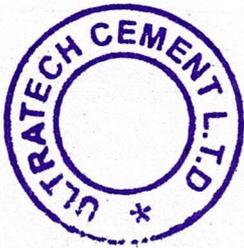
1. पेड़ पौधों के भारी वर्षा एवं बाढ़ से क्षतिग्रस्त होने के बाद अबतक 15775 पौधे अल्ट्राटेक बारा परिसर में लगाए जा चुके तथा मियावाकी तकनीक का प्रयोग करते हुए 1000 वर्ग मीटर एरिया में वृक्षारोपण का कार्य प्रगति पर है जो की संलग्नक संख्या -1 संलग्न है।
2. धूल उत्सर्जन को प्रभावी ढंग से रोकने एवं धूल उत्सर्जन न हो इसके लिए प्लांट परिसर में 32 बैग फ़िल्टर लगाए गए हैं, धूल उत्सर्जन को प्रभावी ढंग से रोकने के लिए सभी उत्सर्जन स्रोतों को GI शीट के द्वारा ढका है, फिजिटिव उत्सर्जन रोकने के लिए स्वीपिंग मशीन, वाटर टैंकर, स्पिंकलर का प्रयोग किया जाता है, संलग्नक संख्या -2 में संलग्न है।
3. AAQI की जाँच के लिए ऑनलाइन मॉनिटरिंग सिस्टम स्थापित किये गए, NABL से मान्यता प्राप्त थर्ड पार्टी से पर्यावरण से संबंधित मानकों की जाँच कराई जाती है, संलग्नक संख्या -3 में संलग्न है।

भवदीय

अमिताभ कुमार

(ए० वी० प्री० एवं ग्राइंडिंग यूनिट हेड)
अल्ट्राटेक सीमेंट लिमिटेड यूनिट: बारा

प्रयागराज उत्तर प्रदेश।



प्रतिलिपि :

1. जिलाधिकारी महोदय, प्रयागराज।
2. मुख्य पर्यावरण अधिकारी (वृत्त -2) उ० प्र० प्रदूषण नियंत्रण बोर्ड, लखनऊ।
3. मुख्य विधि अधिकारी, उ० प्र० प्रदूषण नियंत्रण बोर्ड, लखनऊ।



UltraTech Cement Limited
(Unit : Bara Cement Works)

A/p : Lohgara, Tehsil : Bara, Distt. : Prayagraj (U.P.) 212107

Website : www.ultratechcement.com

Registered Office : 'B'Wing, Ahura Centre, 2nd Floor, Mahakali Caves Road, Andheri (East), Mumbai - 400093

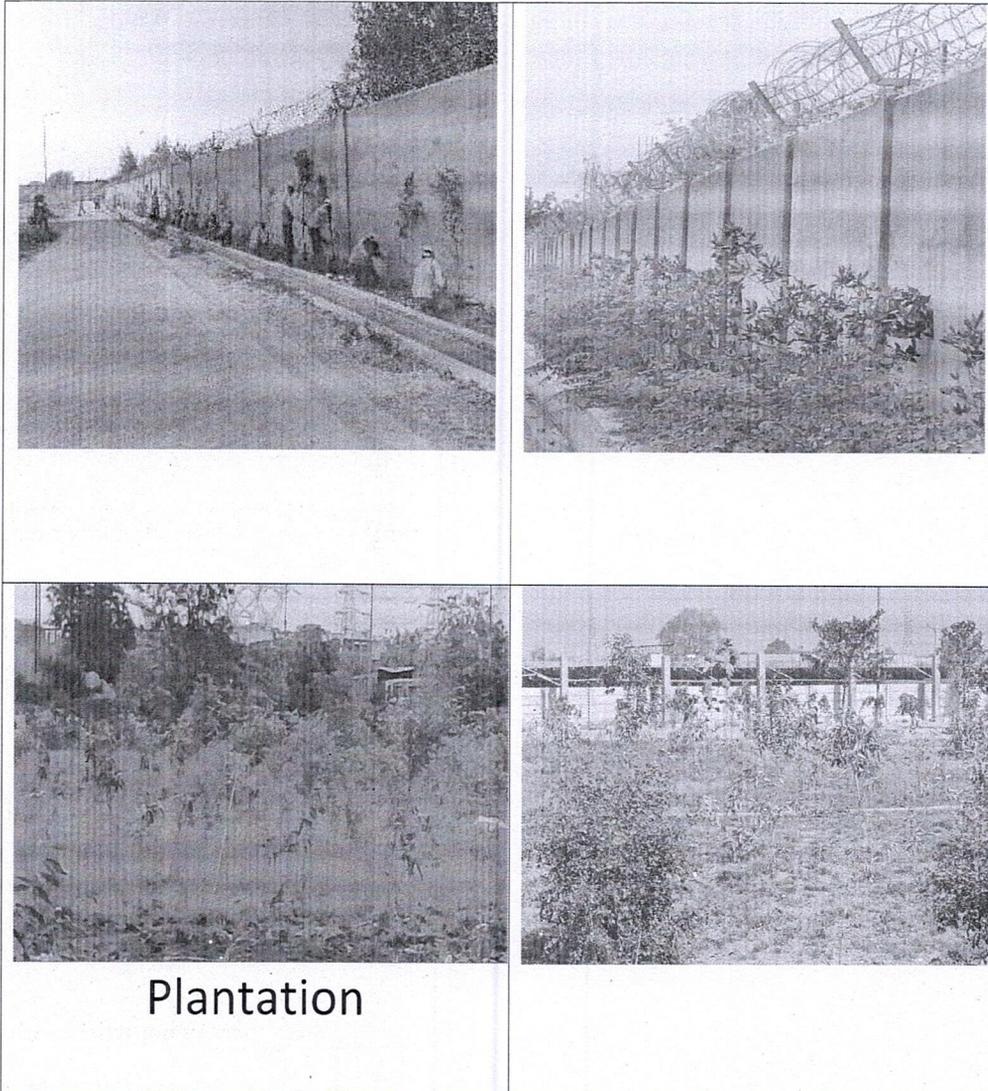
T.: + 91 22 66917800 | CIN : L26940MH2000PLC128420

ACE
8/5/23

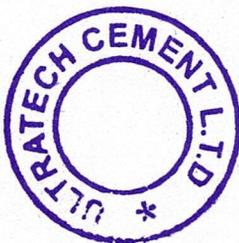
CCT
08/05/2023
ACE

Annexure-1

Plantation at Boundary

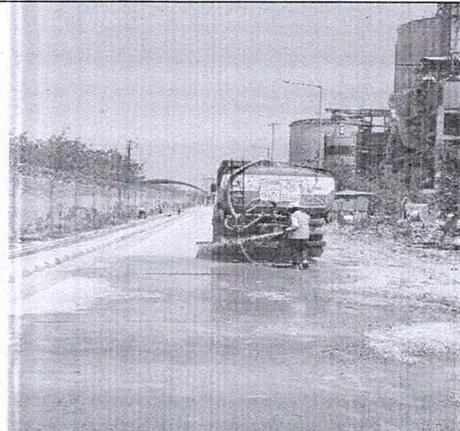


Plantation





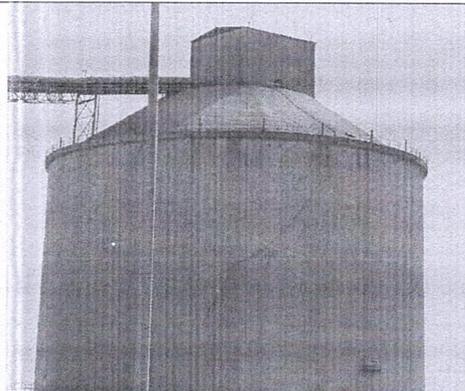
Water sprinkling



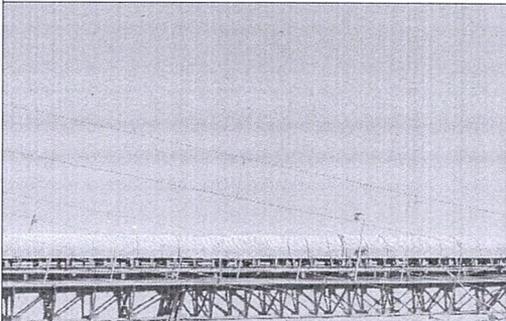
Water sprinkling



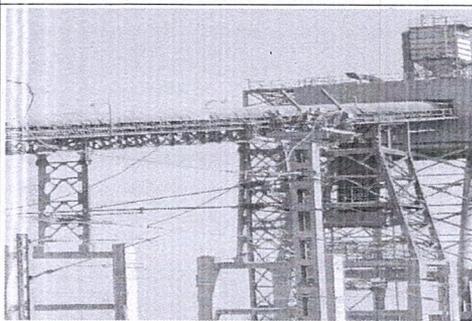
Sweeping machine



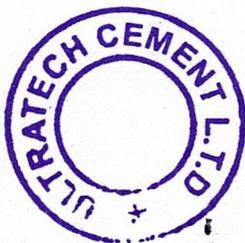
Covered silo



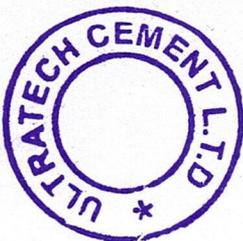
Closed Conveyor belt



Closed transfer point



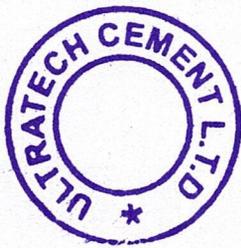
Cement Mill Bag filter details- Bara Cement Works			
SN	TAG No.	Location	Capacity (M3/Hr)
1	491BF2	Truck Tippler-1	25000
2	491BF3	Truck Tippler-2	25000
3	491BF4	Clinker transport	9000
4	491BF7	Clinker Silo	18000
5	511BF1	Clinker Silo extraction belt discharge	18000
6	511 BF2	Clinker Hopper top	10000
7	512BF1	Clinker Hopper top	10000
8	K31 BF3	Gypsum Hopper	6500
9	K32BF1	Gypsum Hopper	6500
10	532BF1	Weigh Feeder discharge Bag Filter	18000
11	542BF1	RP Recirculation	14000
12	542BF2	Roller Press	35000
13	542BF3	Roller Press	25000
14	552BF1	Roller Press-2 Aux.	8500
15	582BF1	Seperator Bag Filter	76000
16	592BF1	Cement Transport to Silo-2	8500
17	592BF4	Cement Silo Top	8500
18	562BF1	Mill Vent Bag Filter	80000
19	572BF1	Mill Recirculation Bag Fiter	8500
20	K42BF1	Fly Ash Silo Top	20000



Ultratech Cement Limited
(Unit: Bara Cement Works)
Post-Lohgara, Tahsil-Bara

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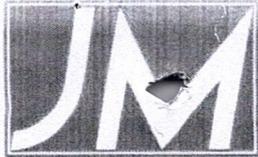
SN	TAG No.	Location	Capacity (M3/Hr)
21	K72FB1	Fly Ash Bin	8500
22	K72BF2	Fly ash Feed	5000
23	611 BF1	Cement Silo Extraction Bin	15000
24	641 BF1	Packer-1	36000
25	641 BF2	Packer-1	15000
26	642 BF1	Packer-2	36000
27	642 BF2	Packer-2	15000
28	643 BF1	Packer-3	36000
29	643 BF2	Packer-3	15000
30	644 BF1	Packer-4	36000
31	644 BF2	Packer-4	15000
32	645 BF1	Packer-5	36000
33	645 BF2	Packer-5	15000
34	646 BF1	Packer-6	36000
35	646 BF2	Packer-6	15000



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Ultratech Cement Limited
 (Unit: Bara Cement Works)
 Post-Lohgara, Tahsil-Bara
 Distt-Prayagraj, UP-21210

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J.M. ENVIROLAB PVT. LTD.

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/01	Report No	JME/W/230406007
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No	7.5 F-01
Sample Description:	Water (Drinking)	Party Reference	NIL
Sample Location:	Near Canteen R.O	Reporting Date	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date	06/04/2023
Sample collected by	JMEPL Team	Sampling Date	04/04/2023
Latitude	--	Preservation:	Refrigerated
Longitude	--	Sampling Type	Grab
Protocol Used	IS:3025 & APHA 23rd Edition 2017	Sample Quantity	2.0 liter
		Packing Status	Temporary Sealed
		Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.35		6.5 to 8.5	No Relaxation
2	Colour	IS:3025 (Part-4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	124.7	mg/l	200	600
7	Calcium as Ca	IS:3025 (Part-40), 2019	27.0	mg/l	75	200
8	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	128.8	mg/l	200	600
9	Chloride as Cl	IS:3025 (Part-32), 2019	156.3	mg/l	250	1000
10	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12	Magnesium as Mg	IS:3025 (Part-46), 2019	13.91	mg/l	30	100
13	Total Dissolved Solids	IS:3025 (Part-16), 2017	332.5	mg/l	500	2000
14	Sulphate as SO ₄	IS:3025 (Part-24), 2019	49.2	mg/l	200	400
15	Fluoride as F	APHA 23rd Edition, 4500-F- D 2017	0.16	mg/l	1	1.5
16	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	1.24	mg/l	45	No Relaxation
17	Iron as Fe	IS:3025 (Part-53), 2019	BDL (DL 0.02)	mg/l	1	No Relaxation
18	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit



Ritika Saini
Tested by

End of Report

Sita Ram Yadav
Checked by



Raj Kumar Yadav
Authorized Signatory

Note:

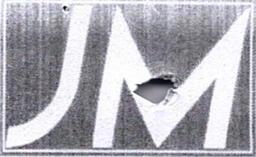
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- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
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Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurgaon-122002 (Haryana)



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TEST REPORT

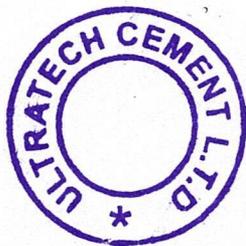
Sample Number:	JME/BCW/W/01	Report No.	JME/W/230406007/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No	7.5 F-01
Sample Description:	Water (Drinking)	Party Reference	NIL
Sample Location:	Near Canteen R.O	Reporting Date	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude	--	Preservation	Refrigerated
Longitude	--	Sampling Type	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity	2.0 liter
		Packing Status	Temporary Sealed
		Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS. 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	Fecal coliform	IS.1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2.	Total coliform	IS.1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3.	E. coli	IS.1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report



Ritika Saini
Ritika Saini

Tested by

Sita Ram Yadav
Sita Ram Yadav

Checked by



Rakshit Yadav
Rakshit Yadav

Authorized Signatory

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E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,



J.M. ENVIROLAB PVT. LTD.

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TEST REPORT

Sample Number:	JME/BCW/W/02	Report No.:	JME/W/230406008
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Tap)	Party Reference	NIL
Sample Location:	Near CCR Kitchen	Reporting Date	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date	04/04/2023
Latitude	--	Preservation	Refrigerated
Longitude	--	Sampling Type	Grab
Protocol Used	IS:3025 & APHA 23rd Edition 2017	Sample Quantity	2.0 liter
		Packing Status	Temporary Sealed
		Parameter Required	As per work order

TEST RESULTS

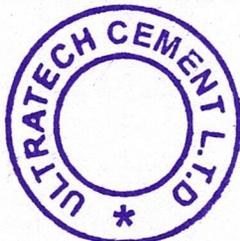
S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.40	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	255.4	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40), 2019	49.6	mg/l	75	200
8.	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	83.0	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32), 2019	176.7	mg/l	250	1000
10.	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	IS:3025 (Part-46), 2019	32.03	mg/l	30	100
13.	Total Dissolved Solids	IS:3025 (Part-16), 2017	392.7	mg/l	500	2000
14.	Sulphate as SO ₄	IS:3025 (Part-24), 2019	65.8	mg/l	200	400
15.	Fluoride as F	APHA 23rd Edition, 4500-F- D 2017	0.34	mg/l	1	1.5
16.	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	BDL (DL 0.05)	mg/l	45	No Relaxation
17.	Iron as Fe	IS:3025 (Part-53), 2019	0.26	mg/l	1	No Relaxation
18.	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Rajkumar Yadav
Rajkumar Yadav

Tested by



Rajkumar Yadav
Rajkumar Yadav

Checked by

Rajkumar Yadav
Rajkumar Yadav

Authorized Signatory

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Sample Number:	JME/BCW/W/02	Report No	JME/W/230406008/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No	7.5 F-01
Sample Description:	Water (Tap)	Party Reference	NIL
Sample Location:	Near CCR Kitchen	Reporting Date	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date	06/04/2023
Sample collected by	JMEPL Team	Sampling Date	04/04/2023
Latitude :	--	Preservation	Refrigerated
Longitude :	--	Sampling Type	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity	2.0 liter
		Packing Status	Temporary Sealed
		Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500-2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1	Fecal coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2	Total coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3	E. coli	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report



Ritika Saini
Ritika Saini

Tested by

Sita Ram Yadav
Sita Ram Yadav

Checked by

Rajkumar Yadav
Rajkumar Yadav

Authorized Signatory

Note:

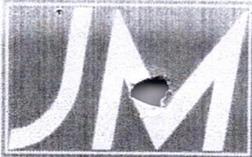
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- Report shall not be reproduced except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of the court at Gurgaon.

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Corporate Office

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Golf Course,Ext. Road, Sector-61,
Gurgaon-122015 (Haryana)



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TEST REPORT

Sample Number:	JME/BCW/W/03	Report No.	JME/W/230406009
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.	7.5 F-01
Sample Description:	Water (Tap)	Party Reference:	NIL
Sample Location:	Canteen Tap Water	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by:	JMEPL Team	Sampling Date:	04/04/2023
Latitude:	--	Preservation:	Refrigerated
Longitude:	--	Sampling Type:	Grab
Protocol Used:	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status:	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.33	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	186.0	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40), 2019	45.5	mg/l	75	200
8.	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	74.7	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32), 2019	152.6	mg/l	250	1000
10.	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	IS:3025 (Part-46), 2019	17.61	mg/l	30	100
13.	Total Dissolved Solids	IS:3025 (Part-16), 2017	338.6	mg/l	500	2000
14.	Sulphate as SO ₄	IS:3025 (Part-24), 2019	55.7	mg/l	200	400
15.	Fluoride as F	APHA 23rd Edition, 4500-F- D:2017	0.35	mg/l	1	1.5
16.	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	1.24	mg/l	45	No Relaxation
17.	Iron as Fe	IS:3025 (Part-53), 2019	0.09	mg/l	1	No Relaxation
18.	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit. DL - Detection Limit

End of Report

Sevni
Ritika Jain

Tested by



Ash
Sita Ram Yadav

Checked by

Rajkumar Yadav
Rajkumar Yadav
Authorized Signatory

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TEST REPORT

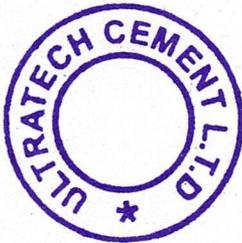
Sample Number:	JME/BCW/W/03	Report No.	JME/W/230406009/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.	7.5 F-01
Sample Description:	Water (Tap)	Party Reference	NIL
Sample Location:	Canteen Tap Water	Reporting Date	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date	06/04/2023
Sample collected by:	JMEPL Team	Sampling Date	04/04/2023
Latitude	--	Preservation:	Refrigerated
Longitude	--	Sampling Type	Grab
Protocol Used	IS:3025 & APHA 23rd Edition 2017	Sample Quantity	2.0 liter
		Packing Status	Temporary Sealed
		Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500-2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1	Fecal coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2	Total coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3	E. coli	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report



Ritika Saini
Ritika Saini
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Raj Kumar Yadav
Raj Kumar Yadav
Authorized Signatory

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TEST REPORT

Sample Number:	JME/BCW/W/04	Report No.	JME/W/230406010
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.	7.5 F-01
Sample Description:	Water (Ground)	Party Reference:	NIL
Sample Location:	Borewell No-2	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by:	JMEPL Team	Sampling Date:	04/04/2023
Latitude	--	Preservation	Refrigerated
Longitude	--	Sampling Type	Grab
Protocol Used	IS:3025 & APHA 23rd Edition 2017	Sample Quantity	2.0 liter
		Packing Status	Temporary Sealed
		Parameter Required	As per work order

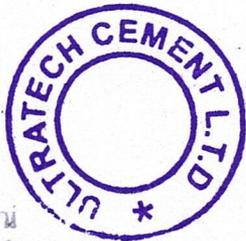
TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.63	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	166.9	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40), 2019	39.4	mg/l	75	200
8.	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	241.8	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32), 2019	159.1	mg/l	250	1000
10.	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	IS:3025 (Part-46), 2019	16.46	mg/l	30	100
13.	Total Dissolved Solids	IS:3025 (Part-16), 2017	419.00	mg/l	500	2000
14.	Sulphate as SO ₄	IS:3025 (Part-24), 2019	25.73	mg/l	200	400
15.	Fluoride as F	APHA 23rd Edition, 4500-F- D 2017	0.41	mg/l	1	1.5
16.	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	1.66	mg/l	45	No Relaxation
17.	Iron as Fe	IS:3025 (Part-53), 2019	0.07	mg/l	1	No Relaxation
18.	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Jaisri
Ritika Jaisri
Tested by



Sita Ram Yadav
Sita Ram Yadav
Checked by

Rajkumar Yadav
Rajkumar Yadav
Authorized Signatory

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TEST REPORT

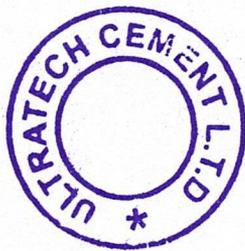
Sample Number:	JME/BCW/W/04	Report No.:	JME/W/230406010/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No	7.5 F-01
Sample Description:	Water (Ground)	Party Reference	NIL
Sample Location:	Borewell No-2	Reporting Date	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude	--	Preservation	Refrigerated
Longitude	--	Sampling Type	Grab
Protocol Used	IS:3025 & APHA 23rd Edition 2017	Sample Quantity	2.0 liter
		Packing Status	Temporary Sealed
		Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500-2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	Fecal coliform	IS:1622-1931 (Reaff 2019)	Absent	MPN/100ml	--	--
2.	Total coliform	IS:1622-1931 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3.	E. coli	IS:1622-1931 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report



Ritika Saini
Ritika Saini
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Raj Kumar Yadav
Raj Kumar Yadav
Authorized Signatory

Note:

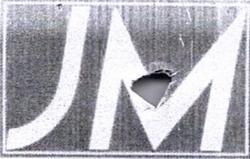
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TEST REPORT

Sample Number:	JME/BCW/W/05	Report No:	JME/W/230406011
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No:	7.5 F-01
Sample Description:	Water (Ground)	Party Reference:	NIL
Sample Location:	Borewell No-1	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by:	JMEPL Team	Sampling Date:	04/04/2023
Latitude:	--	Preservation:	Refrigerated
Longitude:	--	Sampling Type:	Grab
Protocol Used:	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status:	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.47	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4), 2017	EDL(DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10), 2017	EDL(DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	157.0	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40), 2019	43.9	mg/l	75	200
8.	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	178.3	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32), 2019	18.0	mg/l	250	1000
10.	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	IS:3025 (Part-46), 2019	11.47	mg/l	30	100
13.	Total Dissolved Solids	IS:3025 (Part-16), 2017	286.81	mg/l	500	2000
14.	Sulphate as SO ₄	IS:3025 (Part-24), 2019	88.41	mg/l	200	400
15.	Fluoride as F	APHA 23rd Edition, 4500-F- D 2017	0.24	mg/l	1	1.5
16.	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	1.33	mg/l	45	No Relaxation
17.	Iron as Fe	IS:3025 (Part-53), 2019	0.06	mg/l	1	No Relaxation
18.	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit.

End of Report

Ritika Saini
Ritika Saini
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Raj Kumar Yadav
Raj Kumar Yadav
Authorized Signatory

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TEST REPORT

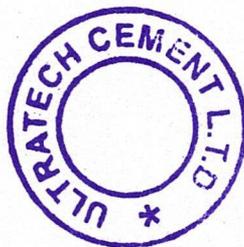
Sample Number:	JME/BCW/W/05	Report No:	JME/W/230406011/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No:	7.5 F-01
Sample Description:	Water (Ground)	Party Reference:	NIL
Sample Location:	Borewell No-1	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by:	JMEPL Team	Sampling Date:	04/04/2023
Latitude:	--	Preservation:	Refrigerated
Longitude:	--	Sampling Type:	Grab
Protocol Used:	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status:	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500-2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1	Fecal coliform	IS.1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2	Total coliform	IS.1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3	E. coli	IS.1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report



Ritika Saini
Ritika Saini
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Rakumar Yadav
Rakumar Yadav
Authorized Signatory

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TEST REPORT

Sample Number:	JME/BCW/W/06	Report No:	JME/W/230406012
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No:	7.5 F-01
Sample Description:	Water (Drinking)	Party Reference:	NIL
Sample Location:	Near Packing Plant	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by:	JMEPL Team	Sampling Date:	04/04/2023
Latitude:	--	Preservation:	Refrigerated
Longitude:	--	Sampling Type:	Grab
Protocol Used:	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status:	Temporary Sealed
		Parameter Required:	As per work order

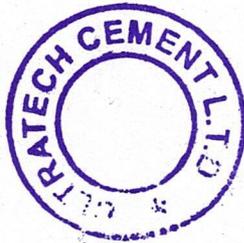
TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.51	-	6.5 to 8.5	No Relaxation
2	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	161.2	mg/l	200	600
7	Calcium as Ca	IS:3025 (Part-40), 2019	38.2	mg/l	75	200
8	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	147.1	mg/l	200	600
9	Chloride as Cl	IS:3025 (Part-32), 2019	27.4	mg/l	250	1000
10	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL (DL 0.20)	mg/l	0.2	1.0
11	Cyanide as CN	IS:3025 (Part-27), 2019	BDL (DL 0.02)	mg/l	0.05	No Relaxation
12	Magnesium as Mg	IS:3025 (Part-46), 2019	15.97	mg/l	30	100
13	Total Dissolved Solids	IS:3025 (Part-16), 2017	305.15	mg/l	500	2000
14	Sulphate as SO ₄	IS:3025 (Part-24), 2019	27.75	mg/l	200	400
15	Fluoride as F	APHA 23rd Edition, 4500-F- D 2017	0.30	mg/l	1	1.5
16	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	0.91	mg/l	45	No Relaxation
17	Iron as Fe	IS:3025 (Part-53), 2019	0.12	mg/l	1	No Relaxation
18	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note BDL - Below Detection Limit, DL - Detection Limit

End of Report

Rishi Saini
Rishi Saini
Tested by



Sita Ram Yadav
Sita Ram Yadav
Checked by

Rajendra Yadav
Rajendra Yadav
Authorized Signatory

Note:

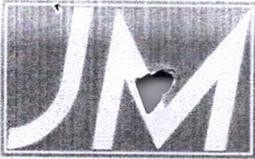
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Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
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Gurugram-122011(Haryana)



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TEST REPORT

Sample Number:	JME/BCW/W/06	Report No	JME/W/230406012/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No	7.5 F-01
Sample Description:	Water (Drinking)	Party Reference	NIL
Sample Location:	Near Packing Plant	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date	06/04/2023
Sample collected by	JMEPL Team	Sampling Date	04/04/2023
Latitude :	--	Preservation	Refrigerated
Longitude :	--	Sampling Type	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity	2.0 liter
		Packing Status	Temporary Sealed
		Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	Fecal coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2.	Total coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3.	E. coli	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report



Ritika Saini
Ritika Saini
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Raj Kumar Yadav
Raj Kumar Yadav
Authorized Signatory

Note:

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J.M. ENVIROLAB PVT. LTD.

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TEST REPORT

Sample Number:	JME/BCW/W/07	Report No.:	JME/W/230406013
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Drinking)	Party Reference:	NIL
Sample Location:	Near Main Gate	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by:	JMEPL Team	Sampling Date:	04/04/2023
Latitude:	--	Preservation:	Refrigerated
Longitude:	--	Sampling Type:	Grab
Protocol Used:	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status:	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.50	-	6.5 to 8.5	No Relaxation
2	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4	Odour	IS 3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	184.7	mg/l	200	600
7	Calcium as Ca	IS:3025 (Part-40), 2019	41.8	mg/l	75	200
8	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	224.3	mg/l	200	600
9	Chloride as Cl	IS:3025 (Part-32), 2019	20.7	mg/l	250	1000
10	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12	Magnesium as Mg	IS:3025 (Part-46), 2019	19.41	mg/l	30	100
13	Total Dissolved Solids	IS:3025 (Part-16), 2017	284.09	mg/l	500	2000
14	Sulphate as SO ₄	IS:3025 (Part-24), 2019	30.47	mg/l	200	400
15	Fluoride as F	APHA 23rd Edition, 4500-F- D 2017	0.35	mg/l	1	1.5
16	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	1.13	mg/l	45	No Relaxation
17	Iron as Fe	IS:3025 (Part-53), 2019	0.18	mg/l	1	No Relaxation
18	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini
Ritika Saini

Tested by



Sita Ram Yadav
Sita Ram Yadav

Checked by

Rajkumar Yadav
Rajkumar Yadav
Authorized Signatory

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TEST REPORT

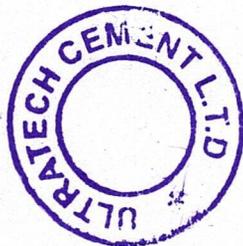
Sample Number:	JME/BCW/W/07	Report No :	JME/W/230406013/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No :	7.5 F-01
Sample Description:	Water (Drinking)	Party Reference:	NIL
Sample Location:	Near Main Gate	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by:	JMEPL Team	Sampling Date:	04/04/2023
Latitude:	--	Preservation:	Refrigerated
Longitude:	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status:	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500-2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	Fecal coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2.	Total coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3.	E. coli	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report



Ritika Sakni
Ritika Sakni

Tested by

Sita Ram Yadav
Sita Ram Yadav

Checked by

Raj Kumar Yadav
Raj Kumar Yadav
Authorized Signatory

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Gurugram-122011 (Haryana)

Ref: PPGCL/ENV/FY24/020

Date: 29.04.2023

To,
Regional Officer
Uttar Pradesh Pollution Control Board
Jhusi, Prayagraj

Subject: Compliance report of Hon'ble NGT order dated 24.04.2023 in OA 617/2022
Pushpender Vs. State of Uttar Pradesh & Ors. regarding RO functionality.

Ref: G00/23/NGTOANo.617/2022/2023 Dated 28.04.2023

Dear Sir,

With reference to the above mentioned subject and referred letter, we would like to inform to your good office that RO plant is made operational on 28.04.2023.

Photographs of RO functioning is attached for your reference as Annexure.

This is for your kind information and record please.

Thanking You

For, Prayagraj Power Generation Company Ltd.,


S H Pandey

Chief O&M Services

Encl: Annexure

Cc:

- 1- District Magistrate, Prayagraj, Uttar Pradesh
- 2- CEO, Circle-2, Uttar Pradesh Pollution Control Board, Lucknow
- 3- Chief Law Officer, Uttar Pradesh Pollution Control Board, Lucknow

CCF
2/5/23

Annexure

