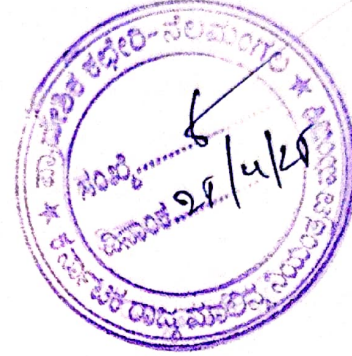


Ref: KWMP/MoEF/EC-Compliance/2024-25/02

Date: 25.04.2025

To
Additional Principal Chief Conservator of Forests(C)
Ministry of Environment, Forest and Climate Change
Regional Office (SZ)
Kendriya Sadan, 4th Floor, E&F Wings, 17th Main Road,
Koramangala II Block
Bangalore – 560 034



Dear Sir,

Sub: Submission of six monthly compliance report:

Name of the Project: Karnataka Waste Management Project - Division of Re Sustainability
Ltd. (Formerly known as Ramky Enviro Engineers Ltd)

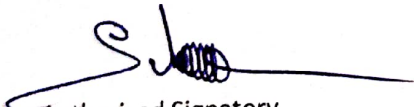
Clearance Letter No.: EC No. 10-65/2012-1A.III dt. 19.09.2014

Period of Compliance Report: 1st Oct 2024 to 31st Mar 2025

With reference to the above subject, we are herewith submitting half yearly EC compliance report.

This is for your kind information and necessary action

For Karnataka Waste Management Project
(A Division of Re Sustainability Ltd)


Authorized Signatory

Brabha 25/4/25
CENTRAL POLLUTION CONTROL BOARD
Ministry of Environment, Forests &
Climate Change, Govt. of India
Regional Directorate - Bengaluru
1st & 2nd Floor, Nisarga Bhavan
7th 'D' Main, Thimmaiah Road
Shivanagar, Bengaluru - 560079.
Ph : 080 23233739

**Cc: 1. Zonal Officer, CPCB, Nisarga Bhavan, Thimmaiah Road, 7th D Main Rd, Shivanagar,
Bengaluru, Karnataka – 560079**

**2. Environmental Officer, Regional Office – Nelamangala, KSPCB, Urban Eco Park,
1st Floor, 100 Ft. Road, 3rd phase, Peenya Industrial Area, Bangalore – 58**

Re Sustainability Limited
CIN No. U74140TG1994PLC018833

Registered Office:
Level 11B, Aurobindo Galaxy,
Hyderabad Knowledge City, Hitech City Road,
Hyderabad - 500081,
Telangana.

Site Address:
Karnataka Waste Management Project
Opposite of OM Logistics
NH - 207, Near Pemmanahalli
Dabaspeta, Nelamangala Taluk
Bengaluru Rural District - 56111

Regional Office:
Page 1 of 8
Ramky House, Site No. 25-30, 2nd Cross,
Raghavendranagar, Hennur Ring Road,
Kalyan Nagar (Post), Bengaluru - 560043,
Karnataka.
T: +91 70220 48893
E: niteshkumar.singh@resustainability.com

A - SPECIFIC CONDITIONS:

Sl. No.	Condition	Compliance Status
i	"Consent for Establishment" shall be obtained from State Pollution Control Committee under Air and Water Act and a copy shall be submitted to the ministry before start of any construction work at the site.	"Consent for Establishment" has been obtained from State Pollution Control Board under Air and Water Act on 23.11.2015. Copy has been submitted to the ministry before start of any construction work at the site.
ii	The Karnataka State Pollution Control Board (KSPCB) will ensure that the two facilities i.e. Ramky Enviro Engineers Limited and Eco Park Limited, should not release pollutants simultaneously in the ambient environment more than the load beyond permissible limit for that area.	Already ensured and cleared by Karnataka State Pollution Control Board
iii	Guidelines of CPCB for Common Hazardous Wastes Incinerators shall be followed.	Following all guidelines of CPCB for Common Hazardous Wastes Incinerators
iv	Necessary provision shall be made for firefighting facilities within the complex.	This facility is an expansion to already existing landfill facility within the TSDF site. We have already provided firefighting facilities such as Fire Extinguishers, Water, and Sand facility for emergency situations. Also provided smoke detectors and sprinklers in Incinerable Hazardous Waste storage shed. Fire Hydrant system along with all necessary facilities also established.
v	On line monitoring shall be provided to monitor the air pollutants. The details of monitoring shall be recorded and be submitted along with the six monthly monitoring reports.	Provided online monitoring system to monitor the air pollutants and reports are being submitted to SPCB every month. Consolidated reports are enclosed as Annexure - I
vi	Transportation and handling of Hazardous	Transportation and handling of Hazardous

	Wastes shall be as per the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008	Wastes are as per Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 Now we are following the latest "Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016
vii	An on Site Emergency Management Plan shall be prepared and implemented.	Onsite Emergency Plan has been prepared and approved by The Department of Factories, Boilers and Industrial Safety & Health, Government of Karnataka on 04.01.2014. Same has been implemented
viii	Periodical air quality monitoring in and around the site shall be carried out.	Ambient Air Quality Monitoring is being done as per MoEF&CC Notification in and around the site
ix	Use only low sulphur diesel. No other oil shall be used.	We are using low Sulphur diesel for our regular operations
x	The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.	We have set up Environmental management cell with qualified human resources under the supervision of a Senior Executive. (Please refer the last page of this compliance report.
xi	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.	Included and are being utilized only to EMP.
xii	Project proponent should develop green belt all along the periphery of the site with plant species that are significant and used for the pollution abatement	Already developed greenbelt along the periphery of the site. Total Area of the TSDF site is 93.18 Acres. 55% of the land is covered by green belt. Major species which are helpful in abatement of pollution are Pongamia, Silver Oak, Neem, Eucalyptus, casuarinas, acacia, Magnolia Champaca and Gulmohr etc.
B - GENERAL CONDITIONS		
i	The project proponent will set up separate environmental management cell for effective	We have set up Environmental management cell with qualified human resources under the

	implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.	supervision of a Senior Executive. (Please refer the last page of this compliance report)
ii	Full support shall be extended to the officers of this Ministry / Regional Office at Bengaluru by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.	Agreed and will furnish all the details and action plan during inspection.
iii	A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bengaluru regarding the implementation of the stipulated conditions.	We are submitting six-Monthly monitoring report online as hard copies are not being accepted in Regional Office of this Ministry at Bengaluru.
iv	Ministry of Environment, Forests & Climate Change or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.	Noted and agreed. MoEF&CC or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.
v	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry	Noted and agreed
vi	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment, Forests & Climate Change	Will be followed in the event of a change in project profile or change in the implementation agency.
vii	The project proponents shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.	We will update with all the relevant details as and when required.

viii	A copy of the clearance letter shall be marked to concerned Panchayath / local NGO, if any, from whom any suggestion/representation has been made, received while processing the proposal.	Will be followed if any, from whom any suggestion/representation has been made, received while processing the proposal.
ix	Safety provision such as bus bays, service roads intersection improvement etc., will be carried out by the project proponent. The project proponent shall provide adequate facilities as per IRC norms / guidelines.	Already provided. Provided adequate facilities as per IRC norms / guidelines.
x	State Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's Office / Tehsildar's office for 30 days.	Noted. They had followed this.
7	These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 2006, including the Amendments and rules made thereafter.	Noted and agreed for the same
8	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Applicable statutory clearances will be obtained from the respective competent authorities as and when required.

9	The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forests & Climate Change at http://www.envfor.nic.in . The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bengaluru.	Already published in the leading newspapers and submitted photocopy along with earlier compliance report.
10	This clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.	Noted and agreed
11	Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010	Noted and agreed
12	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	Status of compliance to the various stipulated environmental conditions and environmental safeguards are uploaded in website.
13	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the	MoEF&CC regional Office is not accepting hard copies. So submitting only soft copies. Hard copies are being submitted regularly to CPCB and KSPCB Zonal offices.

	respective Regional Office of MoEF & CC, the respective Zonal Office of CPCB and the SPCB.	
14	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of Clearance conditions and shall also be sent to the respective Regional Offices of MoEF & CC by e-mail.	We are regularly submitting The environmental statement for each financial year ending 31 st March in Form-V. Last environmental statement was submitted on 19.09.2024.

**KARNATAKA WASTE MANAGEMENT PROJECT
A DIVISION OF RE SUSTAINABILITY LTD
STRUCTURE OF ENVIRONMENT MANAGEMENT CELL**

Sl.No.	Name of Members	Designation	Qualification	Date of Appointment
1	Dr. Salman Khan	Project Head	Ph.D. in Environmental Science	21.11.2009
2	Dr. S Vipranarayana	Laboratory Head	MSc., Ph.D. in Environmental Science	08.01.2024
3	Mr. Javed Akhtar	Sr. Assistant Manager	M.Sc., Tech in Environmental Science & Technology	05.07.2017
4	Pradeep Sarabi	Operation Head	B.E (Chemical) PGDBM (Operation)	24.07.2018

Karnataka Waste Management Project
AAQM Data Near Weighbridge (Monthly Average data)

Annexure - I

S.No	Parameter	CPCB Standards	Oct	Nov	Dec	Jan	Feb	Mar
1	PM 10 ($\mu\text{g}/\text{m}^3$)	100(24 Hrs)	46.68	43.26	42.97	42.65	41.97	40.87
2	PM 2.5 ($\mu\text{g}/\text{m}^3$)	60(24 Hrs)	24.45	24.53	24.97	25.19	25.33	26.77
3	NOx ($\mu\text{g}/\text{m}^3$)	80(24 Hrs)	40.56	40.22	40.35	40.91	40.51	40.02
4	SO ₂ ($\mu\text{g}/\text{m}^3$)	80(24 Hrs)	37.91	40.08	40.79	40.9	40.69	40.42
5	Lead ($\mu\text{g}/\text{m}^3$)	1(24 Hrs)	BDL	BDL	BDL	BDL	BDL	BDL
6	CO (mg/m^3)	4(1 Hrs)	BDL	BDL	BDL	BDL	BDL	BDL
7	Ozone ($\mu\text{g}/\text{m}^3$)	180(1 Hrs)	29.92	29.5	28.39	28.03	27.83	27.42
8	Ammonia ($\mu\text{g}/\text{m}^3$)	400(24 Hrs)	38.9	40.49	41.22	40.8	41.59	40.59
9	Benzene ($\mu\text{g}/\text{m}^3$)	5(Annual)	BDL	BDL	BDL	BDL	BDL	BDL
10	BaP (ng/m^3)	1(Annual)	BDL	BDL	BDL	BDL	BDL	BDL
11	Arsenic (ng/m^3)	6(Annual)	BDL	BDL	BDL	BDL	BDL	BDL
12	Nickel (ng/m^3)	20(Annual)	BDL	BDL	BDL	BDL	BDL	BDL

AAQM Data Near Canteen (Monthly Average data)

S.No.	Parameter	CPCB Standards	Oct	Nov	Dec	Jan	Feb	Mar
1	PM 10 ($\mu\text{g}/\text{m}^3$)	100(24 Hrs)	41.76	41.39	41.08	41.09	40.73	40.68
2	PM 2.5 ($\mu\text{g}/\text{m}^3$)	60(24 Hrs)	30.42	30.26	31	31.21	31.45	31.23
3	NOx ($\mu\text{g}/\text{m}^3$)	80(24 Hrs)	42.08	41.73	41.84	41.4	41.33	40.89
4	SO ₂ ($\mu\text{g}/\text{m}^3$)	80(24 Hrs)	39.61	39.88	40.48	40.31	40.47	40.95
5	Lead ($\mu\text{g}/\text{m}^3$)	1(24 Hrs)	BDL	BDL	BDL	BDL	BDL	BDL
6	CO (mg/m^3)	4(1 Hrs)	BDL	BDL	BDL	BDL	BDL	BDL
7	Ozone ($\mu\text{g}/\text{m}^3$)	180(1 Hrs)	31.81	31.13	30.84	30.93	31.42	31.02
8	Ammonia ($\mu\text{g}/\text{m}^3$)	400(24 Hrs)	40.57	41.24	41.48	41.66	42.15	41.1
9	Benzene ($\mu\text{g}/\text{m}^3$)	5(Annual)	BDL	BDL	BDL	BDL	BDL	BDL
10	BaP (ng/m^3)	1(Annual)	BDL	BDL	BDL	BDL	BDL	BDL
11	Arsenic (ng/m^3)	6(Annual)	BDL	BDL	BDL	BDL	BDL	BDL
12	Nickel (ng/m^3)	20(Annual)	BDL	BDL	BDL	BDL	BDL	BDL

AAQM Data Near Shed Area (Monthly Average data)

S.No.	Parameter	CPCB Standards	Oct	Nov	Dec	Jan	Feb	Mar
1	PM 10 ($\mu\text{g}/\text{m}^3$)	100(24 Hrs)	40.77	40.49	40.17	41.02	40.5	40.52
2	PM 2.5 ($\mu\text{g}/\text{m}^3$)	60(24 Hrs)	30.74	30.42	29.56	30.28	30.4	30.87
3	NOx ($\mu\text{g}/\text{m}^3$)	80(24 Hrs)	41.16	40.9	40.3	40.07	40.6	40.69
4	SO ₂ ($\mu\text{g}/\text{m}^3$)	80(24 Hrs)	39.43	40.72	40.21	40.27	40.19	40.33
5	Lead ($\mu\text{g}/\text{m}^3$)	1(24 Hrs)	BDL	BDL	BDL	BDL	BDL	BDL
6	CO (mg/m^3)	4(1 Hrs)	BDL	BDL	BDL	BDL	BDL	BDL
7	Ozone ($\mu\text{g}/\text{m}^3$)	180(1 Hrs)	33.23	32.11	31.1	31.78	31.22	32.3
8	Ammonia ($\mu\text{g}/\text{m}^3$)	400(24 Hrs)	39.98	39.6	39.7	40.04	39.71	39.42
9	Benzene ($\mu\text{g}/\text{m}^3$)	5(Annual)	BDL	BDL	BDL	BDL	BDL	BDL
10	BaP (ng/m^3)	1(Annual)	BDL	BDL	BDL	BDL	BDL	BDL
11	Arsenic (ng/m^3)	6(Annual)	BDL	BDL	BDL	BDL	BDL	BDL
12	Nickel (ng/m^3)	20(Annual)	BDL	BDL	BDL	BDL	BDL	BDL

BDL-Below detection limit

Karnataka Waste Management Project
A Division of Re Sustainability Limited
Ground Water Monitoring Data from October 2024 to March 2025
BW1 - Bore Well water near Security Gate
BW2 - Bore Well water near Admin Building (Near Quarantine Tank)

S.NO	Parameters	Oct-24		Nov-24	
		BW1	BW2	BW1	BW2
1	Color	Colorless	Colorless	Colorless	Colorless
2	pH at 25OC	7.22	6.93	7.32	6.95
3	Conductivity	475	310	481	302
4	Turbidity	< 0.5 (DL: 0.5–100 NTU)	1.53	< 0.5 (DL: 0.5–100 NTU)	1.58
5	Total Dissolved Solid	274	201	264	195
6	Total Suspended Solids	< 5 (DL:5-10000mg/L)	< 5 (DL:1-10000mg/L)	< 5 (DL:5-10000mg/L)	< 5 (DL:1-10000mg/L)
7	Total Hardness (as CaCO3)	132.68	78	128.25	80
8	Alkalinity (as CaCO3)	72.21	66.7	70.11	63.21
9	Chloride, as Cl–	45.10	22.4	49.36	20.25
10	Calcium as Ca	30.52	18.46	28.51	17.62
11	Magnesium as Mg	14.69	6.78	15.20	5.48
12	Fluoride, as F–	0.44	0.42	0.32	0.44
13	Nitrate, as NO3–N	< 1.0 (DL: 1–1000 mg/L)	1.18	< 1.0 (DL: 1–1000 mg/L)	1.16
14	Sulfate, as SO42–	1.48	6.52	1.44	6.82
15	Mercury as Hg	< 0.02 (DL: 0.02–0.12 mg/L)	< 0.02 (DL: 0.02–0.12 mg/L)	< 0.02 (DL: 0.02–0.12 mg/L)	< 0.02 (DL: 0.02–0.12 mg/L)
16	Arsenic as As	< 0.2(DL: 0.2–100 mg/L)	< 0.2(DL: 0.2–100 mg/L)	< 0.2(DL: 0.2–100 mg/L)	< 0.2(DL: 0.2–100 mg/L)
17	Cyanide as CN–	< 0.2 (DL: 0.2–100 mg/L)	< 0.2 (DL: 0.2–100 mg/L)	< 0.2 (DL: 0.2–100 mg/L)	< 0.2 (DL: 0.2–100 mg/L)
18	Sodium as Na	16.34	15.44	16.98	16.64
19	Potassium as K	1.98	< 1(DL: 1–1000 mg /L)	1.87	< 1(DL: 1–1000 mg /L)
20	Cadmium, as Cd	< 0.1(DL: 0.1–100 mg /L)	< 0.1(DL: 0.1–100 mg /L)	< 0.1(DL: 0.1–100 mg /L)	< 0.1(DL: 0.1–100 mg /L)
21	Chromium, as Cr	< 0.05 (DL: 0.05–100 mg /L)	< 0.05 (DL: 0.05–100 mg /L)	< 0.05 (DL: 0.05–100 mg /L)	< 0.05 (DL: 0.05–100 mg /L)
22	Copper, as Cu	< 0.03 (DL: 0.03–1000 mg/L)	< 0.03 (DL: 0.03–1000 mg/L)	< 0.03 (DL: 0.03–1000 mg/L)	< 0.03 (DL: 0.03–1000 mg/L)
23	Lead, as Pb	< 0.1 (DL: 0.1–1000 mg /L)	< 0.1 (DL: 0.1–1000 mg /L)	< 0.1 (DL: 0.1–1000 mg /L)	< 0.1 (DL: 0.1–1000 mg /L)
24	Nickel, as Ni	< 0.1(DL: 0.1–1000 mg /L)	0.22	< 0.1(DL: 0.1–1000 mg /L)	0.20
25	Zinc, as Zn	0.18	< 0.1 (DL: 0.1–1000mg/L)	0.16	< 0.1 (DL: 0.1–1000mg/L)
26	Iron as Fe	< 0.1(DL: 0.1–1000 mg/L)	< 0.1(DL: 0.1–1000 mg/L)	< 0.1(DL: 0.1–1000 mg/L)	< 0.1(DL: 0.1–1000 mg/L)
27	Manganese as Mn	< 0.1(DL: 0.1–1000 mg/L)	< 0.1(DL: 0.1–1000 mg/L)	< 0.1(DL: 0.1–1000 mg/L)	< 0.1(DL: 0.1–1000 mg/L)
28	Chemical Oxygen Demand	< 10(DL: 10–10000 mg/L)	< 10(DL: 10–10000 mg/L)	< 10(DL: 10–10000 mg/L)	< 10(DL: 10–10000 mg/L)
29	Total Kjeldahl Nitrogen	< 1(DL: 1–1000mg/L)	< 1 (DL: 1–1000 mg/L)	< 1(DL: 1–1000mg/L)	< 1 (DL: 1–1000 mg/L)

S.NO	Parameters	Dec-24		Jan-25	
		BW1	BW2	BW1	BW2
1	Color	Colorless	Colorless	Colorless	Colorless
2	pH at 25°C	7.30	6.94	7.24	7.02
3	Conductivity	470	295	465	306
4	Turbidity	< 0.5 (DL: 0.5-100 NTU)	1.54	< 0.5 (DL: 0.5-100 NTU)	1.53
5	Total Dissolved Solid	285	178	276	206
6	Total Suspended Solids	< 5 (DL: 5-10000mg/L)	< 5 (DL: 1-10000mg/L)	< 5 (DL: 5-10000mg/L)	< 5 (DL: 1-10000mg/L)
7	Total Hardness (as CaCO3)	125.4	82	125.0	82
8	Alkalinity (as CaCO3)	68.42	62.58	70.36	64
9	Chloride, as Cl ⁻	47.36	20.44	43.98	21.3
10	Calcium as Ca	27.39	16.32	28.0	19.5
11	Magnesium as Mg	15.10	5.50	23.57	6.82
12	Fluoride, as F ⁻	0.30	0.42	0.36	0.37
13	Nitrate, as NO ₃ ⁻ -N	< 1.0 (DL: 1-1000 mg/L)	1.12	< 1.0 (DL: 1-1000 mg/L)	1.22
14	Sulfate, as SO ₄ ²⁻	1.46	6.88	1.42	6.32
15	Mercury as Hg	< 0.02 (DL: 0.02-0.12 mg/L)	< 0.02 (DL: 0.02-0.12 mg/L)	< 0.02 (DL: 0.02-0.12 mg/L)	< 0.02 (DL: 0.02-0.12 mg/L)
16	Arsenic as As	< 0.2 (DL: 0.2-100 mg/L)	< 0.2 (DL: 0.2-100 mg/L)	< 0.2 (DL: 0.2-100 mg/L)	< 0.2 (DL: 0.2-100 mg/L)
17	Cyanide as CN ⁻	< 0.2 (DL: 0.2-100 mg/L)	< 0.2 (DL: 0.2-100 mg/L)	< 0.2 (DL: 0.2-100 mg/L)	< 0.2 (DL: 0.2-100 mg/L)
18	Sodium as Na	16.92	15.23	18.22	16.20
19	Potassium as K	1.80	< 1 (DL: 1-1000 mg/L)	1.93	1.72
20	Cadmium, as Cd	< 0.1 (DL: 0.1-100 mg/L)	< 0.1 (DL: 0.1-100 mg/L)	< 0.1 (DL: 0.1-100 mg/L)	< 0.1 (DL: 0.1-100 mg/L)
21	Chromium, as Cr	< 0.05 (DL: 0.05-100 mg/L)	< 0.05 (DL: 0.05-100 mg/L)	< 0.05 (DL: 0.05-100 mg/L)	< 0.05 (DL: 0.05-100 mg/L)
22	Copper, as Cu	< 0.03 (DL: 0.03-1000 mg/L)	< 0.03 (DL: 0.03-1000 mg/L)	< 0.03 (DL: 0.03-1000 mg/L)	< 0.03 (DL: 0.03-1000 mg/L)
23	Lead, as Pb	< 0.1 (DL: 0.1-1000 mg/L)	< 0.1 (DL: 0.1-1000 mg/L)	< 0.1 (DL: 0.1-1000 mg/L)	< 0.1 (DL: 0.1-1000 mg/L)
24	Nickel, as Ni	< 0.1 (DL: 0.1-1000 mg/L)	0.22	< 0.1 (DL: 0.1-1000 mg/L)	< 0.1 (DL: 0.1-1000 mg/L)
25	Zinc, as Zn	0.18	< 0.1 (DL: 0.1-1000mg/L)	0.19	0.20
26	Iron as Fe	< 0.1 (DL: 0.1-1000 mg/L)	< 0.1 (DL: 0.1-1000 mg/L)	< 0.1 (DL: 0.1-1000 mg/L)	< 0.1 (DL: 0.1-1000 mg/L)
27	Manganese as Mn	< 0.1 (DL: 0.1-1000 mg/L)	< 0.1 (DL: 0.1-1000 mg/L)	< 0.1 (DL: 0.1-1000 mg/L)	< 0.1 (DL: 0.1-1000 mg/L)
28	Chemical Oxygen Demand	< 10 (DL: 10-10000 mg/L)	< 10 (DL: 10-10000 mg/L)	< 10 (DL: 10-10000 mg/L)	< 10 (DL: 10-10000 mg/L)
29	Total Kjeldahl Nitrogen	< 1 (DL: 1-1000mg/L)	< 1 (DL: 1-1000 mg/L)	< 1 (DL: 1-1000mg/L)	< 1 (DL: 1-1000mg/L)

S.NO	Parameters	Feb-25		Mar-25	
		BW1	BW2	BW1	BW2
1	Color	Colorless	Colorless	Colorless	Colorless
2	pH at 25°C	7.26	6.90	7.29	6.8
3	Conductivity	462	280	466	270
4	Turbidity	< 0.5 (DL: 0.5–100 NTU)	1.55	< 0.5 (DL: 0.5–100 NTU)	1.6
5	Total Dissolved Solid	270	180	268	190
6	Total Suspended Solids	< 5 (DL: 5-10000mg/L)	< 5 (DL: 1-10000mg/L)	< 5 (DL: 5-10000mg/L)	< 5 (DL: 1-10000mg/L)
7	Total Hardness (as CaCO ₃)	124.0	75.5	122.0	74.2
8	Alkalinity (as CaCO ₃)	70.32	60.6	72.54	58.6
9	Chloride, as Cl ⁻	42.5	20.5	41.2	21.4
10	Calcium as Ca	28.6	25.4	26.8	25.6
11	Magnesium as Mg	22.54	11.95	20.8	11.2
12	Fluoride, as F ⁻	0.40	0.34	0.42	0.32
13	Nitrate, as NO ₃ ⁻ -N	< 1.0 (DL: 1–1000 mg/L)	1.14	< 1.0 (DL: 1–1000 mg/L)	1.12
14	Sulfate, as SO ₄ ²⁻	1.40	6.5	1.38	6.6
15	Mercury as Hg	< 0.02 (DL: 0.02–0.12 mg/L)	< 0.02 (DL: 0.02–0.12 mg/L)	< 0.02 (DL: 0.02–0.12 mg/L)	< 0.02 (DL: 0.02–0.12 mg/L)
16	Arsenic as As	< 0.2 (DL: 0.2–100 mg/L)	< 0.2 (DL: 0.2–100 mg/L)	< 0.2 (DL: 0.2–100 mg/L)	< 0.2 (DL: 0.2–100 mg/L)
17	Cyanide as CN ⁻	< 0.2 (DL: 0.2–100 mg/L)	< 0.2 (DL: 0.2–100 mg/L)	< 0.2 (DL: 0.2–100 mg/L)	< 0.2 (DL: 0.2–100 mg/L)
18	Sodium as Na	16.50	15.22	16.80	15.24
19	Potassium as K	1.64	< 1 (DL: 1–1000 mg/L)	1.68	< 1 (DL: 1–1000 mg/L)
20	Cadmium, as Cd	< 0.1 (DL: 0.1–100 mg/L)	< 0.1 (DL: 0.1–100 mg/L)	< 0.1 (DL: 0.1–100 mg/L)	< 0.1 (DL: 0.1–100 mg/L)
21	Chromium, as Cr	< 0.05 (DL: 0.05–100 mg/L)	< 0.05 (DL: 0.05–100 mg/L)	< 0.05 (DL: 0.05–100 mg/L)	< 0.05 (DL: 0.05–100 mg/L)
22	Copper, as Cu	< 0.03 (DL: 0.03–1000 mg/L)	< 0.03 (DL: 0.03–1000 mg/L)	< 0.03 (DL: 0.03–1000 mg/L)	< 0.03 (DL: 0.03–1000 mg/L)
23	Lead, as Pb	< 0.1 (DL: 0.1–1000 mg/L)	< 0.1 (DL: 0.1–1000 mg/L)	< 0.1 (DL: 0.1–1000 mg/L)	< 0.1 (DL: 0.1–1000 mg/L)
24	Nickel, as Ni	< 0.1 (DL: 0.1–1000 mg/L)	0.16	< 0.1 (DL: 0.1–1000 mg/L)	0.15
25	Zinc, as Zn	0.22	< 0.1 (DL: 0.1–1000mg/L)	0.24	< 0.1 (DL: 0.1–1000mg/L)
26	Iron as Fe	< 0.1 (DL: 0.1–1000 mg/L)	< 0.1 (DL: 0.1–1000 mg/L)	< 0.1 (DL: 0.1–1000 mg/L)	< 0.1 (DL: 0.1–1000 mg/L)
27	Manganese as Mn	< 0.1 (DL: 0.1–1000 mg/L)	< 0.1 (DL: 0.1–1000 mg/L)	< 0.1 (DL: 0.1–1000 mg/L)	< 0.1 (DL: 0.1–1000 mg/L)
28	Chemical Oxygen Demand	< 10 (DL: 10–10000 mg/L)	< 10 (DL: 10–10000 mg/L)	< 10 (DL: 10–10000 mg/L)	< 10 (DL: 10–10000 mg/L)
29	Total Kjeldahl Nitrogen	< 1 (DL: 1–1000mg/L)	< 1 (DL: 1–1000 mg/L)	< 1 (DL: 1–1000mg/L)	< 1 (DL: 1–1000 mg/L)