

IN THE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, KALAS MAHAL, CHENNAI
OA 16/2024 (SZ)

IN THE MATTER OF:

Dr Prasad Bhandge

... APPLICANT

VERSUS

Karnataka State Pollution Control
Board & Ors

...RESPONDENTS

Previous D.o.H: 10.06.2025

Next D.o.H: 14.08.2025

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Place: NEW DELHI

Date: 12.08.2025

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ
ಪ್ರಾದೇಶಿಕ ಕಛೇರಿ, ಕಾರವಾರ
"ವಲಸರ ಭವನ", ನ್ಯೂ ಕೆ.ಎಚ್.ಬಿ. ಕಾಲೋನಿ,
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Karnataka State Pollution Control Board
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towards a cleaner Karnataka

NO: KSPCB/ RO-KWR/IR/LR-17/2025-26/ 557

DATE:

19 JUN 2025

To,

The Member Secretary,
Karnataka State Pollution Control Board,
"Parisara Bhavan", #49, 4th & 5th Floor,
Church Street, Bangalore-560001

Kind Atten: " Legal Officer-Legal cell"

Sir,

Sub: Submission of inspection report w.r.t. M/s. E.I.D. Parry (India) Ltd., Hullatti
Village, Haliyal Taluk, U. K. District -reg

Ref: 1. Consent Order No.AW- 329434, dated: 25/01/2022.

2. Consent Order (CFO-Expand) No. AW-342709, dated: 28/03/2024.

3. Hon'ble NGT order in OA No. 16/2024, dated: 10/06/2025

4. Industry was inspected by Officers of this Office on 11/06/2025.

The authority of M/s. E.I.D. Parry (India) Ltd., have obtained combined consent under the provisions of Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 from the Board for manufacture of white crystal sugar (sugar crushing capacity 11,500TCD), total co-generation of power (capacity 57MWH) and molasses based distillery of capacity 90KLD and is valid up to 30/06/2026 vide ref (1). Further, industry has obtained CFOxp under Water (Prevention & Control of Pollution) Act, 1974 & Air (Prevention & Control of Pollution) Act, 1981 for operation of 120KLD (only for Ethanol production) distillery unit, 3.5MWH of power from incineration boiler and Sewage treatment plant of capacity 40KLD (MBBR Technology) vide ref (2). The industry was inspected by Officers of this office on 11/06/2025 vide ref (3). The detailed inspection reports are herewith submitted for kind perusal and needful.

Yours faithfully


ENVIRONMENTAL OFFICER
KSPCB, RO, KARWAR

Encl: As above

ನಮ್ಮೆಲ್ಲರ ಜಿತ್ತ, ನೈಸರ್ಗಿಕ ಸಂಪನ್ಮೂಲಗಳ ಖತ ಖಚಕೆಯತ್ತ
ತ್ಯಾಜ್ಯ ಉತ್ಪಾದನೆಯನ್ನು ತಗ್ಗಿಸಿ

Our motto is to minimize waste generation
through Judicious use of natural resources

INSPECTION REPORT OF SRI. B.K SANTOSH ENVIRONMENTAL OFFICER,
KARNATAKA STATE POLLUTION CONTROL BOARD, REGIONAL OFFICE,
KARWAR.

1	Name and Address of the Industry	M/s E.I.D. Parry (India) Ltd., Sy. No. 12/1 to 3, 13/1 to 4, 14/1-2, 16/1, etc., Hullatti Village, Haliyal Taluk-581329, Uttara Kannada District.										
2	Type of activity of the industry along with category and classification as per Board notification	Large Red (17-Category) Sugar and Distillery 1154-R-Sugar (Excluding Khandsari) 1112-R-Distillery (molasses/grain/yeast based) &/or Composting of Press mud, Bio-fertilizer and organic Nutrients using Spent Wash.										
3	Date of inspection	11/06/2025										
4	Person contacted	Sri. Vishwanath B.M- Senior Executive Environment. Sri. Rajendra Acharya- Unit Head. Sri. Preetam Patel- Ast. Manager Environment. Sri. Deepak Khandelwal-AGM Process. Sri. Ajit Anchekar-Civil Head. Smt. Neeta L-Manager HR. Sri. Rakesh KM- Environment Trainee.										
5	Consent status (existing)	<p>Authority has obtained Consent under Water Act, 1971 and Air Act, 1984 vide consent order no. AW- 329434, dated: 25/01/2022 and is valid up to 30/06/2026.</p> <p>Further, Industry had applied and obtained CFO Expansion for Distillery unit from 90 KLD to 210 KLD, 3.5MWH of power from incineration boiler and 40KLD STP vide Consent order No. AW-342709, dated:28/03/2024 and is valid upto 30/06/2026.</p> <table border="1"> <thead> <tr> <th>Product</th> <th>Consented Capacity</th> </tr> </thead> <tbody> <tr> <td>Sugar Cane Crushing</td> <td>11500TPD</td> </tr> <tr> <td>Co-gen Power plant</td> <td>54MW</td> </tr> <tr> <td>Distillery</td> <td>210KLD (90KLD RS/ENA/Ethanol and 120KLD only ethanol)</td> </tr> <tr> <td>Distillery Co-gen plant (Incineration Boiler)</td> <td>6.5MW</td> </tr> </tbody> </table> <p>Further, industry has obtained CFExp for Expansion of Distillery unit from 90 KLD to 210 KLD, 3.5MWH of power from incineration boiler and 40KLD STP vide CTE NO: 340409, dated: 5/11/2023.</p> <p>Further, Industry had applied and obtained CFO Expansion for for Distillery unit from 90 KLD to 210 KLD, 3.5MWH of power from incineration boiler and 40KLD STP vide Consent order No. AW-342709, dated:28/03/2024 and is valid upto 30/06/2026.</p>	Product	Consented Capacity	Sugar Cane Crushing	11500TPD	Co-gen Power plant	54MW	Distillery	210KLD (90KLD RS/ENA/Ethanol and 120KLD only ethanol)	Distillery Co-gen plant (Incineration Boiler)	6.5MW
Product	Consented Capacity											
Sugar Cane Crushing	11500TPD											
Co-gen Power plant	54MW											
Distillery	210KLD (90KLD RS/ENA/Ethanol and 120KLD only ethanol)											
Distillery Co-gen plant (Incineration Boiler)	6.5MW											

6	Authorization status under Hazardous & Other Wastes(Management & Transboundary Movement) Rules, 2016	Industry has valid authorization vide no. 328508, dated: 3/12/2021 for the period up to 30/06/2026.
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M/s E.I.D. Parry (India) Ltd is an existing sugar and distillery industry, located at Sy. No. 12/1 to 3, 13/1 to 4, 14/1-2, 16/1, etc., Hullatti-Village, Haliyal-Taluk, Uttara Kannada-District and engaged in the manufacture of white crystal sugar (sugar crushing capacity 11,500TCD), total co-generation of power (capacity 57MWH) and molasses based distillery of capacity 90KLD and Industry has obtained consent of the Board under both Water Act and Air Act and is valid up to 30/06/2026 vide consent order no. AW- 329434, dated: 25/01/2022 and industry has obtained CFExp for Expansion of Distillery unit from 90 KLD to 210 KLD, 3.5MWH of power from incineration boiler and 40KLD STP vide CTE NO: 340409, dated: 5/11/2023. Further, Industry had applied and obtained CFO Expansion for for Distillery unit from 90 KLD to 210 KLD, 3.5MWH of power from incineration boiler and 40KLD STP vide Consent order No. AW-342709, dated:28/03/2024 and is valid up to 30/06/2026. In view of the routine inspection, the industry was inspected on 11/06/2025.

Industry has obtained Environmental Clearance vide EC identification no- EC23A022KA199431, dated: 04/04/2023 for following products and capacity;

Sr. No.	Unit	Name of the product /By product	Existing	Expansion	Total
1	Sugar	Sugar	11500 TCD	-	11500 TCD
2	Co-gen Power plant	Power	54MW	-	54MW
3	Distillery	Rectified Spirit/ENA/Ethanol	90KLD (Rectified Spirit/ENA/Ethanol)	120KLD (Only Ethanol)	210KLD
4	Power from Incineration boiler	Power	3MW	3.5MW	6.5MW

Earlier, based on the complaint dated 25/05/2022 from Dr. Prasad Bhandge and others that Hanumantha pond which is downside of M/s EID Parry (India) Ltd., is polluted due to the effluent discharge from the industry, local officers of KSPCB have inspected the industry and surrounding area on 26/05/2022. During inspection, it was observed that sudden and heavy pre-monsoon showers during the 3rd and 4th weeks of May 2022 have created surface run-off including stagnant water in the drains near sugar and distillery section and joined the Hanumantha tank, making the water of the pond brownish in colour. Based on the observations, local officer has issued notice dated 27/05/2022 for the non-compliances. Industry has submitted compliance report on 9/06/2022. Further, Assistant Commissioner, Karwar and Regional Officer, Karwar have jointly inspected the industry and its suburbs on

25/08/2022 followed by meeting with the industry and during the meeting, direction was given to industry authority for de-siltation and rejuvenation of Hanuman tank.

In continuation the complainant Dr. Prasad Bhandge has filed an application before the Hon'ble NGT that, M/s EID Parry sugar mill at Haliyal, District Uttara Kannada Karwar, Karnataka which is discharging untreated industrial effluent into nearby pond at Survey No. 39, Hanumanth Kere and also contaminating ground water table affecting the source of drinking water available to livestock and residents in nearby area. The complainant also has alleged that the discharge of effluents in the river Kali is also causing huge water pollution in the area and the fly ash generated in the unit is not being handled scientifically, but, is being dumped in open area and agricultural fields affecting agricultural produce of the villagers.

Hon'ble NGT Principal Bench, New Delhi has registered OA No. 851/2022 (PB) based on the complaint. In compliance to Hon'ble NGT order, the Member Secretary, Karnataka State Pollution Control Board (KSPCB) has nominated Senior Environmental Officer, Zonal Office, Mangalore as the representative of KSPCB for joint inspection, vide Office Memorandum No. PCB /137/HPI/2016-17/2023/7777, dated 17.02.2023. Further, Deputy Commissioner has asked the local Agriculture Officer to be part of the inspection. Accordingly, the Joint committee consisted of the following members:

Sl. No	Name & Designation	Details
1	Deputy Commissioner, Uttara Kannada Distrcit, Karwar.	Chairman
2	Regional Senior Environmental Officer – Mangaluru No.10B, Baikamady Industrial Area, Mangaluru-575011	Member
3	Agriculture Officer (Technical), Office of the Asst. Director of Agriculture (ADA), Haliyal representing the ADA, Haliyal	Invitee
4	Environmental Officer (I/c), Karnataka State Pollution Control Board, Regional Office, Udupi – 576 104	Member Convener

The Member Convener of the committee communicated the date of inspection to the Committee members for carrying out inspection on mutually agreed dates i.e. **February 24th, 2023.**

Accordingly, the site inspection was carried out on 24th February 2023 with the following members:

- 1) Sri. Prabhuling Kavalikatti IAS, Deputy Commissioner, Uttara Kannada Distrcit, Karwar.
- 2) Smt. Vijaya Hegde, Senior Environmental Officer, Karnataka State Pollution Control Board, Divisional Office, Mangaluru, Dakshina Kannada District
- 3) Dr. Ganapati Hegde, Deputy Environmental Officer, Karnataka State Pollution Control Board, Regional Officer, Karwar.
- 4) Sri. Theerthaya S. Chikkamath, Agriculture Officer (Technical-1), Office of the Assistant Director of Agriculture, Haliyal.

The Committee met the complainants near the Hanumantha kere (Hanumantha pond) at the backside of the industry in question and had discussion about the case, later, proceeded for field inspection and environmental samplings around M/s. EID Parry (India) Ltd., Haliyal. Sampling was carried out both within and outside the industry premises.

Further, inspection report of joint committee with respect to M/s. EID Parry (India) Ltd., Haliyal has been submitted before Hon'ble NGT vide order No. PCB/RO(KWR)/NGT/OA.No.851/2022/2023-24/99, dated:06/05/2023. Further, OA. No. 851/2022 was disposed by Hon'ble NGT Principal, New Delhi and Hon'ble NGT Southern Zone, Chennai has registered in OA No. 16 of 2024 (SZ).

This office received an email from Legal section, dated 09/01/2025 regarding the submission of the status report on the NGT aspects. This Office forwarded the inspection report, analysis report and compliance to The Member Secretary, KSPCB, Bangalore vide letter No. 1334, dated:08/01/2025. Further, this Office forwarded the status report, compliance report/ action taken report received from M/s. E.I.D Parry (India) Ltd., Haliyal to the Board Office, Legal Cell, Bangalore vide letter No.1335, dated:28/01/2025. Further the Industry was inspected by Officers of this Office on 23/04/2025. In continuation to the above, this office received an email from Legal section, dated 24/04/2025, regarding the submission of the present status report w.r.t OA No. 16/2024. In this regard, the detailed inspection report and photographs are forwarded to Board Office, Legal Cell, Bangalore vide letter No.203, dated:25/04/2025. Hon'ble NGT order dated 10/06/2025 it was directed to submit present status report.

Manufacturing Process details:

- **Sugar Mill section:**

Reception of sugar cane -> Shedder/crusher-> Diffuser-> Screening of juice-> Evaporation-> Boiling-> Crystallization->Centrifuge -> Sugar and molasses separated.

- **Distillery Section:**

Molasses-> Dilution of Molasses ->Fermentation-> Distillation-> Rectified Spirit and Ethanol generation.

1. Water Pollution Control Status as per consent:

The source of water is Kali River about 3,491KLD. The water is consumed for manufacturing purpose; the details of water consumption and waste water generation as per annexure-1 to consent issued are as below:

Sl. No	Purpose	Water Consumption in KLD	Waste water generation in KLD	Final disposal
1	Domestic purpose	45	36	Septic Tank and Soak Pit They have installed 40KLD STP with MBBR Technology and is under Operation.
2	Boiler Feed	668	331	The trade effluent generating from the existing unit shall be treated in the existing ETP of capacity 1600KLD. The trade effluent generated from the expansion activity shall be treated in the new ETP of capacity 1000 KLD for in addition to the existing ETP and
3	Cooling water	1845	125	
4	Manufacturing purpose (Sugar mill)	142	1134	
5	Manufacturing purpose (distillery and Co-gen plant)	791 fresh water (+200 KLD of sugar mill)	868	

		condensate water)		treated water shall be used for on land irrigation within the agricultural land in an area of 62 Acres and farm land of agriculture around and adjacent to industry. Total Existing ETP Capacity 2600 KLD.
	Total	3491 KLD fresh water	2494	

Earlier consent was issued to with a condition to provide STP of required capacity for treatment of sewage and now, they have installed STP of capacity 40KLD with MBBR Technology and is under operation. The design details of the installed Sewage Treatment Plant are as follows;

Sl No.	Unit details	Unit design	Unit volume
1	Bar screen	1m*1m*1m	1m ³
2	Oil and Grease Tank	1.5m*1m*1m	1.5 m ³
3	Tube settler	1m*1.7m*1.9m	3.2 m ³
4	Filter feed tank	1.25m*1.7m*1.9m	4.03m ³
3	Equalization tank	3m dia*3.5m height	24 m ³ KL (12 hrs retention time)
4	Aeration Tank	4m*1.5m*2m	12 m ³
	MBBR Tank	1.6m*1.7m*1.9m	5.16 m ³
5	Settling Tank	1m*1.7m*1.9m	3.2 m ³ (1 m ³ /hr)
6	Filtration units (Dual media Filter and Activated carbon filter)	a. 600mm dia * 1800mm (4 m ³ /hr) b. 16" * 65" (total flow rate 4 m ³ /hr)	a. 600mm dia * 1800mm (4 m ³ /hr) b. 16" * 65" (total flow rate 4 m ³ /hr)
7	Filter press	6 m ³ /hr	2MT sludge
8	Treated water storage tank	3m dia* 2m length	14 m ³

Water requirement for expansion activity, waste water generation and its treatment & mode of disposal are as follows (as per CFExp).

Sl. No	Purpose	Water Consumption in KLD	Waste water generation in KLD	Final disposal
1	Boiler Feed	60 KLD (total 840 out of which daily make water is 60KLD)	35KLD (treated in PCTP)	Industry has provided process condensate treatment plant (PCTP) of capacity 1430KLPD consists of Equalization tank,
2	Cooling water	872 KLD (water requirement met)	184KLD (treated in PCTP)	

		from PCTP)		flash mixture, flocculator, MBBR based aeration tank, clarifier, activated carbon filter, dual media filter and RO system.
3	Manufacturing purpose (distillery plant-syrup based)	648 (480 fresh water and 168 from PCTP)	948 KLD-process condensate coming from evaporation of raw spent wash: (generation excess due to usage of syrup and recycled condensate lees) 128-KLD spent lees from distillation column.	
	Total	1580 KLD (fresh water is 480KL)	1295 KLD	

Total water fresh water requirement for the project as per EC is 3491KLD and no addition of fresh water during expansion project. Water requirement for new expansion project is 480KL and water requirement is met by be recycling and reduced water requirement in existing plant. Total water requirement is 1580 KLD (648 KLD for fermentation, 872KLD for cooling tower and 60KLD for boiler make up) out of which 1100KLD is available from process condensate treatment plant (PCTP) and remaining 480KLD is from reduction in Sugar Co-gen plant (provided CPU of capacity 1800m³ the treated water from CPU is taken at sugar co-gen cooling tower as against earlier unit requires fresh water for cooling tower).

Existing ETP details;

- During inspection, Effluent treatment plant area visited and all the units of ETP are under operation. Industry authority has provided ETP of capacity 2600 m³/day (1600 m³/day old ETP & 1000 m³/day new ETP installed during expansion of sugar cane crushing capacity to 11500TCD).

The details of old existing ETPs are as below.

ETP of capacity 1600 KLD			
Sl. No.	ETP units	dimensions	capacity
1	Bar screen chamber	1.4m X 3.0m X 1.0mSWD+0.3FB	4.2cum
2	Oil removal tank	2.0m X 8.5m X 1.2mSWD+0.4FB	20.4cum
3	Oil collection pit	11.0m X 1.0m X 1.0mSWD+0.5FB	1.0cum
4	Equalization tank	10.0m X 20.0m X 2.5mSWD+0.3FB	500cum
5	Lime dosing tank	1.5m X 1.5m X 1.5mSWD+0.3FB	3.375cum
6	Flash mixer tank	2.3m X 2.3m X 2.0mSWD+0.3FB	10.58cum
7	Tube settler tank	4.5m X 4.0m X 2.5mSWD+0.3FB	45cum
8	Feed tank	4.0m X 4.5m X 2.7mSWD+0.3FB	48.6cum
9	Anaerobic reactor	10.40m dia X 8.90mSWD+1.0FB	755.65cum
10	Bio-tower	8.0m X 8.0m X 6.0m	384cum
11	Settling tank	4.6m dia X 2.5mSWD+0.5FB	41.5cum
12	Aeration tank-1	5.0m X 10.0m X 4.5mSWD+0.5FB	225cum

13	New Aeration tank-2	39.0m X 18.0m X 3.0m	2106cum
14	Primary clarifier	9.0m dia X 2.5mSWD+0.5FB	158.96cum
15	New secondary clarifier	11.0m dia X 4.5m hig	450cum
16	Treated effluent collection tank	3.0m X 6.0m X 2.3mSWD+0.5FB	41.4cum
17	New sludge drain bed	4.98m X 4.93m X 1.45m	35cum
18	Sludge drying bed	5.0m X 5.0m X 1.45m	35cum
19	Filter chamber	1.50m X 1.50m X 2.0m	9cum
ETP of capacity 1000 KLD			
Sl. No.	ETP units	dimensions	capacity
1	Bar screen chamber	8.4m X 0.90m X 3.950m	30 cum
2	Oil skimmer tank	8.4m X 3.50m X 3.950m	115 cum
3	Equalization tank	16.35m X 14.85m X 5.95m	1450 cum
4	Lime dosing tank	1.5m X 1.5m X 1.5m	4 cum
5	Aeration tank	29m X 41.85m X 4.0m	4854 cum
6	Clarifier	12.0m dia X 3.0m	33 cum
7	Sludge drying beds	4.98m X 4.93m X 1.45m	35 cum

- The industry has provided online continuous effluent monitoring system which shows real time data for the parameters such as PH, Flow rate, BOD, COD and TSS. The online reading during inspection are as follows,

Parameter	Readings
pH	7.21
COD (mg/L)	44
BOD (mg/L)	11.9
TSS (mg/L)	10.5
Temperature (°C)	28.0

Air Pollution Control Status:

The source of existing air pollution in the industry and control measures attached to the source is as below:-

Sl. No.	Air Pollution source	Air Pollution control measures provided
1	Vibratory screen- 10TPH	Chimney Ht.15m. AGL with multi cyclone dust collector.
2	Boiler- 35 TPH (Coal fired)	Chimney Ht.50m. AGL with Bag filter.
3	Boiler- 45 TPH (Bagasse fired)	Chimney Ht.44m. AGL with E.S.P.
4	Boiler- 100 TPH - (Bagasse fired)	Chimney Ht.70m. AGL with E.S.P
5	Boiler- 120 TPH (Bagasse fired)	Chimney Ht.72m. AGL with E.S.P.

6	D.G. Set -500 KVA	Chimney Ht.30m AGL with acoustic enclosures.
7	D.G. Set -1000 KVA	Chimney Ht.30m AGL with acoustic enclosures.

During inspection authority informed that, as per EC condition authority has to discharge emission of SPM within $30\text{mg}/\text{nm}^3$ and no vender come forward and not assure emission of SPM within $30\text{mg}/\text{nm}^3$ by using ESP and hence, authority installed bag filters.

Legal samples of stack emissions of boilers of capacity 100TPH and 45TPH at sugar mill section collected on 06/12/2024 and thimbles are handed over to laboratory at Regional Office, Dharwad for analysis. The results are as follows

Boiler	Particulate Matter (mg/nm^3)	
	Prescribed limit	Measured value
100 TPH boiler	150	88
45 TPH boiler		52

Legal samples of stack emissions of boilers of capacity 100TPH and 45TPH at sugar mill section collected on 08/01/2025 and thimbles are handed over to laboratory at Regional Office, Dharwad for analysis. The results are as follows

Boiler	Particulate Matter (mg/nm^3)	
	Prescribed limit	Measured value
120 TPH boiler	150	83
45 TPH boiler		64

Samples of stack emissions of boilers of capacity 100TPH and 45TPH at sugar mill section collected on 10/02/2025 and thimbles are handed over to laboratory at Regional Office, Dharwad for analysis. The results are as follows

Boiler	Particulate Matter (mg/nm^3)	
	Prescribed limit	Measured value
120 TPH boiler	150	48
45 TPH boiler		61

Hazardous Waste Management:

Industry has obtained authorization under Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 vide no. 328508, dated: 3/12/2021 for the period up to 30/06/2026.

Type of hazardous waste generated, and mode of disposal for which authorization given are as follows:-

Waste Category	Hazardous Waste generated	Authorized Quantity	Method of disposal as per authorization
5.1	Used Oil	0.5 MT/A	Shall be stored in secure manner and handed over to authorized re-processors/recyclers.

5.2	Wastes Residues Contaminated with Oil	0.002 MT/A	Shall be stored in secure manner and handed over to KSPCB authorized incinerators/co-processing in cement kiln.
33.1	Empty barrels/containers/liners contaminated with hazardous chemicals/wastes.	0.010 MT/A	Shall be stored in secure manner and handed over to KSPCB authorized recycler.

Authorities have submitted the annual returns under HWM, Rules, 2016 for the financial year 2023-24. The generation of used oil is 0.42MT, previous year stock 0.19MT and out of which 0.46MT is internally consumed for lubrication purpose and stored quantity is 0.15MT and oil soaked cotton waste generation is 0.62MT and same is incinerated in the incineration boiler and not generated Empty barrels/containers/liners contaminated with hazardous chemicals/wastes. For the last year 2024-25 industry has not generated any kind of hazardous waste and not observed any stored hazardous waste in the enmarked area/premises.

Solid Waste Management:

Industry is generating following solid waste and details are as follows;

Sl. no.	Type of Solid Waste	Quantity generation in TPD	Mode of storage, treatment and disposal
1	Boiler Ash (Both fly ash and bottom ash)	46.7	Fly ash from Bagasse shall be used as manure in agricultural land.
2	Distillery boiler ash	15	Given to group of fertilizer unit.
3	Lime Sludge	2.0	Used for landfill in the premises.
4	Press mud	247.5	Used for composting/ manure to farmers.
5	ETP sludge	0.46	Used as a manure.
6	Yeast sludge	1.2	Mixed with concentrated spent wash and incinerated in the boiler
7	Raw spent wash	400	Evaporated in MEE and concentrated spent wash being incinerating in 35TPH boiler.

Solid waste generation from expansion activity:

Sl. no.	Type of Solid Waste	Quantity generation in TPD (as per CFExp)	Mode of storage, treatment and disposal
1	Distillery boiler ash	56	Will be given to group of fertilizer unit.
2	PCTP sludge	1.5	Used as a manure.
3	Yeast sludge	2	Mixed with concentrated spent wash and incinerated in the boiler
4	Raw spent wash	720	Evaporated in MEE and concentrated spent wash incinerate in 35TPH boiler.

Observations made during inspection:

1. During inspection, it was observed that, the cane crushing activity was stopped and the authorities informed that, they have closed the cane crushing season on 23/02/2025 and tentatively they start the cane crushing on 30/09/2025.
2. Authorities informed that, total quantity of cane crushed is about 98,6808.14 MT from the month of 9th November 2024 to 23rd February 2025.
3. The production details for the period 2024 -25 is as follows

Sl. No	Production Details	Quantity(MT)	Remarks
1	Cane Crushed Total	986808.14	09.11.2024 to 23.02.2025
2	Sugar Production total	103019	
3	Molasses BH Generation	27868	
4	Molasses CH Generation	23985	
5	Syrup to Distillery	21130.5	
6	Press mud Total	12091.501	
7	Bagasse Total	260517.45	
8	Ash Sale	13674.959	01.04.2024 to 31.03.2025
9	Ethanol (KL)	30003.12	
10	ENA (KL)	14291.14	

4. Industry has provided flow meters to the inlet and outlet of the ETP and keeping records of inflow and outflow of the ETP. Yet to provide piezometer wells around spent wash storage tank. On enquiry authority informed that, they have approached their head office and will be provided it at the earliest.
5. During earlier inspection sample of treated trade effluent collected from final holding tank on 16/05/2024, 12/06/2024, 05/07/2024, 07/08/2024, 05/09/2024, 09/10/2024 07/11/2024, 06/12/2024, 08/01/2025, 10/02/2025, 06/03/2025 and 08/04/2025 samples conforms to the stipulated standards.
6. Industry has provided screw press for dewatering the ETP sludge and same was put into operation.
7. Industry has provided condensate polishing unit of capacity 1800m³/day with ultra filtration system and authorities informed that, they are utilizing it to treat the sugar condensate water only during crushing season.
8. As per the direction issued earlier authorities were collecting and treating the small scale leakages in distillery sections in existing ETP. Not observed stagnated water in distillery section and not observed stagnated water in collection tank. Industry has provided one concrete pit adjacent to bagasse yard to collect any leached washings. Authorities were informed to pump and treat the collected water in the tank and not to allow stand it for long time.
9. Industry authorities have provided the Process Condensate Treatment Plant (PCTP) of capacity 1440m³/day as a Zero Liquid Discharge technique to treat the distillery process condensate water and are being utilized in the process itself.
10. Industry has provided two coal sheds at co-gen plant area of capacity 500MT and 2000 MT each and one bagasse shed at Distillery section of capacity 4500MT.
11. Authorities have constructed the Bagasse storage shed and a belt conveyor system has been installed from the existing bagasse storage yard to the bagasse new storage shed.

12. Authorities have constructed the drains and pipe lines connecting to the collection tank of capacity 450m³ constructed at the Bagasse storage yard. The Leachate water collected in the sump/collection tank is being sent to the ETP for further treatment and treated water is being utilized for agricultural fields. This avoids the entry of Leachate to the Hanumantha Pond along with the rain water. Authorities were directed to maintain the treated water standards as stipulated from the Board and hygiene shall be maintained near the area of Bagasse storage areas.
13. Spent wash generated in distillery unit is being concentrated in MEE and concentrated spent wash is being burnt in boiler. Bottom ash is being taken to fertilizer plant and used as one of the ingredient for production of fertilizer.
14. Boiler Ash from Sugar Mill section is being handed over to farmers to use as manure in their agricultural land and also for brick manufacturers. Earlier industry has two silos of capacity 40MT each and now, they have installed two numbers of silos of capacity 100MT each in place of old one. These storage silos are provided with pneumatic conveyers from boiler. They have provided water sprinkling arrangement and fog canon machines (two numbers) and multiple rows of plantations on industry boundary. Pavement of roads near the coal crusher area completed. During inspection not observed stored quantity of ash near sugar mill as noticed earlier. Ash generated from the Distillery section is about 13674.959MT during crushing season (November 2024 to February 2025) and same is being mixed with spent wash and produced granules as potash rich manure.
15. Industry has provided rain water harvesting facility for its rooftop water and recharging its bore wells (3 numbers) with collection pit of capacity about 6000 m³ capacity. However, industry land is sloping on one side towards Hanumantha pond and as such any rain water from industry premises will directly reach the pond, if there are any spillages, the same gets carried away with rains. Industry has taken action to control the spillages locally and shall not allow the spillages/leakages to mix with the rain water. Provided one concrete pit at distillery section to collect spillages and same is being treating in existing ETP. However, water samples from Hanumantha Water Tank was collected on 08/01/2025, 10/02/2025, 06/03/2025 and 08/04/2025 are conforming to the Class "D" to the prescribed standards as per the primary water Quality Criteria-CPCB.
16. Authorities have constructed the storm water pit of capacity 200m³ at distillery section to collect the contaminated rain water and is being treated in existing ETP.
17. Industry has taken expansion of distillery unit of capacity 120KLD adjacent to existing unit of capacity 90KLD and is under operation during inspection.
18. Authorities have constructed the garland drain across the distillery section which connects the entire built up area of the plant. This garland drain collects the rain water that falls in the catchment area and the same is being diverted to the Hanumantha Pond due to natural gradient. However, they have constructed the collection tank and have provided the pipelines to divert the contaminated water to ETP for further treatment and is being utilized for farm lands. Authorities were directed to supervise the water that flows to the Hanumantha pond shall not be contaminated with distillery leakages/spill outs.

19. Authorities have submitted the adjacent farmers request letter addressed to the industry for the release of the ETP treated water to their agriculture land.
20. To avoid the Bagasse fly over/dust from the Bagasse storage yard in to the Hanumantha Pond, the authorities have constructed a MS sheet barricade wall of height 6m surrounding the Yard towards Hanumantha Pond and also installed the fog cannons from Cloud Tech Company in the bagasse yard, near ash silos and boiler ash handling area. Authorities were informed to maintain the ambient air quality in the plant as stipulated in the consent conditions.
21. Installed sewage treatment plant of capacity 40KLD (MBBR Technology) and is under operation.
22. Industry has constructed process condensate treatment plant (PCTP) of capacity 1430KLPD consists of Equalization tank, flash mixture, flocculater, MBBR based aeration tank, clarifier, activated carbon filter, dual media filter and RO system.
23. Industry has provided 3 number of MS tanks for storage of molasses each with capacity 12000MT for distillery. They have provided with dyke wall of height 5feet by covering three tanks. One more tank of capacity 12000MT constructed at sugar mill section.
24. Industry has constructed 2835MT capacity RCC storage tank for raw spent wash and constructed 1495MT capacity RCC storage tank for concentrated spent wash.
25. Industry has taken expansion of CO₂ plant from 24MTD to 72 MTD. 24 TPD CO₂ plant is under operation during inspection.
26. They have provided Online Continuous Effluent Monitoring System to treated trade effluent for ph, BOD, COD, TSS, Flow rate, and Temperature and same is connected to CPCB server.
27. Industry has installed lamella clarifiers, 2 Nos. of Disc type diffused aerators are replaced with tube type diffused aerators.
28. Earlier, during the summer of 2023, the management authorities have ensured for the desilting of the Hanumantha pond and accordingly the industry has taken up the desiltation work during 2024 and Authorities informed that, about 4773.6m³ of soil is removed and is being used to raise the bunds in the East, West and Northern side of the pond. During 2025 from May desiltation of the pond has taken and at present desiltation work is under progress. Authorities have taken up the cleaning activity (removal of weeds and bushes) of the pond upon the regular basis.

Recommendations:

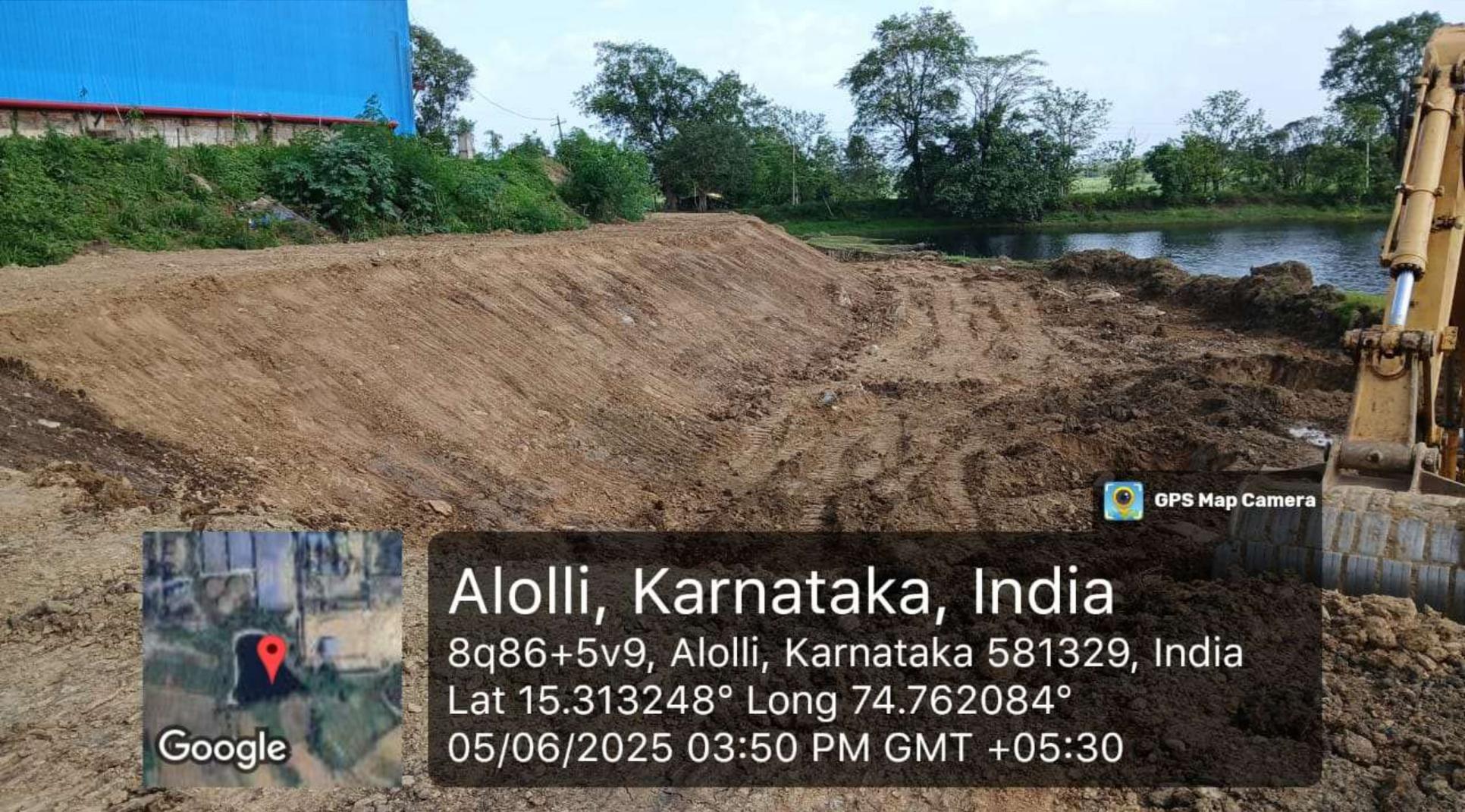
Industry has taken adequate measures as per the consent order and discharging the emissions and effluents within the limits specified in the consent order. However, at most care rain water shall be harvested, after due settling process shall be allowed to Hanumantha pond during rainy season and all kind of spillage in the distillery section shall be treated in ETP and fog cannons shall be effectively utilized to avoid fugitive emissions.


 ENVIRONMENTAL OFFICER
 KSPCB, RO, KARWAR

M/s E.I.D. Parry (India) Ltd.,
Sy. No. 12/1 to 3, 13/1 to 4, 14/1-2,
16/1, etc.,
Hullatti Village, Haliyal Taluk-
581329,
Uttara Kannada District.

Inspected On 11/06/2025

Included upgraded activities till date



 GPS Map Camera



Alolli, Karnataka, India

8q86+5v9, Alolli, Karnataka 581329, India

Lat 15.313248° Long 74.762084°

05/06/2025 03:50 PM GMT +05:30



Bund construction to pond towards industry side



Desiltation work at Hanumantha Pond (Old photo)



Development of Green belt around the Hanumatha Pond (old photos)



View of Hanumantha Pond with aquatic plants growth (old photos)



Sugarcane handling yard



wind breaking GI sheet wall constructed at Bagasse handling area adjacent to Hnaumantha pond



Effluent Treatment Plant area



Process Condensate Treatment Plant (PCTP) of capacity of 1,440 KLD



Anaerobic reactor



CONTINUOUS AMBIENT AIR DATA MONITORING SYSTEM (CAADMS)



Condensate polishing units



Condensate polishing units



Filtration unit at Condensate Polishing Unit



Collection and aeration tank at CPU



sewage treatment plant of capacity 40KLD



New Distillery unit of capacity 120KLPD



Leachate Collection Tank of capacity 450m³



Storm water drain and Collection tank of capacity 450m³ at the back side of warehouse no. 3



Garland drain and Collection pit of capacity 450m³ around the distillery section



Barricade constructed around the Bagasse yard of height 6m



Installation of fog cannons at the Bagasse yard and boiler ash handling area



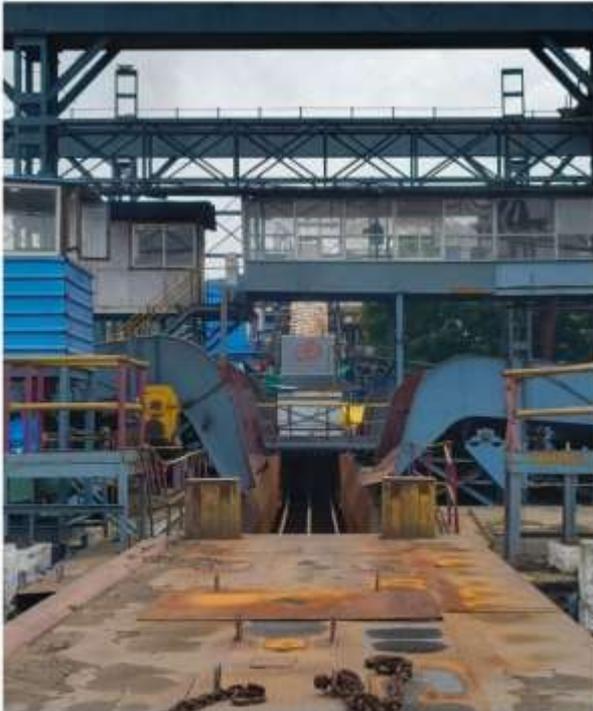
Bagasse handling area provided with conveyer system towards boiler



Dyke walls constructed around the Molasses storage tanks



Closed Shed for handling the Bagasse



Boiler area with ESP and fly ash silos



Concrete platform for unloading sugar cane in crushing section



Boiler area with ESP and fly ash silos



NABL Accredited Laboratory



Farmlands adjacent to the industry



CO₂ Plant

Karnataka State Pollution Control Board
Level 4, 1st floor, 1st stage
Industrial Area, Dharwad - 580004KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ಕರ್ನಾಟಕ ಸ್ವಚ್ಛತೆ ಮತ್ತು
ಪ್ರದೂಷಣ ನಿಯಂತ್ರಣ
ಪಟ್ಟಣ-೪೦೦೦೦೪

ANALYSIS REPORT

Date : 24.6.2024

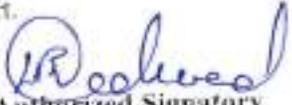
NAME OF THE LAKE :	Hanumanth Water Tank, Haliyal	Page 1 of 1
SAMPLE COLLECTED BY :	Sri B.K. Santosh, EO RO: KARWAR	DATE OF COMMENCEMENT OF TEST : 17.5.2024
DATE OF COLLECTION :	16.5.2024	DATE OF COMPLETION OF TEST : 12.6.2024
DATE OF RECEIPT :	17.5.2024	SAMPLE REPORT NO. : 203
PARTICULARS	Water Sample of Hanumanth Water tank, Haliyal	SAMPLE NO. : 203

Sl. No	Parameters	Unit	Water Quality Criteria					Result	Test Method	
			A	B	C	D	E			
1	pH 150	-	6.5-8.5	6.5-8.5	6.0-9.0	6.5-8.5	6.0-8.5	7.5	IS 3025 (Part 11): 2022	
2	Conductivity	µS/cm	-	-	-	-	2250	2940	IS 3025 (Part 14): 2019	
3	Biochemical Oxygen Demand @ 27° C for 3 days	mg/L	2	3	3	-	-	36	IS 3025 (Part 44): 2019	
4	Oxygen (Dissolved)	mg/L	6	5	4	4	-	3.3	IS 3025 (Part 38): 2019	
5	Total coliforms	MPN/100ml	50	500	5000	-	-	65000	APHA 23rd edition (9223 B): 2017	
6	Sodium Absorption Ratio (SAR)	-	-	-	-	-	26	9.7	IS:11624: 2019	
7	Free Ammonia as N	mg/L	-	-	-	1.2	-	0.14	APHA 23rd edition (4500 NH3-D): 2017	
8	Boron as B 530	mg/L	-	-	-	-	2	1.41	APHA 23rd edition (4500-B B): 2017	
INFERENCE			Class " E " - to prescribed standards with respect to Conductivity, BOD and Total Coliform as per Primary Water Quality Criteria - CPCB.						Designated best use - Irrigation, Industrial Cooling, Controlled Waste Disposal	

Note: 1. The above results pertain only to the sample tested.

2. The report shall not be reproduced without the written approval of the laboratory.

3. Samples will be stored for a period of 10 days from the date of issue of report.



Authorized Signatory

Lalita Dodwad

Assistant Scientific officer

Regional Laboratory-Dharwad

KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date : 1.8.2024

NAME OF THE INDUSTRY :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 1
SAMPLE COLLECTED BY :	Sri B.K. Santosh, EO RO: KARWAR	DATE OF COMMENCEMENT OF TEST : 12.6.2024
DATE OF COLLECTION :	12.6.2024	DATE OF COMPLETION OF TEST :10.7.2024
DATE OF RECEIPT :	12.6.2024	SAMPLE REPORT NO: 280
PARTICULARS	Treated Trade effluent collected from common collection point both from Sugar ETP and Distillery condensate ETP	SAMPLE NO : 280, 280-A

Sl No	Parameters	Unit	Standard	Results		Test Method
				280	280-A	
✓ 1	Biochemical Oxygen Demand @ 27°C for 3 days	mg/L	100	54	.....	IS 3025 (Part 44): 2023
✓ 2	Oil and Grease	mg/L	10	.....	BDL	APHA 23 rd edition (5520B); 2017
✓ 3	pH	-	5.5-8.5	7.3	.....	IS 3025 (Part 11): 2022
✓ 4	Total Dissolved Solids	mg/L	2100	920	.....	IS 3025 (Part 16): 2023
✓ 5	Total Suspended Solids	mg/L	100	40	.....	IS 3025 (Part 17): 2022
INFERENCE		Conforms to prescribed standards.				

- Note: 1. The above results pertain only to the sample tested.
2. The report shall not be reproduced without the written approval of the laboratory.
3. Samples will be stored for a period of 15 days from the date of issue of report.
4. BDL: Below Detection Level in mg/L.
Oil and Grease: 1 mg/L.


Authorized Signatory
Lalita Dodwad
Assistant Scientific officer
Regional Laboratory-Dharwad


**KARNATAKA STATE POLLUTION CONTROL BOARD
 REGIONAL LABORATORY**

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

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ANALYSIS REPORT

Date: 1.8.2024

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Sri B.K. Santosh, EO RO: KARWAR	DATE OF COMMENCEMENT OF TEST : 12.6.2024
DATE OF COLLECTION :	12.6.2024	DATE OF COMPLETION OF TEST : 10.7.2024
DATE OF RECEIPT :	12.6.2024	SAMPLE REPORT NO. : 281
PARTICULARS	Bore well-1 sample within the premises near sugar ETP.	SAMPLE NO. : 281,281-A

Sl. No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	281	281-A	
✓ 1	pH	-	6.5 to 8.5	6.5 to 8.5	7.9	....	IS 3025 (Part 11); 2022
✓ 2	Turbidity	NTU	1	5	3	....	IS 3025 (Part 10); 2023
✓ 3	Total Dissolved Solids	mg/L	500	2000	60	....	IS 3025 (Part 16); 2023
✓ 4	Sulphate as SO ₄	mg/L	200	400	4.5	....	IS 3025 (Part 24); 2022
✓ 5	Chloride as Cl	mg/L	250	1000	10	....	IS 3025 (Part 32); 2019
✓ 6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	....	IS 3025 (Part 43); 2022
✓ 7	Nitrate as NO ₃	mg/L	45	45	0.95	....	APHA 23rd Edition (4500 NO ₃ -D)
✓ 8	Total Hardness as CaCO ₃	mg/L	200	600	40	....	IS 3025 (Part 21); 2019
✓ 9	Calcium as Ca	mg/L	75	200	10.4	....	IS 3025 (Part 40); 2019
✓ 10	Magnesium as Mg	mg/L	30	100	3.4	....	IS 3025 (Part 46); 2023
✓ 11	Total Alkalinity as CaCO ₃	mg/L	200	600	36	....	IS 3025 (Part 23); 2023
✓ 12	Fluoride as F	mg/L	1	1.5	0.2	....	IS 3025 (Part 60); 2019
✓ 13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	....	IS 3025 (Part 34); 2019
✓ 14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	APHA 23rd edition (4500 S ₂ -F)
✓ 15	Boron as B	mg/L	0.5	2.4	BDL	APHA 23rd edition (4500-B B)

P.T.O

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✓ 16	Copper as Cu	mg/L	0.05	1.5	BDL	APHA 23rd edition (3120B)
✓ 17	Zinc as Zn	mg/L	0.05	1.5	BDL	APHA 23rd edition (3120B)
✓ 18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
✓ 19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
✓ 20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
✓ 21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
✓ 22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
✓ 23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
✓ 24	Aluminum as Al	mg/L	0.03	0.2	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)				

Note: 1. The above results pertain only to the sample tested.

2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)

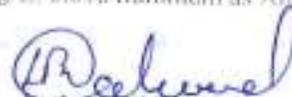
3. The report shall not be reproduced without the written approval of the laboratory.

4. Samples will be stored for a period of 15 days from the date of dispatch of report

5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L: 0.1, H2S mg/L: 2, B mg/L: 0.1, Cu mg/L: 0.01, Zn mg/L: 0.01, Ni mg/L: 0.01,

Fe mg/L: 0.01, Mn mg/L: 0.01, Cd mg/L: 0.01, Cr mg/L: 0.01, Pb mg/L: 0.01, Aluminum as Al mg/L: 0.01


Authorized Signatory

Lalita.Dodwad

Assistant Scientific officer
Regional Laboratory-Dharwad



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ANALYSIS REPORT

Date: 1.8.2024

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Sri B.K. Santosh, EO RO: KARWAR	DATE OF COMMENCEMENT OF TEST : 12.6.2024
DATE OF COLLECTION :	12.6.2024	DATE OF COMPLETION OF TEST : 10.7.2024
DATE OF RECEIPT :	12.6.2024	SAMPLE REPORT NO. : 282
PARTICULARS	Bore well-3 sample at the back side of Administrative office	SAMPLE NO. : 282, 282-A

SL No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	282	282-A	
✓ 1	pH	-	6.5 to 8.5	6.5 to 8.5	7.7	.....	IS 3025 (Part 11): 2022
2	Turbidity	NTU	1	5	2	.....	IS 3025 (Part 10): 2023
3	Total Dissolved Solids	mg/L	500	2000	60	.....	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	mg/L	200	400	4.1	.....	IS 3025 (Part 24): 2022
5	Chloride as Cl	mg/L	250	1000	10	.....	IS 3025 (Part 32): 2019
6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
7	Nitrate as NO ₃	mg/L	45	45	0.83	.....	APHA 23rd Edition (4500 NO3-D)
8	Total Hardness as CaCO ₃	mg/L	200	600	36	.....	IS 3025 (Part 21): 2019
9	Calcium as Ca	mg/L	75	200	9.4	.....	IS 3025 (Part 40): 2019
10	Magnesium as Mg	mg/L	30	100	3.1	.....	IS 3025 (Part 46): 2023
11	Total Alkalinity as CaCO ₃	mg/L	200	600	32	.....	IS 3025 (Part 23): 2023
12	Fluoride as F	mg/L	1	1.5	0.2	.....	IS 3025 (Part 60): 2019
13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025(Part 34): 2019
14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	.....	APHA 23rd edition (4500 S2- F)
15	Boron as B	mg/L	0.5	2.4	BDL	.....	APHA 23rd edition (4500-B B)

16	Copper as Cu	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
17	Zinc as Zn	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
24	Aluminum as Al	mg/L	0.03	0.2	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)					

Note: 1. The above results pertain only to the sample tested.

2. AL: Acceptable Limits. PL: Permissible Limits (in the absence of alternate source)

3. The report shall not be reproduced without the written approval of the laboratory.

4. Samples will be stored for a period of 15 days from the date of dispatch of report

5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L:0.1, H2S mg/L: 2, B mg/L:0.1, Cu mg/L: 0.01, Zn mg/L: 0.01, Ni mg/L: 0.01,

Fe mg/L: 0.01, Mn mg/L: 0.01, Cd mg/L:0.01, Cr mg/L: 0.01, Pb mg/L: 0.01, Aluminum as Almg/L: 0.01


Authorized Signatory

Lalita.Dodwad

Assistant Scientific officer
Regional Laboratory-Dharwad


 Karnataka State Pollution Control Board
 Room 4, Lakshminagar
 Jagannath, Area Dharwad - 580 004

**KARNATAKA STATE POLLUTION CONTROL BOARD
 REGIONAL LABORATORY**

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

 Address: Room No. 4,
 Lakshminagar, Jagannath,
 Dharwad - 580 004

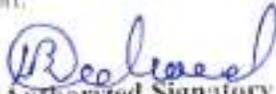
ANALYSIS REPORT

Date : 1.8.2024

NAME OF THE LAKE :	Hanumanth Water Tank, Haliyal	Page 1 of 1
SAMPLE COLLECTED BY :	Sri B.K. Santosh, EO RO: KARWAR	DATE OF COMMENCEMENT OF TEST : 12.6.2024
DATE OF COLLECTION :	12.6.2024	DATE OF COMPLETION OF TEST : 10.7.2024
DATE OF RECEIPT :	12.6.2024	SAMPLE REPORT NO. : 278
PARTICULARS	Water Sample of Hanumanth Water tank, Haliyal	SAMPLE NO. : 278

Sl. No	Parameters	Unit	Water Quality Criteria					Result	Test Method
			A	B	C	D	E		
1	pH	-	6.5-8.5	6.5-8.5	6.0-9.0	6.5-8.5	6.0-8.5	7.7	IS 3025 (Part 11): 2022
2	Conductivity	µS/cm	-	-	-	-	2250	1438	IS 3025 (Part 14): 2019
3	Biochemical Oxygen Demand @ 27° C for 3 days	mg/L	2	3	3	-	-	22	IS 3025 (Part 44): 2019
4	Oxygen (Dissolved)	mg/L	6	5	4	4	-	5.6	IS 3025 (Part 38): 2019
5	Total coliforms	MPN/100mL	50	500	5000	-	-	9400	APHA 23rd edition (9223 B): 2017
6	Sodium Absorption Ratio (SAR)	-	-	-	-	-	26	0.4	IS:11624: 2019
7	Free Ammonia as N	mg/L	-	-	-	1.2	-	0.11	APHA 23rd edition (4500 NH3-D): 2017
8	Boron as B	mg/L	-	-	-	-	2	0.95	APHA 23rd edition (4500-B B): 2017
INFERENCE			Class " D " - to prescribed standards with respect to BOD and Total Coliform as per Primary Water Quality Criteria - CPCB.						
			Designated best use - Propagation of Wild life and Fisheries						

- Note:** 1. The above results pertain only to the sample tested.
 2. The report shall not be reproduced without the written approval of the laboratory.
 3. Samples will be stored for a period of 10 days from the date of issue of report.


 Authorized Signatory
 Lalita Dodwad
 Assistant Scientific officer
 Regional Laboratory-Dharwad



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 Karnataka State Pollution Control
 Board 4, Lalitnagar Belli
 Industrial Area Dharwad -580 004

**KARNATAKA STATE POLLUTION CONTROL BOARD
 REGIONAL LABORATORY**

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ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date : 26.8.2024

NAME OF THE INDUSTRY :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 1
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 5.7.2024
DATE OF COLLECTION :	5.7.2024	DATE OF COMPLETION OF TEST : 1.8.2024
DATE OF RECEIPT :	5.7.2024	SAMPLE REPORT NO: 376
DETAILS PARTICULARS	Treated Trade effluent collected from Outlet of ETP	SAMPLE NO : 376, 376-A

Sl No	Parameters	Unit	Standard	Results		Test Method
				376	376-A	
1	Biochemical Oxygen Demand @ 27°C for 3 days	mg/L	100	47	.....	IS 3025 (Part 44): 2023
2	Oil and Grease	mg/L	10	.....	BDL	APHA 23 rd edition (5520B): 2017
3	pH	-	5.5-8.5	7.7	.....	IS 3025 (Part 11): 2022
4	Total Dissolved Solids	mg/L	2100	1020	.....	IS 3025 (Part 16): 2023
5	Total Suspended Solids	mg/L	100	60	.....	IS 3025 (Part 17): 2022
INFERENCE		Conforms to prescribed standards.				

- Note: 1. The above results pertain only to the sample tested. -
 2. The report shall not be reproduced without the written approval of the laboratory.
 3. Samples will be stored for a period of 15 days from the date of issue of report.
 4. BDL: Below Detection Level in mg/L.
 Oil and Grease: 1 mg/L.

Authorized Signatory

Lalita Dodwad

Assistant Scientific officer

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Karnataka State Pollution Control
Board, 5, Lakshminakshi
Industrial Area, Davanagere - 580 004KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ಕರ್ನಾಟಕ ಸ್ವಚ್ಛತೆ ಮತ್ತು
ಪರಿಸರ ಸಂರಕ್ಷಣೆ ಇಲಾಖೆ
ಬೆಂಗಳೂರು-560 004

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ANALYSIS REPORT

Date: 26.8.2024

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 5.7.2024
DATE OF COLLECTION :	5.7.2024	DATE OF COMPLETION OF TEST : 1.8.2024
DATE OF RECEIPT :	5.7.2024	SAMPLE REPORT NO. : 377
PARTICULARS	Bore well-1 sample within the premises near sugar ETP.	SAMPLE NO. : 377, 377-A

Sl. No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	377	377-A	
1	pH	-	6.5 to 8.5	6.5 to 8.5	8.2	.....	IS 3025 (Part 11): 2022
2	Turbidity	NTU	1	5	2	.....	IS 3025 (Part 10): 2023
3	Total Dissolved Solids	mg/L	500	2000	90	.....	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	mg/L	200	400	5.2	.....	IS 3025 (Part 24): 2022
5	Chloride as Cl	mg/L	250	1000	20	.....	IS 3025 (Part 32): 2019
6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
7	Nitrate as NO ₃	mg/L	45	45	1.2	.....	APHA 23rd Edition (4500 NO3-D)
8	Total Hardness as CaCO ₃	mg/L	200	600	52	.....	IS 3025 (Part 21): 2019
9	Calcium as Ca	mg/L	75	200	13.6	.....	IS 3025 (Part 40): 2019
10	Magnesium as Mg	mg/L	30	100	4.4	.....	IS 3025 (Part 46): 2023
11	Total Alkalinity as CaCO ₃	mg/L	200	600	48	.....	IS 3025 (Part 23): 2023
12	Fluoride as F	mg/L	1	1.5	0.4	.....	IS 3025 (Part 60): 2019
13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025(Part 34): 2019
14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	.....	APHA 23rd edition (4500 S2- F)
15	Boron as B	mg/L	0.5	2.4	BDL	.....	APHA 23rd edition (4500-B B)

P.T.O

2	16	Copper as Cu	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
2	17	Zinc as Zn	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
2	18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
2	19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
2	20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
2	21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
2	22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
2	23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
2	24	Aluminum as Al	mg/L	0.03	0.2	.....	BDL	APHA 23rd edition (3120B)
INFERENCE				Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)					

Note: 1. The above results pertain only to the sample tested.

2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)

3. The report shall not be reproduced without the written approval of the laboratory.

4. Samples will be stored for a period of 15 days from the date of dispatch of report

5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L:0.1, H2S mg/L: 2, B mg/L:0.1, Cu mg/L: 0.01, Zn mg/L: 0.01, Ni mg/L: 0.01,

Fe mg/L: 0.01, Mn mg/L: 0.01, Cd mg/L:0.01, Cr mg/L: 0.01, Pb mg/L: 0.01, Aluminum as Almg/L: 0.01


Authorized Signatory

Lalita.Dodwad

Assistant Scientific officer

Regional Laboratory-Dharwad

KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

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ANALYSIS REPORT

Date: 26.8.2024

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 5.7.2024
DATE OF COLLECTION :	5.7.2024	DATE OF COMPLETION OF TEST : 1.8.2024
DATE OF RECEIPT :	5.7.2024	SAMPLE REPORT NO. : 378
PARTICULARS	Bore well-3 sample at the back side of Administrative office	SAMPLE NO. : 378, 378-A

Sl. No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	378	378-A	
1	pH	-	6.5 to 8.5	6.5 to 8.5	7.9	.....	IS 3025 (Part 11): 2022
2	Turbidity	NTU	1	5	2	.....	IS 3025 (Part 10): 2023
3	Total Dissolved Solids	mg/L	500	2000	80	.....	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	mg/L	200	400	5.5	.....	IS 3025 (Part 24): 2022
5	Chloride as Cl	mg/L	250	1000	24	.....	IS 3025 (Part 32): 2019
6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
7	Nitrate as NO ₃	mg/L	45	45	1.4	.....	APHA 23rd Edition (4500 NO3-D)
8	Total Hardness as CaCO ₃	mg/L	200	600	48	.....	IS 3025 (Part 21): 2019
9	Calcium as Ca	mg/L	75	200	12.5	.....	IS 3025 (Part 40): 2019
10	Magnesium as Mg	mg/L	30	100	4.1	.....	IS 3025 (Part 46): 2023
11	Total Alkalinity as CaCO ₃	mg/L	200	600	36	.....	IS 3025 (Part 23): 2023
12	Fluoride as F	mg/L	1	1.5	0.3	.....	IS 3025 (Part 60) : 2019
13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025(Part 34): 2019
14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	APHA 23rd edition (4500 S2- F)
15	Boron as B	mg/L	0.5	2.4	BDL	APHA 23rd edition (4500-B B)

P.T.O

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16	Copper as Cu	mg/L	0.05	1.5	BDL	APHA 23rd edition (3120B)
17	Zinc as Zn	mg/L	0.05	1.5	BDL	APHA 23rd edition (3120B)
18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
24	Aluminum as Al	mg/L	0.03	0.2	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)				

Note: 1. The above results pertain only to the sample tested.

2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)

3. The report shall not be reproduced without the written approval of the laboratory.

4. Samples will be stored for a period of 15 days from the date of dispatch of report

5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L: 0.1, H₂S mg/L: 2, B mg/L: 0.1, Cu mg/L: 0.01, Zn mg/L: 0.01, Ni mg/L: 0.01,

Fe mg/L: 0.01, Mn mg/L: 0.01, Cd mg/L: 0.01, Cr mg/L: 0.01, Pb mg/L: 0.01, Aluminum as Al mg/L: 0.01


Authorized Signatory

Lalita Dodwad

Assistant Scientific officer
Regional Laboratory-Dharwad

Karnataka State Pollution Control
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Industrial Area Dharwad -580004KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORYಮಹಾನ್ ಗುಣಮಟ್ಟ ಮತ್ತು
ಅಧಿಕಾರವುಳ್ಳ ಟ್ರಸ್ಟಿ ಆಫೀಸ್
ಬೆಂಗಳೂರು-560 004

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date : 26.8.2024

NAME OF THE LAKE :	Hanumanth Water Tank, Haliyal	Page 1 of 1
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 5.7.2024
DATE OF COLLECTION :	5.7.2024	DATE OF COMPLETION OF TEST : 1.8.2024
DATE OF RECEIPT :	5.7.2024	SAMPLE REPORT NO. : 374
PARTICULARS	Water Sample of Hanumanth Water tank, Haliyal	SAMPLE NO. : 374

Sl. No.	Parameters	Unit	Water Quality Criteria					Result	Test Method
			A	B	C	D	E		
1	pH	-	6.5-8.5	6.5-8.5	6.0-9.0	6.5-8.5	6.0-8.5	7.4	IS 3025 (Part 11): 2022
2	Conductivity	µS/cm	-	-	-	-	2250	790	IS 3025 (Part 14): 2019
3	Biochemical Oxygen Demand @ 27° C for 3 days	mg/L	2	3	3	-	-	31	IS 3025 (Part 44): 2019
4	Oxygen (Dissolved)	mg/L	6	5	4	4	-	6.1	IS 3025 (Part 38): 2019
5	Total coliforms	MPN/100mL	50	500	5000	-	-	13000	APHA 23rd edition (9223 B): 2017
6	Sodium Absorption Ratio (SAR)	-	-	-	-	-	26	3.5	IS:11624: 2019
7	Free Ammonia as N	mg/L	-	-	-	1.2	-	0.14	APHA 23rd edition (4500 NH3-D): 2017
8	Boron as B	mg/L	-	-	-	-	2	1.30	APHA 23rd edition (4500-B B) : 2017
INFERENCE		Class " D "- to prescribed standards with respect to BOD and Total Coliform as per Primary Water Quality Criteria – CPCB.							
		Designated best use - Propagation of Wild life and Fisheries							

- Note: 1. The above results pertain only to the sample tested.
2. The report shall not be reproduced without the written approval of the laboratory.
3. Samples will be stored for a period of 10 days from the date of issue of report.


 Authorized Signatory
 Lalita Dodwad
 Assistant Scientific officer
 Regional Laboratory-Dharwad

Karnataka State Pollution Control
Board-2, Lakkamashalli
Industrial Area Dharwad -580 004**KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY**ಇರವಿಡ್ ಗಠಾರವ್ ಉದ್
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ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date : 25.9.2024

NAME OF THE INDUSTRY :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 1
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 7.8.2024
DATE OF COLLECTION :	7.8.2024	DATE OF COMPLETION OF TEST :2.9.2024
DATE OF RECEIPT :	7.8.2024	SAMPLE REPORT NO: 469
ARTICULARS	Treated Trade effluent collected from Outlet of ETP	SAMPLE NO : 469, 469-A

Sl No	Parameters	Unit	Standard	Results		Test Method
				469	469-A	
✓ 1	Biochemical Oxygen Demand @ 27°C for 3 days	mg/L	100	66	.....	IS 3025 (Part 44): 2023
✓ 2	Oil and Grease	mg/L	10	.....	BDL	APHA 23 rd edition (5520B): 2017
✓ 3	pH	-	5.5-8.5	7.5	.....	IS 3025 (Part 11): 2022
✓ 4	Total Dissolved Solids	mg/L	2100	990	.....	IS 3025 (Part 16): 2023
✓ 5	Total Suspended Solids	mg/L	100	80	.....	IS 3025 (Part 17): 2022
INFERENCE		Conforms to prescribed standards.				

- Note: 1. The above results pertain only to the sample tested.
2. The report shall not be reproduced without the written approval of the laboratory.
3. Samples will be stored for a period of 15 days from the date of issue of report.
4. BDL: Below Detection Level in mg/L.
Oil and Grease: 1 mg/L.

Authorized Signatory

Lalita Dodwad
Assistant Scientific officer
Regional Laboratory-Dharwad

**KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY**

459

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date: 25.9.2024

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 7.8.2024
DATE OF COLLECTION :	7.8.2024	DATE OF COMPLETION OF TEST : 2.9.2024
DATE OF RECEIPT :	7.8.2024	SAMPLE REPORT NO. : 470
PARTICULARS	Bore well-1 sample within the premises near sugar ETP.	SAMPLE NO. : 470, 470-A

Sl. No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	470	470-A	
✓ 1	pH	-	6.5 to 8.5	6.5 to 8.5	7.7	.....	IS 3025 (Part 11): 2022
✓ 2	Turbidity	NTU	1	5	2	.....	IS 3025 (Part 10): 2023
✓ 3	Total Dissolved Solids	mg/L	500	2000	110	.....	IS 3025 (Part 16): 2023
✓ 4	Sulphate as SO ₄	mg/L	200	400	9.3	.....	IS 3025 (Part 24): 2022
✓ 5	Chloride as Cl	mg/L	250	1000	24	.....	IS 3025 (Part 32): 2019
✓ 6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
✓ 7	Nitrate as NO ₃	mg/L	45	45	1.3	.....	APHA 23rd Edition (4500 NO3-D)
✓ 8	Total Hardness as CaCO ₃	mg/L	200	600	80	.....	IS 3025 (Part 21): 2019
✓ 9	Calcium as Ca	mg/L	75	200	20.8	.....	IS 3025 (Part 40): 2019
✓ 10	Magnesium as Mg	mg/L	30	100	6.8	.....	IS 3025 (Part 46): 2023
✓ 11	Total Alkalinity as CaCO ₃	mg/L	200	600	54	.....	IS 3025 (Part 23): 2023
✓ 12	Fluoride as F	mg/L	1	1.5	0.3	.....	IS 3025 (Part 60) ; 2019
✓ 13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025 (Part 34): 2019
✓ 14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	.....	APHA 23rd edition (4500 S2- F)
✓ 15	Boron as B	mg/L	0.5	2.4	BDL	.....	APHA 23rd edition (4500-B B)

P.T.O

1158

✓16	Copper as Cu	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
✓17	Zinc as Zn	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
✓18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
✓19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
✓20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
✓21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
✓22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
✓23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
✓24	Aluminum as Al	mg/L	0.03	0.2	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)				

Note: 1. The above results pertain only to the sample tested.

2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)

3. The report shall not be reproduced without the written approval of the laboratory.

4. Samples will be stored for a period of 15 days from the date of dispatch of report

5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L:0.1, H2S mg/L: 2, B mg/L:0.1, Cu mg/L: 0.01, Zn mg/L: 0.01, Ni mg/L: 0.01,

Fe mg/L: 0.01, Mn mg/L: 0.01, Cd mg/L:0.01, Cr mg/L: 0.01, Pb mg/L: 0.01, Aluminum as Almg/L: 0.01


Authorized Signatory

Lalita.Dodwad

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Regional Laboratory-Dharwad

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REGIONAL LABORATORYಇದೀ ಕಛೂರು ಕೂಡ
ಕರ್ನಾಟಕ ಕೂಡೂ ಕೂಡೂ
ಕೂಡೂ-560 004

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date: 25.9.2024

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 7.8.2024
DATE OF COLLECTION :	7.8.2024	DATE OF COMPLETION OF TEST : 2.9.2024
DATE OF RECEIPT :	7.8.2024	SAMPLE REPORT NO. : 471
PARTICULARS	Bore well-3 sample at the back side of Administrative office	SAMPLE NO. : 471, 471-A

Sl. No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	471	471-A	
✓ 1	pH	-	6.5 to 8.5	6.5 to 8.5	7.3	.....	IS 3025 (Part 11): 2022
✓ 2	Turbidity	NTU	1	5	2	.....	IS 3025 (Part 10): 2023
✓ 3	Total Dissolved Solids	mg/L	500	2000	90	.....	IS 3025 (Part 16): 2023
✓ 4	Sulphate as SO ₄	mg/L	200	400	7.8	.....	IS 3025 (Part 24): 2022
✓ 5	Chloride as Cl	mg/L	250	1000	24	.....	IS 3025 (Part 32): 2019
✓ 6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
✓ 7	Nitrate as NO ₃	mg/L	45	45	1.1	.....	APHA 23rd Edition (4500 NO3-D)
✓ 8	Total Hardness as CaCO ₃	mg/L	200	600	72	.....	IS 3025 (Part 21): 2019
✓ 9	Calcium as Ca	mg/L	75	200	18.8	.....	IS 3025 (Part 40): 2019
✓ 10	Magnesium as Mg	mg/L	30	100	6.1	.....	IS 3025 (Part 46): 2023
✓ 11	Total Alkalinity as CaCO ₃	mg/L	200	600	46	.....	IS 3025 (Part 23): 2023
✓ 12	Fluoride as F	mg/L	1	1.5	0.2	.....	IS 3025 (Part 60) : 2019
✓ 13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025(Part 34): 2019
✓ 14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	.....	APHA 23rd edition (4500 S2- F)
✓ 15	Boron as B	mg/L	0.5	2.4	BDL	.....	APHA 23rd edition (4500-B B)

P.T.O

456

✓16	Copper as Cu	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
✓17	Zinc as Zn	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
✓18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
✓19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
✓20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
✓21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
✓22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
✓23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
✓24	Aluminum as Al	mg/L	0.03	0.2	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)				

Note: 1. The above results pertain only to the sample tested.

2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)

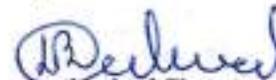
3. The report shall not be reproduced without the written approval of the laboratory.

4. Samples will be stored for a period of 15 days from the date of dispatch of report

5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L:0.1, H2S mg/L: 2, B mg/L:0.1, Cu mg/L: 0.01, Zn mg/L: 0.01, Ni mg/L: 0.01,

Fe mg/L: 0.01, Mn mg/L: 0.01, Cd mg/L:0.01, Cr mg/L: 0.01, Pb mg/L: 0.01, Aluminum as Almg/L: 0.01


Authorized Signatory

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ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date : 25.9.2024

NAME OF THE LAKE :	Hanumanth Water Tank, Haliyal	Page 1 of 1
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 7.8.2024
DATE OF COLLECTION :	7.8.2024	DATE OF COMPLETION OF TEST : 2.9.2024
DATE OF RECEIPT :	7.8.2024	SAMPLE REPORT NO. : 467
PARTICULARS	Water Sample of Hanumanth Water tank, Haliyal	SAMPLE NO. : 467

Sl. No	Parameters	Unit	Water Quality Criteria					Result	Test Method
			A	B	C	D	E		
1	pH	-	6.5-8.5	6.5-8.5	6.0-9.0	6.5-8.5	6.0-8.5	7.6	IS 3025 (Part 11): 2022
2	Conductivity	µS/cm	-	-	-	-	2250	974	IS 3025 (Part 14): 2019
3	Biochemical Oxygen Demand @ 27° C for 3 days	mg/L	2	3	3	-	-	24	IS 3025 (Part 44): 2019
4	Oxygen (Dissolved)	mg/L	6	5	4	4	-	6.3	IS 3025 (Part 38): 2019
5	Total coliforms	MPN/100mL	50	500	5000	-	-	9400	APHA 23rd edition (9223 B): 2017
6	Sodium Absorption Ratio (SAR)	-	-	-	-	-	26	2.9	IS:11624: 2019
7	Free Ammonia as N	mg/L	-	-	-	1.2	-	0.11	APHA 23rd edition (4500 NH3-D): 2017
8	Boron as B	mg/L	-	-	-	-	2	1.10	APHA 23rd edition (4500-B B): 2017
INFERENCE		Class " D " - to prescribed standards with respect to BOD and Total Coliform as per Primary Water Quality Criteria - CPCB.							
		Designated best use - Propagation of Wild life and Fisheries							

Note: 1. The above results pertain only to the sample tested.

2. The report shall not be reproduced without the written approval of the laboratory.

3. Samples will be stored for a period of 10 days from the date of issue of report.

Authorized Signatory

Lalita Dodwad

Assistant Scientific officer
Regional Laboratory-Dharwad

Karnataka State Pollution Control
Board-4, Lalleshwari
Industrial Area Dharwad -580 004**KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY**ಇದರ ಕಾರ್ಯಾಲಯ
4-ಅಲೇಶ್ವರಿ, ಡಿ.ಐ.ಡಿ. ಅರಣ್ಯ
ಇಂಡಸ್ಟ್ರಿಯಲ್ ಏರಿಯಾ

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date : 22.10.2024

NAME OF THE INDUSTRY :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 1
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 5.9.2024
DATE OF COLLECTION :	5.9.2024	DATE OF COMPLETION OF TEST : 3.10.2024
DATE OF RECEIPT :	5.9.2024	SAMPLE REPORT NO: 607
PARTICULARS	Treated Trade effluent collected from Outlet of ETP	SAMPLE NO : 607, 607-A

Sl No	Parameters	Unit	Standard	Results		Test Method
				607	607-A	
1	Biochemical Oxygen Demand @ 27°C for 3 days	mg/L	100	43	.....	IS 3025 (Part 44): 2023
2	Oil and Grease	mg/L	10	.....	BDL	APHA 23 rd edition (5520B): 2017
3	pH	-	5.5-8.5	7.3	.....	IS 3025 (Part 11): 2022
4	Total Dissolved Solids	mg/L	2100	730	.....	IS 3025 (Part 16): 2023
5	Total Suspended Solids	mg/L	100	60	.....	IS 3025 (Part 17): 2022
INFERENCE		Conforms to prescribed standards.				

- Note: 1. The above results pertain only to the sample tested.
2. The report shall not be reproduced without the written approval of the laboratory.
3. Samples will be stored for a period of 15 days from the date of issue of report.
4. BDL: Below Detection Level in mg/L.
Oil and Grease: 1 mg/L.

Reelwada
Authorized Signatory
Lalita Dodwad
Assistant Scientific officer
Regional Laboratory-Dharwad

KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY

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ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date: 22.10.2024

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Huliatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 5.9.2024
DATE OF COLLECTION :	5.9.2024	DATE OF COMPLETION OF TEST : 3.10.2024
DATE OF RECEIPT :	5.9.2024	SAMPLE REPORT NO. : 608
PARTICULARS	Bore well-1 sample within the premises near sugar ETP.	SAMPLE NO. : 608, 608-A

Sl. No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	608	608-A	
1	pH	-	6.5 to 8.5	6.5 to 8.5	7.4	.....	IS 3025 (Part 11): 2022
2	Turbidity	NTU	1	5	2	.....	IS 3025 (Part 10): 2023
3	Total Dissolved Solids	mg/L	500	2000	80	.....	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	mg/L	200	400	7.5	.....	IS 3025 (Part 24): 2022
5	Chloride as Cl	mg/L	250	1000	16	.....	IS 3025 (Part 32): 2019
6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
7	Nitrate as NO ₃	mg/L	45	45	1.1	.....	APHA 23rd Edition (4500 NO ₃ -D)
8	Total Hardness as CaCO ₃	mg/L	200	600	52	.....	IS 3025 (Part 21): 2019
9	Calcium as Ca	mg/L	75	200	13.5	.....	IS 3025 (Part 40): 2019
10	Magnesium as Mg	mg/L	30	100	4.4	.....	IS 3025 (Part 46): 2023
11	Total Alkalinity as CaCO ₃	mg/L	200	600	44	.....	IS 3025 (Part 23): 2023
12	Fluoride as F	mg/L	1	1.5	0.2	.....	IS 3025 (Part 60): 2019
13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025 (Part 34): 2019
14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	APHA 23rd edition (4500 S ₂ -F)
15	Boron as B	mg/L	0.5	2.4	BDL	APHA 23rd edition (4500-B B)

P.T.O

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16	Copper as Cu	mg/L	0.05	1.5	BDL	APHA 23rd edition (3120B)
17	Zinc as Zn	mg/L	0.05	1.5	BDL	APHA 23rd edition (3120B)
18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
24	Aluminum as Al	mg/L	0.03	0.2	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)				

- Note:** 1. The above results pertain only to the sample tested.
 2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)
 3. The report shall not be reproduced without the written approval of the laboratory.
 4. Samples will be stored for a period of 15 days from the date of dispatch of report
 5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L: 0.1, H2S mg/L: 2, B mg/L: 0.1, Cu mg/L: 0.01, Zn mg/L: 0.01, Ni mg/L: 0.01, Fe mg/L: 0.01, Mn mg/L: 0.01, Cd mg/L: 0.01, Cr mg/L: 0.01, Pb mg/L: 0.01, Aluminum as Al mg/L: 0.01


 Authorized Signatory

Lalita Dodwad

Assistant Scientific officer
 Regional Laboratory-Dharwad

Karnataka State Pollution Control
Board, 4, Lakshmanahalli,
Industrial Area, Dharwad - 580 904**KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY**ಸ್ಥಳೀಯ ಕಛೇರಿ ಮತ್ತು
ಕಾರ್ಪೊರೇಟ್ ಕಛೇರಿ, ಸ್ಥಳೀಯ
ಪ್ರಾಂಶು-580 904

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date: 22.10.2024

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 5.9.2024
DATE OF COLLECTION :	5.9.2024	DATE OF COMPLETION OF TEST : 3.10.2024
DATE OF RECEIPT :	5.9.2024	SAMPLE REPORT NO. : 609
PARTICULARS	Bore well-3 sample at the back side of Administrative office	SAMPLE NO. : 609, 609-A

Sl. No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	609	609-A	
1	pH	-	6.5 to 8.5	6.5 to 8.5	7.6	.....	IS 3025 (Part 11): 2022
2	Turbidity	NTU	1	5	3	.....	IS 3025 (Part 10): 2023
3	Total Dissolved Solids	mg/L	500	2000	90	.....	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	mg/L	200	400	9.6	.....	IS 3025 (Part 24): 2022
5	Chloride as Cl	mg/L	250	1000	20	.....	IS 3025 (Part 32): 2019
6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
7	Nitrate as NO ₃	mg/L	45	45	1.4	.....	APHA 23rd Edition (4500 NO3-D)
8	Total Hardness as CaCO ₃	mg/L	200	600	56	.....	IS 3025 (Part 21): 2019
9	Calcium as Ca	mg/L	75	200	14.6	.....	IS 3025 (Part 40): 2019
10	Magnesium as Mg	mg/L	30	100	4.7	.....	IS 3025 (Part 46): 2023
11	Total Alkalinity as CaCO ₃	mg/L	200	600	48	.....	IS 3025 (Part 23): 2023
12	Fluoride as F	mg/L	1	1.5	0.2	.....	IS 3025 (Part 60): 2019
13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025 (Part 34): 2019
14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	APHA 23rd edition (4500 S2- F)
15	Boron as B	mg/L	0.5	2.4	BDL	APHA 23rd edition (4500-B B)

P.T.O

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16	Copper as Cu	mg/L	0.05	1.5	BDL	APHA 23rd edition (3120B)
17	Zinc as Zn	mg/L	0.05	1.5	BDL	APHA 23rd edition (3120B)
18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
24	Aluminum as Al	mg/L	0.03	0.2	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)				

Note: 1. The above results pertain only to the sample tested.

2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)

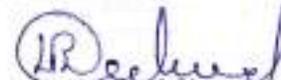
3. The report shall not be reproduced without the written approval of the laboratory.

4. Samples will be stored for a period of 15 days from the date of dispatch of report

5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L: 0.1, H₂S mg/L: 2, B mg/L: 0.1, Cu mg/L: 0.01, Zn mg/L: 0.01, Ni mg/L: 0.01,

Fe mg/L: 0.01, Mn mg/L: 0.01, Cd mg/L: 0.01, Cr mg/L: 0.01, Pb mg/L: 0.01, Aluminum as Al mg/L: 0.01


Authorized Signatory

Lalita Dodwad

Assistant Scientific officer
Regional Laboratory-Dharwad

KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ಇಲ್ಲಿಗೆ ಕಾರ್ಡ್ ಸಹ
4, ಲಕ್ಷಣನಹಳ್ಳಿ, ಧರವಡ
ಇಂಡಸ್ಟ್ರಿಯಲ್ ಏರಿಯಾ-580 014ANALYSIS REPORT

Date : 22.10.2024

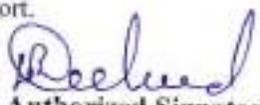
NAME OF THE LAKE :	Hanumanth Water Tank, Haliyal		Page 1 of 1
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 5.9.2024	
DATE OF COLLECTION :	5.9.2024	DATE OF COMPLETION OF TEST : 3.10.2024	
DATE OF RECEIPT :	5.9.2024	SAMPLE REPORT NO. : 605	
PARTICULARS	Water Sample of Hanumanth Water tank, Haliyal	SAMPLE NO. : 605	

No	Parameters	Unit	Water Quality Criteria					Result	Test Method
			A	B	C	D	E		
1	pH	-	6.5-8.5	6.5-8.5	6.0-9.0	6.5-8.5	6.0-8.5	8.1	IS 3025 (Part 11): 2022
2	Conductivity	µS/cm	-	-	-	-	2250	1836	IS 3025 (Part 14): 2019
3	Biochemical Oxygen Demand @ 27° C for 3 days	mg/L	2	3	3	-	-	32	IS 3025 (Part 44): 2019
4	Oxygen (Dissolved)	mg/L	6	5	4	4	-	5.8	IS 3025 (Part 38): 2019
5	Total coliforms	MPN/100mL	50	500	5000	-	-	17000	APHA 23rd edition (9223 B): 2017
6	Sodium Absorption Ratio (SAR)	-	-	-	-	-	26	1.2	IS:11624: 2019
7	Free Ammonia as N	mg/L	-	-	-	1.2	-	0.28	APHA 23rd edition (4500 NH3-D): 2017
8	Boron as B	mg/L	-	-	-	-	2	1.40	APHA 23rd edition (4500-B B) : 2017
INFERENCE		Class " D "- to prescribed standards with respect to BOD and Total Coliform as per Primary Water Quality Criteria – CPCB.							
		Designated best use - Propagation of Wild life and Fisheries							

Note: 1. The above results pertain only to the sample tested.

2. The report shall not be reproduced without the written approval of the laboratory.

3. Samples will be stored for a period of 10 days from the date of issue of report.


 Authorized Signatory
 Lalita Dodwad
 Assistant Scientific officer
 Regional Laboratory-Dharwad

Karnataka State Pollution Control
Board 8, Lakshminahalli
Industrial Area Dharwad -580 004**KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY**ಇಂಡಿಯಾ ಪಾಲೂಷನ್ ಕಂಟ್ರೋಲ್
ಬೋರ್ಡ್, ಲಕ್ಷ್ಮಿನಹಳ್ಳಿ
ಉದ್ಯೋಗ ಕ್ಷೇತ್ರ ಧಾರವಾಡ-೫೮೦ ೦೦೪

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date : 2.12.2024

NAME OF THE INDUSTRY :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 1
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 9.10.2024
DATE OF COLLECTION :	9.10.2024	DATE OF COMPLETION OF TEST : 6.11.2024
DATE OF RECEIPT :	9.10.2024	SAMPLE REPORT NO: 1007
ARTICULARS	Treated Trade effluent collected from Outlet of ETP	SAMPLE NO : 1007, 1007-A

Sl No	Parameters	Unit	Standard	Results		Test Method
				1007	1007-A	
✓ 1	Biochemical Oxygen Demand @ 27°C for 3 days	mg/L	100	68	.....	IS 3025 (Part 44): 2023
✓ 2	Oil and Grease	mg/L	10	.....	BDL	APHA 23 rd edition (5520B): 2017
✓ 3	pH	-	5.5-8.5	7.6	.....	IS 3025 (Part 11): 2022
✓ 4	Total Dissolved Solids	mg/L	2100	1160	.....	IS 3025 (Part 16): 2023
✓ 5	Total Suspended Solids	mg/L	100	80	.....	IS 3025 (Part 17): 2022
INFERENCE		Conforms to prescribed standards.				

- Note: 1. The above results pertain only to the sample tested.
2. The report shall not be reproduced without the written approval of the laboratory.
3. Samples will be stored for a period of 15 days from the date of issue of report.
4. BDL: Below Detection Level in mg/L.
Oil and Grease: 1 mg/L.

Authorized Signatory

Lalita Dodwad
Assistant Scientific officer
Regional Laboratory-Dharwad

KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

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ANALYSIS REPORT

Date: 2.12.2024

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 9.10.2024
DATE OF COLLECTION :	9.10.2024	DATE OF COMPLETION OF TEST : 6.11.2024
DATE OF RECEIPT :	9.10.2024	SAMPLE REPORT NO. : 1008
ARTICULARS	Bore well-1 sample within the premises near sugar ETP.	SAMPLE NO. : 1008, 1008-A

Sl. No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	1008	1008-A	
✓ 1	pH	-	6.5 to 8.5	6.5 to 8.5	7.1	.....	IS 3025 (Part 11): 2022
✓ 2	Turbidity	NTU	1	5	3	.....	IS 3025 (Part 10): 2023
✓ 3	Total Dissolved Solids	mg/L	500	2000	100	.....	IS 3025 (Part 16): 2023
✓ 4	Sulphate as SO ₄	mg/L	200	400	6.7	.....	IS 3025 (Part 24): 2022
✓ 5	Chloride as Cl	mg/L	250	1000	28	.....	IS 3025 (Part 32): 2019
✓ 6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
✓ 7	Nitrate as NO ₃	mg/L	45	45	1.3	.....	APHA 23rd Edition (4500 NO3-D)
✓ 8	Total Hardness as CaCO ₃	mg/L	200	600	60	.....	IS 3025 (Part 21): 2019
✓ 9	Calcium as Ca	mg/L	75	200	15.6	.....	IS 3025 (Part 40): 2019
✓ 10	Magnesium as Mg	mg/L	30	100	5.1	.....	IS 3025 (Part 46): 2023
✓ 11	Total Alkalinity as CaCO ₃	mg/L	200	600	54	.....	IS 3025 (Part 23): 2023
✓ 12	Fluoride as F	mg/L	1	1.5	0.4	.....	IS 3025 (Part 60) : 2019
✓ 13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025(Part 34): 2019
✓ 14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	APHA 23rd edition (4500 S2- F)
✓ 15	Boron as B	mg/L	0.5	2.4	BDL	APHA 23rd edition (4500-B B)

P.T.O

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✓ 16	Copper as Cu	mg/L	0.05	1.5	BDL	APHA 23rd edition (3120B)
✓ 17	Zinc as Zn	mg/L	0.05	1.5	BDL	APHA 23rd edition (3120B)
✓ 18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
✓ 19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
✓ 20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
✓ 21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
✓ 22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
✓ 23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)				

- Note:**
1. The above results pertain only to the sample tested.
 2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)
 3. The report shall not be reproduced without the written approval of the laboratory.
 4. Samples will be stored for a period of 15 days from the date of dispatch of report
 5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L: 0.1, H₂S mg/L: 2, B mg/L: 0.1, Cu mg/L: 0.02, Zn mg/L: 0.01, Ni mg/L: 0.2, Fe mg/L: 0.1, Mn mg/L: 0.03, Cd mg/L: 0.01, Cr mg/L: 0.06, Pb mg/L: 0.2,


Authorized Signatory

Lalita Dodwad

Assistant Scientific officer
Regional Laboratory-Dharwad

KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY

474

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

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ANALYSIS REPORT

Date: 2, 11, 2024

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 9.10.2024
DATE OF COLLECTION :	9.10.2024	DATE OF COMPLETION OF TEST : 6.11.2024
DATE OF RECEIPT :	9.10.2024	SAMPLE REPORT NO. : 1009
PARTICULARS	Bore well-3 sample at the back side of Administrative office	SAMPLE NO. : 1009, 1009-A

Sl. No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	1009	1009-A	
✓ 1	pH	-	6.5 to 8.5	6.5 to 8.5	7.2	.....	IS 3025 (Part 11): 2022
✓ 2	Turbidity	NTU	1	5	2	.....	IS 3025 (Part 10): 2023
✓ 3	Total Dissolved Solids	mg/L	500	2000	110	.....	IS 3025 (Part 16): 2023
✓ 4	Sulphate as SO ₄	mg/L	200	400	8.8	.....	IS 3025 (Part 24): 2022
✓ 5	Chloride as Cl	mg/L	250	1000	34	.....	IS 3025 (Part 32): 2019
✓ 6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
✓ 7	Nitrate as NO ₃	mg/L	45	45	2.3	.....	APHA 23rd Edition (4500 NO3-D)
✓ 8	Total Hardness as CaCO ₃	mg/L	200	600	57	.....	IS 3025 (Part 21): 2019
✓ 9	Calcium as Ca	mg/L	75	200	15.2	.....	IS 3025 (Part 40): 2019
✓ 10	Magnesium as Mg	mg/L	30	100	4.7	.....	IS 3025 (Part 46): 2023
✓ 11	Total Alkalinity as CaCO ₃	mg/L	200	600	34	.....	IS 3025 (Part 23): 2023
✓ 12	Fluoride as F	mg/L	1	1.5	0.6	.....	IS 3025 (Part 60): 2019
✓ 13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025 (Part 34): 2019
✓ 14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	APHA 23rd edition (4500 S2- F)
✓ 15	Boron as B	mg/L	0.5	2.4	BDL	APHA 23rd edition (4500-B B)

P.T.O

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✓ 16	Copper as Cu	mg/L	0.05	1.5	BDL	APHA 23rd edition (3120B)
✓ 17	Zinc as Zn	mg/L	0.05	1.5	BDL	APHA 23rd edition (3120B)
✓ 18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
✓ 19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
✓ 20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
✓ 21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
✓ 22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
✓ 23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)				

Note: 1. The above results pertain only to the sample tested.

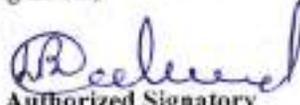
2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)

3. The report shall not be reproduced without the written approval of the laboratory.

4. Samples will be stored for a period of 15 days from the date of dispatch of report

5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L: 0.1, H₂S mg/L: 2, B mg/L: 0.1, Cu mg/L: 0.02, Zn mg/L: 0.01, Ni mg/L: 0.2, Fe mg/L: 0.1, Mn mg/L: 0.03, Cd mg/L: 0.01, Cr mg/L: 0.06, Pb mg/L: 0.2,


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Assistant Scientific officer
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Karnataka State Pollution Control
Board 4, Lakshminagar
Industrial Area Dharwad -580 004**KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY**ಇಂಡೀ ಗವರ್ನಿಂಗ್
ಇಲಾಖೆ, 4ನೇ ಮಹಡಿ
ಉದ್ಯೋಗ-580 004

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date : 2.12.2024

NAME OF THE LAKE :	Hanumanth Water Tank, Haliyal	Page 1 of 1
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 9.10.2024
DATE OF COLLECTION :	9.10.2024	DATE OF COMPLETION OF TEST : 6.11.2024
DATE OF RECEIPT :	9.10.2024	SAMPLE REPORT NO. : 1005
PARTICULARS	Water Sample of Hanumanth Water tank, Haliyal	SAMPLE NO. : 1005

Sl. No	Parameters	Unit	Water Quality Criteria					Result	Test Method
			A	B	C	D	E		
1	pH	-	6.5-8.5	6.5-8.5	6.0-9.0	6.5-8.5	6.0-8.5	8.1	IS 3025 (Part 11): 2022
2	Conductivity	µS/cm	-	-	-	-	2250	1563	IS 3025 (Part 14): 2019
3	Biochemical Oxygen Demand @ 27° C for 3 days	mg/L	2	3	3	-	-	22	IS 3025 (Part 44): 2019
4	Oxygen (Dissolved)	mg/L	6	5	4	4	-	6.1	IS 3025 (Part 38): 2019
5	Total coliforms	MPN/100mL	50	500	5000	-	-	12000	APHA 23rd edition (9223 B): 2017
5	Sodium Absorption Ratio (SAR)	-	-	-	-	-	26	2.9	IS:11624: 2019
7	Free Ammonia as N	mg/L	-	-	-	1.2	-	0.37	APHA 23rd edition (4500 NH3-D): 2017
8	Boron as B	mg/L	-	-	-	-	2	1.10	APHA 23rd edition (4500-B B): 2017
INFERENCE		Class " D "- to prescribed standards with respect to BOD and Total Coliform as per Primary Water Quality Criteria – CPCB.							
		Designated best use - Propagation of Wild life and Fisheries							

Note: 1. The above results pertain only to the sample tested.

2. The report shall not be reproduced without the written approval of the laboratory.

3. Samples will be stored for a period of 10 days from the date of issue of report.

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Industrial Area Dharwad - 580 004**KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY**ಇದರ ಕಛೇರಿ
ಕರ್ನಾಟಕ ಸರ್ಕಾರ
ದಾರವಡು-580 004

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date : 16.12.2024

NAME OF THE INDUSTRY :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 1
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 7.11.2024
DATE OF COLLECTION :	7.11.2024	DATE OF COMPLETION OF TEST : 2.12.2024
DATE OF RECEIPT :	7.11.2024	SAMPLE REPORT NO: 1062
ARTICULARS	Treated Trade effluent collected from Outlet of ETP	SAMPLE NO : 1062, 1062-A

Sl No	Parameters	Unit	Standard	Results		Test Method
				1062	1062-A	
✓ 1	Biochemical Oxygen Demand @ 27°C for 3 days	mg/L	100	47	.....	IS 3025 (Part 44): 2023
✓ 2	Oil and Grease	mg/L	10	.....	BDL	APHA 23 rd edition (5520B): 2017
✓ 3	pH	-	5.5-8.5	7.4	.....	IS 3025 (Part 11): 2022
✓ 4	Total Dissolved Solids	mg/L	2100	1370	.....	IS 3025 (Part 16): 2023
✓ 5	Total Suspended Solids	mg/L	100	60	.....	IS 3025 (Part 17): 2022
INFERENCE		Conforms to prescribed standards.				

- Note: 1. The above results pertain only to the sample tested.
2. The report shall not be reproduced without the written approval of the laboratory.
3. Samples will be stored for a period of 15 days from the date of issue of report.
4. BDL: Below Detection Level in mg/L.
Oil and Grease: 1 mg/L.

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Regional Laboratory-Dharwad

KARNATAKA STATE POLLUTION CONTROL BOARD
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Date: 16.12.2024

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 7.11.2024
DATE OF COLLECTION :	7.11.2024	DATE OF COMPLETION OF TEST : 2.12.2024
DATE OF RECEIPT :	7.11.2024	SAMPLE REPORT NO. : 1063
PARTICULARS	Bore well-1 sample within the premises near sugar ETP.	SAMPLE NO. : 1063, 1063-A

Sl. No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	1063	1063-A	
✓ 1	pH	-	6.5 to 8.5	6.5 to 8.5	7.6	.....	IS 3025 (Part 11): 2022
✓ 2	Turbidity	NTU	1	5	3	.....	IS 3025 (Part 10): 2023
✓ 3	Total Dissolved Solids	mg/L	500	2000	110	.....	IS 3025 (Part 16): 2023
✓ 4	Sulphate as SO ₄	mg/L	200	400	3.4	.....	IS 3025 (Part 24): 2022
✓ 5	Chloride as Cl	mg/L	250	1000	28	.....	IS 3025 (Part 32): 2019
✓ 6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
✓ 7	Nitrate as NO ₃	mg/L	45	45	1.2	.....	APHA 23rd Edition (4500 NO3-D)
✓ 8	Total Hardness as CaCO ₃	mg/L	200	600	60	.....	IS 3025 (Part 21): 2019
✓ 9	Calcium as Ca	mg/L	75	200	15.6	.....	IS 3025 (Part 40): 2019
✓ 10	Magnesium as Mg	mg/L	30	100	5.1	.....	IS 3025 (Part 46): 2023
✓ 11	Total Alkalinity as CaCO ₃	mg/L	200	600	54	.....	IS 3025 (Part 23): 2023
✓ 12	Fluoride as F	mg/L	1	1.5	0.2	.....	IS 3025 (Part 60): 2019
✓ 13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025 (Part 34): 2019
✓ 14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	APHA 23rd edition (4500 S2- F)
✓ 15	Boron as B	mg/L	0.5	2.4	BDL	APHA 23rd edition (4500-B B)

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✓ 16	Copper as Cu	mg/L	0.05	1.5	BDL	APHA 23rd edition (3120B)
✓ 17	Zinc as Zn	mg/L	0.05	1.5	BDL	APHA 23rd edition (3120B)
✓ 18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
✓ 19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
✓ 20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
✓ 21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
✓ 22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
✓ 23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)				

Note: 1. The above results pertain only to the sample tested.

2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)

3. The report shall not be reproduced without the written approval of the laboratory.

4. Samples will be stored for a period of 15 days from the date of dispatch of report

5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L: 0.1, H2S mg/L: 2, B mg/L: 0.1, Cu mg/L: 0.02, Zn mg/L: 0.01, Ni mg/L: 0.2, Fe mg/L: 0.1, Mn mg/L: 0.03, Cd mg/L: 0.01, Cr mg/L: 0.06, Pb mg/L: 0.2,


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REGIONAL LABORATORY

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ಅಧಿಕಾರವನ್ನು ಕೈಗೊಂಡಿದೆ
ಮಾನ್ಯತೆ-2024ANALYSIS REPORT

Date: 16.12.2024

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 7.11.2024
DATE OF COLLECTION :	7.11.2024	DATE OF COMPLETION OF TEST : 2.12.2024
DATE OF RECEIPT :	7.11.2024	SAMPLE REPORT NO. : 1064
PARTICULARS	Bore well-3 sample within the premises near sugar ETP.	SAMPLE NO. : 1064, 1064-A

Sl No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	1064	1064-A	
✓ 1	pH	-	6.5 to 8.5	6.5 to 8.5	7.8	.....	IS 3025 (Part 11): 2022
✓ 2	Turbidity	NTU	1	5	4	.....	IS 3025 (Part 10): 2023
✓ 3	Total Dissolved Solids	mg/L	500	2000	130	.....	IS 3025 (Part 16): 2023
✓ 4	Sulphate as SO ₄	mg/L	200	400	9.7	.....	IS 3025 (Part 24): 2022
✓ 5	Chloride as Cl	mg/L	250	1000	32	.....	IS 3025 (Part 32): 2019
✓ 6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
✓ 7	Nitrate as NO ₃	mg/L	45	45	1.8	.....	APHA 23rd Edition (4500 NO3-D)
✓ 8	Total Hardness as CaCO ₃	mg/L	200	600	62	.....	IS 3025 (Part 21): 2019
✓ 9	Calcium as Ca	mg/L	75	200	16	.....	IS 3025 (Part 40): 2019
✓ 10	Magnesium as Mg	mg/L	30	100	5.3	.....	IS 3025 (Part 46): 2023
✓ 11	Total Alkalinity as CaCO ₃	mg/L	200	600	58	.....	IS 3025 (Part 23): 2023
✓ 12	Fluoride as F	mg/L	1	1.5	0.2	.....	IS 3025 (Part 60) : 2019
✓ 13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025(Part 34): 2019
✓ 14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	APHA 23rd edition (4500 S2- F)
✓ 15	Boron as B	mg/L	0.5	2.4	BDL	APHA 23rd edition (4500-B B)

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✓ 16	Copper as Cu	mg/L	0.05	1.5	BDL	APHA 23rd edition (3120B)	
✓ 17	Zinc as Zn	mg/L	0.05	1.5	BDL	APHA 23rd edition (3120B)	
✓ 18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
✓ 19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
✓ 20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
✓ 21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
✓ 22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
✓ 23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)					

Note: 1. The above results pertain only to the sample tested.

2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)

3. The report shall not be reproduced without the written approval of the laboratory.

4. Samples will be stored for a period of 15 days from the date of dispatch of report

5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L: 0.1, H₂S mg/L: 2, B mg/L: 0.1, Cu mg/L: 0.02, Zn mg/L: 0.01, Ni mg/L: 0.2, Fe mg/L: 0.1, Mn mg/L: 0.03, Cd mg/L: 0.01, Cr mg/L: 0.06, Pb mg/L: 0.2,


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Regional Laboratory-Dharwad

KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY

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ANALYSIS REPORT

Date : 7.1.2025

NAME OF THE LAKE :	Hanumanth Water Tank, Haliyal	Page 1 of 1
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 6.12.2024
DATE OF COLLECTION :	6.12.2024	DATE OF COMPLETION OF TEST : 4.1.2025
DATE OF RECEIPT :	6.12.2024	SAMPLE REPORT NO. : 1120
PARTICULARS	Water Sample of Hanumanth Water tank, Haliyal	SAMPLE NO. : 1120

No	Parameters	Unit	Water Quality Criteria					Result	Test Method
			A	B	C	D	E		
1	pH	-	6.5-8.5	6.5-8.5	6.0-9.0	6.5-8.5	6.0-8.5	7.3	IS 3025 (Part 11): 2022
2	Conductivity	µS/cm	-	-	-	-	2250	1449	IS 3025 (Part 14): 2019
3	Biochemical Oxygen Demand @ 27° C for 3 days	mg/L	2	3	3	-	-	29	IS 3025 (Part 44): 2019
4	Oxygen (Dissolved)	mg/L	6	5	4	4	-	5.8	IS 3025 (Part 38): 2019
5	Total coliforms	MPN/100mL	50	500	5000	-	-	21000	APHA 23rd edition (9223 B): 2017
6	Sodium Absorption Ratio (SAR)	-	-	-	-	-	26	2.5	IS:11624: 2019
7	Free Ammonia as N	mg/L	-	-	-	1.2	-	0.28	APHA 23rd edition (4500 NH3-D): 2017
8	Boron as B	mg/L	-	-	-	-	2	1.2	APHA 23rd edition (4500-B B) : 2017
INFERENCE			Class " D " - to prescribed standards with respect to BOD and Total Coliform as per Primary Water Quality Criteria - CPCB.						
			Designated best use - Propagation of Wild life and Fisheries						

- Note: 1. The above results pertain only to the sample tested.
2. The report shall not be reproduced without the written approval of the laboratory.
3. Samples will be stored for a period of 10 days from the date of issue of report.


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 Assistant Scientific officer
 Regional Laboratory-Dharwad

**KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY**

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date: 7.1.2025

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 6.12.2024
DATE OF COLLECTION :	6.12.2024	DATE OF COMPLETION OF TEST : 4.1.2025
DATE OF RECEIPT :	6.12.2024	SAMPLE REPORT NO. : 1123
PARTICULARS	Bore well-3 sample within the premises near sugar ETP.	SAMPLE NO. : 1123, 1123-A

SL No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	1123	1123-A	
1	pH	-	6.5 to 8.5	6.5 to 8.5	8.1	.....	IS 3025 (Part 11): 2022
2	Turbidity	NTU	1	5	2	.....	IS 3025 (Part 10): 2023
3	Total Dissolved Solids	mg/L	500	2000	200	.....	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	mg/L	200	400	4.5	.....	IS 3025 (Part 24): 2022
5	Chloride as Cl	mg/L	250	1000	56	.....	IS 3025 (Part 32): 2019
6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
7	Nitrate as NO ₃	mg/L	45	45	1.2	.....	APHA 23rd Edition (4500 NO3-D)
8	Total Hardness as CaCO ₃	mg/L	200	600	68	.....	IS 3025 (Part 21): 2019
9	Calcium as Ca	mg/L	75	200	18	.....	IS 3025 (Part 40): 2019
10	Magnesium as Mg	mg/L	30	100	5.8	.....	IS 3025 (Part 46): 2023
11	Total Alkalinity as CaCO ₃	mg/L	200	600	88	.....	IS 3025 (Part 23): 2023
12	Fluoride as F	mg/L	1	1.5	0.2	.....	IS 3025 (Part 60) : 2019
13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025(Part 34): 2019
14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	.....	APHA 23rd edition (4500 S2- F)
15	Boron as B	mg/L	0.5	2.4	BDL	.....	APHA 23rd edition (4500-B B)

P.T.O

16	Copper as Cu	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
17	Zinc as Zn	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
INFERENCE		Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)					

Note: 1. The above results pertain only to the sample tested.

2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)

3. The report shall not be reproduced without the written approval of the laboratory.

4. Samples will be stored for a period of 15 days from the date of dispatch of report

5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L: 0.1, H₂S mg/L: 2, B mg/L: 0.1, Cu mg/L: 0.02, Zn mg/L: 0.01, Ni mg/L: 0.2, Fe mg/L: 0.1, Mn mg/L: 0.03, Cd mg/L: 0.01, Cr mg/L: 0.06, Pb mg/L: 0.2,


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KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY

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ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date: 7.1.2025

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 6.12.2024
DATE OF COLLECTION :	6.12.2024	DATE OF COMPLETION OF TEST : 4.1.2025
DATE OF RECEIPT :	6.12.2024	SAMPLE REPORT NO. : 1122
PARTICULARS	Bore well-1 sample within the premises near sugar ETP.	SAMPLE NO. : 1122, 1122-A

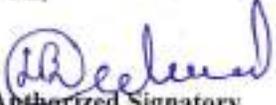
Sl. No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	1122	1122-A	
1	pH	-	6.5 to 8.5	6.5 to 8.5	7.3	.....	IS 3025 (Part 11): 2022
2	Turbidity	NTU	1	5	4	.....	IS 3025 (Part 10): 2023
3	Total Dissolved Solids	mg/L	500	2000	310	.....	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	mg/L	200	400	11	.....	IS 3025 (Part 24): 2022
5	Chloride as Cl	mg/L	250	1000	104	.....	IS 3025 (Part 32): 2019
6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
7	Nitrate as NO ₃	mg/L	45	45	1.4	.....	APHA 23rd Edition (4500 NO3-D)
8	Total Hardness as CaCO ₃	mg/L	200	600	196	.....	IS 3025 (Part 21): 2019
9	Calcium as Ca	mg/L	75	200	51.5	.....	IS 3025 (Part 40): 2019
10	Magnesium as Mg	mg/L	30	100	16.7	.....	IS 3025 (Part 46): 2023
11	Total Alkalinity as CaCO ₃	mg/L	200	600	124	.....	IS 3025 (Part 23): 2023
12	Fluoride as F	mg/L	1	1.5	0.5	.....	IS 3025 (Part 60) : 2019
13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025(Part 34): 2019
14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	.....	APHA 23rd edition (4500 S2- F)
15	Boron as B	mg/L	0.5	2.4	BDL	.....	APHA 23rd edition (4500-B B)

P.T.O

16	Copper as Cu	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
17	Zinc as Zn	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)				

- Note:** 1. The above results pertain only to the sample tested.
 2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)
 3. The report shall not be reproduced without the written approval of the laboratory.
 4. Samples will be stored for a period of 15 days from the date of dispatch of report
 5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L: 0.1, H₂S mg/L: 2, B mg/L: 0.1, Cu mg/L: 0.02, Zn mg/L: 0.01, Ni mg/L: 0.2,
 Fe mg/L: 0.1, Mn mg/L: 0.03, Cd mg/L: 0.01, Cr mg/L: 0.06, Pb mg/L: 0.2,


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KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date: 24.2.2025

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 8.1.2025
DATE OF COLLECTION :	8.1.2025	DATE OF COMPLETION OF TEST : 3.2.2025
DATE OF RECEIPT :	8.1.2025	SAMPLE REPORT NO. : 1199
PARTICULARS	Bore well-1 sample within the premises near sugar ETP.	SAMPLE NO. : 1199, 1199-A

Sl. No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	1199	1199-A	
✓ 1	pH	-	6.5 to 8.5	6.5 to 8.5	7.6	.....	IS 3025 (Part 11): 2022
✓ 2	Turbidity	NTU	1	5	2	.....	IS 3025 (Part 10): 2023
✓ 3	Total Dissolved Solids	mg/L	500	2000	260	.....	IS 3025 (Part 16): 2023
✓ 4	Sulphate as SO ₄	mg/L	200	400	7.5	.....	IS 3025 (Part 24): 2022
✓ 5	Chloride as Cl	mg/L	250	1000	76	.....	IS 3025 (Part 32): 2019
✓ 6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
✓ 7	Nitrate as NO ₃	mg/L	45	45	2.3	.....	APHA 23rd Edition (4500 NO3-D)
✓ 8	Total Hardness as CaCO ₃	mg/L	200	600	132	.....	IS 3025 (Part 21): 2019
✓ 9	Calcium as Ca	mg/L	75	200	34.5	.....	IS 3025 (Part 40): 2019
✓ 10	Magnesium as Mg	mg/L	30	100	11.2	.....	IS 3025 (Part 46): 2023
✓ 11	Total Alkalinity as CaCO ₃	mg/L	200	600	116	.....	IS 3025 (Part 23): 2023
✓ 12	Fluoride as F	mg/L	1	1.5	0.4	.....	IS 3025 (Part 60) : 2019
✓ 13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025(Part 34): 2019
✓ 14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	APHA 23rd edition (4500 S2- F)
✓ 15	Boron as B	mg/L	0.5	2.4	BDL	APHA 23rd edition (4500-B B)

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✓ 16	Copper as Cu	mg/L	0.05	1.5	BDL	APHA 23rd edition (3120B)
✓ 17	Zinc as Zn	mg/L	0.05	1.5	BDL	APHA 23rd edition (3120B)
✓ 18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
✓ 19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
✓ 20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
✓ 21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
✓ 22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
✓ 23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)				

- Note:**
1. The above results pertain only to the sample tested.
 2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)
 3. The report shall not be reproduced without the written approval of the laboratory.
 4. Samples will be stored for a period of 15 days from the date of dispatch of report
 5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L: 0.1, H2S mg/L: 2, B mg/L: 0.1, Cu mg/L: 0.02, Zn mg/L: 0.01, Ni mg/L: 0.2, Fe mg/L: 0.1, Mn mg/L: 0.03, Cd mg/L: 0.01, Cr mg/L: 0.06, Pb mg/L: 0.2,


 Authorized Signatory
 Lalita.Dodwad
 Assistant Scientific officer
 Regional Laboratory-Dharwad


**KARNATAKA STATE POLLUTION CONTROL BOARD
 REGIONAL LABORATORY**

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date: 24.2.2025

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 8.1.2025
DATE OF COLLECTION :	8.1.2025	DATE OF COMPLETION OF TEST : 3.2.2025
DATE OF RECEIPT :	8.1.2025	SAMPLE REPORT NO. : 1200
PARTICULARS	Bore well-3 sample within the premises near sugar ETP.	SAMPLE NO. : 1200, 1200-A

Sl. No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	1200	1200-A	
✓ 1	pH	-	6.5 to 8.5	6.5 to 8.5	7.7	.....	IS 3025 (Part 11): 2022
✓ 2	Turbidity	NTU	1	5	3	.....	IS 3025 (Part 10): 2023
✓ 3	Total Dissolved Solids	mg/L	500	2000	210	.....	IS 3025 (Part 16): 2023
✓ 4	Sulphate as SO ₄	mg/L	200	400	6.3	.....	IS 3025 (Part 24): 2022
✓ 5	Chloride as Cl	mg/L	250	1000	64	.....	IS 3025 (Part 32): 2019
✓ 6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
✓ 7	Nitrate as NO ₃	mg/L	45	45	1.8	.....	APHA 23rd Edition (4500 NO3-D)
✓ 8	Total Hardness as CaCO ₃	mg/L	200	600	120	.....	IS 3025 (Part 21): 2019
✓ 9	Calcium as Ca	mg/L	75	200	31.3	.....	IS 3025 (Part 40): 2019
✓ 10	Magnesium as Mg	mg/L	30	100	10.2	.....	IS 3025 (Part 46): 2023
✓ 11	Total Alkalinity as CaCO ₃	mg/L	200	600	96	.....	IS 3025 (Part 23): 2023
✓ 12	Fluoride as F	mg/L	1	1.5	0.2	.....	IS 3025 (Part 60): 2019
✓ 13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025 (Part 34): 2019
✓ 14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	.....	APHA 23rd edition (4500 S2- F)
✓ 15	Boron as B	mg/L	0.5	2.4	BDL	.....	APHA 23rd edition (4500-B B)

P.T.O

✓ 16	Copper as Cu	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
✓ 17	Zinc as Zn	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
✓ 18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
✓ 19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
✓ 20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
✓ 21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
✓ 22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
✓ 23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)					

Note: 1. The above results pertain only to the sample tested.

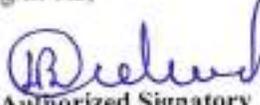
2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)

3. The report shall not be reproduced without the written approval of the laboratory.

4. Samples will be stored for a period of 15 days from the date of dispatch of report

5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L: 0.1, H₂S mg/L: 2, B mg/L: 0.1, Cu mg/L: 0.02, Zn mg/L: 0.01, Ni mg/L: 0.2, Fe mg/L: 0.1, Mn mg/L: 0.03, Cd mg/L: 0.01, Cr mg/L: 0.06, Pb mg/L: 0.2,


Authorized Signatory

Lalita Dodwad

Assistant Scientific officer
Regional Laboratory-Dharwad

KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date : 24.2.2025

NAME OF THE LAKE :	Hanumanth Water Tank, Haliyal	Page 1 of 1
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 8.1.2025
DATE OF COLLECTION :	8.1.2025	DATE OF COMPLETION OF TEST : 3.2.2025
DATE OF RECEIPT :	8.1.2025	SAMPLE REPORT NO. : 1197
PARTICULARS	Water Sample of Hanumanth Water tank, Haliyal	SAMPLE NO. : 1197

Sl. No	Parameters	Unit	Water Quality Criteria					Result	Test Method
			A	B	C	D	E		
1	pH	-	6.5-8.5	6.5-8.5	6.0-9.0	6.5-8.5	6.0-8.5	7.5	IS 3025 (Part 11): 2022
2	Conductivity	µS/cm	-	-	-	-	2250	1888	IS 3025 (Part 14): 2019
3	Biochemical Oxygen Demand @ 27° C for 3 days	mg/L	2	3	3	-	-	34	IS 3025 (Part 44): 2019
4	Oxygen (Dissolved)	mg/L	6	5	4	4	-	5.5	IS 3025 (Part 38): 2019
5	Total coliforms	MPN/100mL	50	500	5000	-	-	24000	APHA 23rd edition (9223 B): 2017
6	Sodium Absorption Ratio (SAR)	-	-	-	-	-	26	2.3	IS:11624: 2019
7	Free Ammonia as N	mg/L	-	-	-	1.2	-	0.39	APHA 23rd edition (4500 NH3-D): 2017
8	Boron as B	mg/L	-	-	-	-	2	1.6	APHA 23rd edition (4500-B B): 2017
INFERENCE		Class " D " - to prescribed standards with respect to BOD and Total Coliform as per Primary Water Quality Criteria – CPCB.							
		Designated best use - Propagation of Wild life and Fisheries							

Note: 1. The above results pertain only to the sample tested.

2. The report shall not be reproduced without the written approval of the laboratory.

3. Samples will be stored for a period of 10 days from the date of issue of report.

Authorized Signatory

Lalita Dodwad

Assistant Scientific officer

Regional Laboratory-Dharwad

KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

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ಕಾರ್ಯಾಲಯ-586 004ANALYSIS REPORT

Date : 18.3.2025

NAME OF THE LAKE :	Hanumanth Water Tank, Haliyal	Page 1 of 1
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 5.2.2025
DATE OF COLLECTION :	5.2.2025	DATE OF COMPLETION OF TEST : 3.3.2025
DATE OF RECEIPT :	5.2.2025	SAMPLE REPORT NO. : 1285
PARTICULARS	Water Sample of Hanumanth Water tank, Haliyal	SAMPLE NO. : 1285

Sl. No	Parameters	Unit	Water Quality Criteria					Result	Test Method
			A	B	C	D	E		
1	pH	-	6.5-8.5	6.5-8.5	6.0-9.0	6.5-8.5	6.0-8.5	7.8	IS 3025 (Part 11): 2022
2	Conductivity	µS/cm	-	-	-	-	2250	1625	IS 3025 (Part 14): 2019
3	Biochemical Oxygen Demand @ 27° C for 3 days	mg/L	2	3	3	-	-	28	IS 3025 (Part 44): 2019
4	Oxygen (Dissolved)	mg/L	6	5	4	4	-	5.9	IS 3025 (Part 38): 2019
5	Total coliforms	MPN/100mL	50	500	5000	-	-	19000	APHA 23rd edition (9223 B): 2017
6	Sodium Absorption Ratio (SAR)	-	-	-	-	-	26	1.8	IS:11624: 2019
7	Free Ammonia as N	mg/L	-	-	-	1.2	-	0.23	APHA 23rd edition (4500 NH3-D): 2017
8	Boron as B	mg/L	-	-	-	-	2	1.2	APHA 23rd edition (4500-B B) : 2017
INFERENCE		Class " D "- to prescribed standards with respect to BOD and Total Coliform as per Primary Water Quality Criteria – CPCB.							
		Designated best use - Propagation of Wild life and Fisheries							

Note: 1. The above results pertain only to the sample tested.

2. The report shall not be reproduced without the written approval of the laboratory.

3. Samples will be stored for a period of 10 days from the date of issue of report.


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 Lalita Dodwad
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 Regional Laboratory-Dharwad



Karnataka State Pollution Control
Board
Dharmal, Dharwad - 580 004

**KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY**

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

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ANALYSIS REPORT

Date : 18.3.2025

NAME OF THE INDUSTRY :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 1
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 5.2.2025
DATE OF COLLECTION :	5.2.2025	DATE OF COMPLETION OF TEST : 3.3.2025
DATE OF RECEIPT :	5.2.2025	SAMPLE REPORT NO: 1287
PARTICULARS	Treated Trade effluent collected from Outlet of ETP	SAMPLE NO : 1287, 1287-A

Sl No	Parameters	Unit	Standard	Results		Test Method
				1287	1287-A	
1	Biochemical Oxygen Demand @ 27°C for 3 days	mg/L	100	56	.....	IS 3025 (Part 44): 2023
2	Oil and Grease	mg/L	10	.....	BDL	APHA 23 rd edition (5520B); 2017
3	pH	-	5.5-8.5	7.2	.....	IS 3025 (Part 11): 2022
4	Total Dissolved Solids	mg/L	2100	1280	.....	IS 3025 (Part 16): 2023
5	Total Suspended Solids	mg/L	100	80	.....	IS 3025 (Part 17): 2022
INFERENCE		Conforms to prescribed standards.				

- Note: 1. The above results pertain only to the sample tested.
2. The report shall not be reproduced without the written approval of the laboratory.
3. Samples will be stored for a period of 15 days from the date of issue of report.
4. BDL: Below Detection Level in mg/L.
Oil and Grease: 1 mg/L.


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Assistant Scientific officer
Regional Laboratory-Dharwad

Karnataka State Pollution Control
Board-4, Lakshmanahalli
Industrial Area Dharwad -580 004**KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY**ಇಂಡೀ ಪಿಲಿಯಂ ಆಂಡ್
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ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date: 18.3.2025

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 5.2.2025
DATE OF COLLECTION :	5.2.2025	DATE OF COMPLETION OF TEST : 3.3.2025
DATE OF RECEIPT :	5.2.2025	SAMPLE REPORT NO. : 1288
PARTICULARS	Bore well-1 sample within the premises near sugar ETP.	SAMPLE NO. : 1288, 1288-A

Sl No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	1288	1288-A	
1	pH	-	6.5 to 8.5	6.5 to 8.5	7.2	.....	IS 3025 (Part 11): 2022
2	Turbidity	NTU	1	5	3	.....	IS 3025 (Part 10): 2023
3	Total Dissolved Solids	mg/L	500	2000	280	.....	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	mg/L	200	400	14.5	.....	IS 3025 (Part 24): 2022
5	Chloride as Cl	mg/L	250	1000	92	.....	IS 3025 (Part 32): 2019
6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
7	Nitrate as NO ₃	mg/L	45	45	2.6	.....	APHA 23rd Edition (4500 NO3-D)
8	Total Hardness as CaCO ₃	mg/L	200	600	116	.....	IS 3025 (Part 21): 2019
9	Calcium as Ca	mg/L	75	200	34.4	.....	IS 3025 (Part 40): 2019
10	Magnesium as Mg	mg/L	30	100	7.3	.....	IS 3025 (Part 46): 2023
11	Total Alkalinity as CaCO ₃	mg/L	200	600	80	.....	IS 3025 (Part 23): 2023
12	Fluoride as F	mg/L	1	1.5	0.6	.....	IS 3025 (Part 60) : 2019
13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025(Part 34): 2019
14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	.....	APHA 23rd edition (4500 S2- F)
15	Boron as B	mg/L	0.5	2.4	BDL	.....	APHA 23rd edition (4500-B B)

P.T.O

16	Copper as Cu	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
17	Zinc as Zn	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)				

Note: 1. The above results pertain only to the sample tested.

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3. The report shall not be reproduced without the written approval of the laboratory.

4. Samples will be stored for a period of 15 days from the date of dispatch of report

5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L: 0.1, H₂S mg/L: 2, B mg/L: 0.1, Cu mg/L: 0.02, Zn mg/L: 0.01, Ni mg/L: 0.2, Fe mg/L: 0.1, Mn mg/L: 0.03, Cd mg/L: 0.01, Cr mg/L: 0.06, Pb mg/L: 0.2,


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Regional Laboratory-Dharwad

KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date: 18.3.2025

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 5.2.2025
DATE OF COLLECTION :	5.2.2025	DATE OF COMPLETION OF TEST : 3.3.2025
DATE OF RECEIPT :	5.2.2025	SAMPLE REPORT NO. : 1289
PARTICULARS	Bore well-3 sample within the premises near sugar ETP.	SAMPLE NO. : 1289, 1289-A

Sl. No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	1289	1289-A	
1	pH	-	6.5 to 8.5	6.5 to 8.5	7.3	.....	IS 3025 (Part 11): 2022
2	Turbidity	NTU	1	5	2	.....	IS 3025 (Part 10): 2023
3	Total Dissolved Solids	mg/L	500	2000	200	.....	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	mg/L	200	400	9.6	.....	IS 3025 (Part 24): 2022
5	Chloride as Cl	mg/L	250	1000	52	.....	IS 3025 (Part 32): 2019
6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
7	Nitrate as NO ₃	mg/L	45	45	1.3	.....	APHA 23rd Edition (4500 NO3-D)
8	Total Hardness as CaCO ₃	mg/L	200	600	96	.....	IS 3025 (Part 21): 2019
9	Calcium as Ca	mg/L	75	200	25	.....	IS 3025 (Part 40): 2019
10	Magnesium as Mg	mg/L	30	100	8.2	.....	IS 3025 (Part 46): 2023
11	Total Alkalinity as CaCO ₃	mg/L	200	600	94	.....	IS 3025 (Part 23): 2023
12	Fluoride as F	mg/L	1	1.5	0.4	.....	IS 3025 (Part 60) : 2019
13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025(Part 34): 2019
14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	.....	APHA 23rd edition (4500 S2- F)
15	Boron as B	mg/L	0.5	2.4	BDL	.....	APHA 23rd edition (4500-B B)

P.T.O

16	Copper as Cu	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
17	Zinc as Zn	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)				

- Note:** 1. The above results pertain only to the sample tested.
 2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)
 3. The report shall not be reproduced without the written approval of the laboratory.
 4. Samples will be stored for a period of 15 days from the date of dispatch of report
 5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L: 0.1, H₂S mg/L: 2, B mg/L: 0.1, Cu mg/L: 0.02, Zn mg/L: 0.01, Ni mg/L: 0.2, Fe mg/L: 0.1, Mn mg/L: 0.03, Cd mg/L: 0.01, Cr mg/L: 0.06, Pb mg/L: 0.2,


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Assistant Scientific officer
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Karnataka State Pollution Control
Board, Laboratory (II)
Dharwad Area (Dharwad - 581 004)KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORYಇಂಡಿಯಾ ಸರ್ಕಾರದ
ಅಧಿಕಾರೀಯ ಕಛೇರಿ
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ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date : 21.4.2025

NAME OF THE LAKE :	Hanumanth Water Tank, Haliyal	Page 1 of 1
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 6.3.2025
DATE OF COLLECTION :	6.3.2025	DATE OF COMPLETION OF TEST : 1.4.2025
DATE OF RECEIPT :	6.3.2025	SAMPLE REPORT NO. : 1436
PARTICULARS	Water Sample of Hanumanth Water tank, Haliyal	SAMPLE NO. : 1436

Sl	Parameters	Unit	Water Quality Criteria					Result	Test Method
			A	B	C	D	E		
1	pH	-	6.5-8.5	6.5-8.5	6.0-9.0	6.5-8.5	6.0-8.5	7.8	IS 3025 (Part 11): 2022
2	Conductivity	µS/cm	-	-	-	-	2250	1168	IS 3025 (Part 14): 2019
3	Biochemical Oxygen Demand @ 27° C for 3 days	mg/L	2	3	3	-	-	32	IS 3025 (Part 44): 2019
4	Oxygen (Dissolved)	mg/L	6	5	4	4	-	5.1	IS 3025 (Part 38): 2019
5	Total coliforms	MPN/100mL	50	500	5000	-	-	24000	APHA 23rd edition (9223 B): 2017
6	Sodium Absorption Ratio (SAR)	-	-	-	-	-	26	3.6	IS:11624: 2019
7	Free Ammonia as N	mg/L	-	-	-	1.2	-	0.34	APHA 23rd edition (4500 NH3-D): 2017
8	Boron as B	mg/L	-	-	-	-	2	1.6	APHA 23rd edition (4500-B B): 2017
INFERENCE		Class " D " - to prescribed standards with respect to BOD and Total Coliform as per Primary Water Quality Criteria – CPCB.							
		Designated best use - Propagation of Wild life and Fisheries							

Note: 1. The above results pertain only to the sample tested.

2. The report shall not be reproduced without the written approval of the laboratory.

3. Samples will be stored for a period of 10 days from the date of issue of report.


Authorized Signatory
Lalita Dodwad
 Assistant Scientific officer
 Regional Laboratory-Dharwad


 Karnataka State Pollution Control
 Board-4, Lakkameshalli
 Industrial Area, Dharwad - 580 004

**KARNATAKA STATE POLLUTION CONTROL BOARD
 REGIONAL LABORATORY**

 ಕರ್ನಾಟಕ ಸ್ವಚ್ಛತೆ ಮತ್ತು
 ಪರಿಸರ ಸಂರಕ್ಷಣೆ ಇಲಾಖೆ
 ಡಾರವಡ್-580 004

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT
Date: 21.4.2025

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 6.3.2025
DATE OF COLLECTION :	6.3.2025	DATE OF COMPLETION OF TEST : 1.4.2025
DATE OF RECEIPT :	6.3.2025	SAMPLE REPORT NO. : 1438
PARTICULARS	Bore well-1 sample within the premises near sugar ETP.	SAMPLE NO. : 1438, 1438-A

Sl. No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	1438	1438-A	
1	pH	-	6.5 to 8.5	6.5 to 8.5	7.7	.....	IS 3025 (Part 11): 2022
2	Turbidity	NTU	1	5	2	.....	IS 3025 (Part 10): 2023
3	Total Dissolved Solids	mg/L	500	2000	110	.....	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	mg/L	200	400	9.6	.....	IS 3025 (Part 24): 2022
5	Chloride as Cl	mg/L	250	1000	24	.....	IS 3025 (Part 32): 2019
6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
7	Nitrate as NO ₃	mg/L	45	45	1.2	.....	APHA 23rd Edition (4500 NO3-D)
8	Total Hardness as CaCO ₃	mg/L	200	600	80	.....	IS 3025 (Part 21): 2019
9	Calcium as Ca	mg/L	75	200	20.8	.....	IS 3025 (Part 40): 2019
10	Magnesium as Mg	mg/L	30	100	6.8	.....	IS 3025 (Part 46): 2023
11	Total Alkalinity as CaCO ₃	mg/L	200	600	60	.....	IS 3025 (Part 23): 2023
12	Fluoride as F	mg/L	1	1.5	0.4	.....	IS 3025 (Part 60) : 2019
13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025(Part 34): 2019
14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	.....	APHA 23rd edition (4500 S2- F)
15	Boron as B	mg/L	0.5	2.4	BDL	.....	APHA 23rd edition (4500-B B)

P.T.O

16	Copper as Cu	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
17	Zinc as Zn	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)				

Note: 1. The above results pertain only to the sample tested.

2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)

3. The report shall not be reproduced without the written approval of the laboratory.

4. Samples will be stored for a period of 15 days from the date of dispatch of report

5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L: 0.1, H₂S mg/L: 2, B mg/L: 0.1, Cu mg/L: 0.02, Zn mg/L: 0.01, Ni mg/L: 0.2, Fe mg/L: 0.1, Mn mg/L: 0.03, Cd mg/L: 0.01, Cr mg/L: 0.06, Pb mg/L: 0.2.


Authorized Signatory

Lalita.Dodwad

Assistant Scientific officer
Regional Laboratory-Dharwad

**ANALYSIS REPORT**

Date: 21.4.2025

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 6.3.2025
DATE OF COLLECTION :	6.3.2025	DATE OF COMPLETION OF TEST : 1.4.2025
DATE OF RECEIPT :	6.3.2025	SAMPLE REPORT NO. : 1439
PARTICULARS	Bore well-3 sample within the premises near sugar ETP.	SAMPLE NO. : 1439, 1439-A

Sl No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	1439	1439-A	
1	pH	-	6.5 to 8.5	6.5 to 8.5	7.8	.....	IS 3025 (Part 11): 2022
2	Turbidity	NTU	1	5	3	.....	IS 3025 (Part 10): 2023
3	Total Dissolved Solids	mg/L	500	2000	130	.....	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	mg/L	200	400	6.8	.....	IS 3025 (Part 24): 2022
5	Chloride as Cl	mg/L	250	1000	32	.....	IS 3025 (Part 32): 2019
6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
7	Nitrate as NO ₃	mg/L	45	45	1.8	.....	APHA 23rd Edition (4500 NO3-D)
8	Total Hardness as CaCO ₃	mg/L	200	600	62	.....	IS 3025 (Part 21): 2019
9	Calcium as Ca	mg/L	75	200	16	.....	IS 3025 (Part 40): 2019
10	Magnesium as Mg	mg/L	30	100	5.3	.....	IS 3025 (Part 46): 2023
11	Total Alkalinity as CaCO ₃	mg/L	200	600	58	.....	IS 3025 (Part 23): 2023
12	Fluoride as F	mg/L	1	1.5	0.6	.....	IS 3025 (Part 60): 2019
13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025(Part 34): 2019
14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	.....	APHA 23rd edition (4500 S2- F)
15	Boron as B	mg/L	0.5	2.4	BDL	.....	APHA 23rd edition (4500-B B)

16	Copper as Cu	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
17	Zinc as Zn	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)				

Note: 1. The above results pertain only to the sample tested.

2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)

3. The report shall not be reproduced without the written approval of the laboratory.

4. Samples will be stored for a period of 15 days from the date of dispatch of report

5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L: 0.1, H2S mg/L: 2, B mg/L: 0.1, Cu mg/L: 0.02, Zn mg/L: 0.01, Ni mg/L: 0.2, Fe mg/L: 0.1, Mn mg/L: 0.03, Cd mg/L: 0.01, Cr mg/L: 0.06, Pb mg/L: 0.2,


Authorized Signatory

Lalita Dodwad

Assistant Scientific officer
Regional Laboratory-Dharwad


 Karnataka State Pollution Control Board
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**KARNATAKA STATE POLLUTION CONTROL BOARD
 REGIONAL LABORATORY**

 Phone: 02362-240001 and
 240002, 240003
 Fax: 02362-240004

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date : 21.4.2025

NAME OF THE INDUSTRY :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 1.
SAMPLE COLLECTED BY :	Regional Office Karwar.	DATE OF COMMENCEMENT OF TEST : 6.3.2025
DATE OF COLLECTION :	6.3.2025	DATE OF COMPLETION OF TEST : 1.4.2025
DATE OF RECEIPT :	6.3.2025	SAMPLE REPORT NO: 1440
PARTICULARS	Treated Trade effluent collected from Outlet of ETP	SAMPLE NO : 1440, 1440-A

Sl No	Parameters	Unit	Standard	Results		Test Method
				1440	1440-A	
1	Biochemical Oxygen Demand @ 27°C for 3 days	mg/L	100	63	.....	IS 3025 (Part 44): 2023
2	Oil and Grease	mg/L	10	.....	BDL	APHA 23 rd edition (5520B): 2017
3	pH	-	5.5-8.5	7.5	.....	IS 3025 (Part 11): 2022
4	Total Dissolved Solids	mg/L	2100	1573	.....	IS 3025 (Part 16): 2023
5	Total Suspended Solids	mg/L	100	40	.....	IS 3025 (Part 17): 2022
INFERENCE		Conforms to prescribed standards.				

- Note: 1. The above results pertain only to the sample tested.
 2. The report shall not be reproduced without the written approval of the laboratory.
 3. Samples will be stored for a period of 15 days from the date of issue of report.
 4. BDL: Below Detection Level in mg/L
 Oil and Grease: 1 mg/L.


 Authorized Signatory
 Lalita Dodwad
 Assistant Scientific officer
 Regional Laboratory-Dharwad



ಪ್ರದೇಶಿಕ ಪ್ರದೇಶಗಳ ತಾಲಿ
ಲಕ್ಷಮನಪಟ್ಟಿ ಕೈಗಾರಿಕೆ ಪ್ರದೇಶ
ಧಾರವಾಡ-580 004

Laboratory
Karnataka State Pollution Control Board
Kamanahalli Industrial Area
Dharwad -580 004

KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY
ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date : 21.4.2025

NAME OF THE INDUSTRY :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 1
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 6.3.2025
DATE OF COLLECTION :	6.3.2025	DATE OF COMPLETION OF TEST : 1.4.2025
DATE OF RECEIPT :	6.3.2025	SAMPLE REPORT NO: 1441
PARTICULARS	Treated sewage effluent	SAMPLE NO : 1441

Sl No	Parameters	Unit	Standard	Result	Test Method
1	pH	-	6.5-9	7.4	IS 3025 (Part 11): 2022
2	Biochemical Oxygen Demand @ 27°C for 3 days	mg/L	10	17	IS 3025 (Part 44): 2023
3	Chemical Oxygen Demand	mg/L	50	82	IS 3025 (Part 58): 2023
4	Total Suspended Solids	mg/L	20	30	IS 3025 (Part 17): 2022
5	Ammonical Nitrogen as N	mg/L	5	3.6	IS 3025 (Part 34): 2019
6	Total Nitrogen	mg/L	10	7.1	APHA 23 rd edition; 4500-NO ₃ -D : 2017
7	Fecal Coliform	MPN /100ml	100>	920	APHA 23 rd edition(9221 E); 2017
INFERENCE		Non Conforms to prescribed standards with respect to BOD, COD, Total Coliform			

- Note: 1. The above results pertain only to the sample tested.
2. The report shall not be reproduced without the written approval of the laboratory.
3. Samples will be stored for a period of 15 days from the date of issue of report.


Authorized Signatory
Lalita.Dodwad
Assistant Scientific officer
Regional Laboratory-Dharwad


**KARNATAKA STATE POLLUTION CONTROL BOARD
 REGIONAL LABORATORY**

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date: 23.5.2025

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 8.4.2025
DATE OF COLLECTION :	8.4.2025	DATE OF COMPLETION OF TEST : 2.5.2025
DATE OF RECEIPT :	8.4.2025	SAMPLE REPORT NO. : 94
PARTICULARS	Bore well-1 sample within the premises near sugar ETP.	SAMPLE NO. : 94, 94-A

Sl. No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	94	94-A	
1	pH	-	6.5 to 8.5	6.5 to 8.5	7.3	.....	IS 3025 (Part 11): 2022
2	Turbidity	NTU	1	5	3	.....	IS 3025 (Part 10): 2023
3	Total Dissolved Solids	mg/L	500	2000	80	.....	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	mg/L	200	400	4.6	.....	IS 3025 (Part 24): 2022
5	Chloride as Cl	mg/L	250	1000	16	.....	IS 3025 (Part 32): 2019
6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
7	Nitrate as NO ₃	mg/L	45	45	1.3	.....	APHA 23rd Edition (4500 NO3-D)
8	Total Hardness as CaCO ₃	mg/L	200	600	44	.....	IS 3025 (Part 21): 2019
9	Calcium as Ca	mg/L	75	200	11.5	.....	IS 3025 (Part 40): 2019
10	Magnesium as Mg	mg/L	30	100	3.7	.....	IS 3025 (Part 46): 2023
11	Total Alkalinity as CaCO ₃	mg/L	200	600	40	.....	IS 3025 (Part 23): 2023
12	Fluoride as F	mg/L	1	1.5	0.3	.....	IS 3025 (Part 60): 2019
13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025 (Part 34): 2019
14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	.....	APHA 23rd edition (4500 S2- F)
15	Boron as B	mg/L	0.5	2.4	BDL	.....	APHA 23rd edition (4500-B B)

16	Copper as Cu	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
17	Zinc as Zn	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)				

Note: 1. The above results pertain only to the sample tested.

2. AL: Acceptable Limits, PL: Permissible Limits (In the absence of alternate source)

3. The report shall not be reproduced without the written approval of the laboratory.

4. Samples will be stored for a period of 15 days from the date of dispatch of report

5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L:0.1, H2S mg/L: 2, B mg/L:0.1, Cu mg/L: 0.02, Zn mg/L: 0.01, Ni mg/L: 0.2, Fe mg/L: 0.1, Mn mg/L: 0.03, Cd mg/L:0.01, Cr mg/L: 0.06, Pb mg/L: 0.2,


Authorized Signatory

Lalita Dodwad

Assistant Scientific officer
Regional Laboratory-Dharwad


**KARNATAKA STATE POLLUTION CONTROL BOARD
 REGIONAL LABORATORY**

ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date: 23.5.2025

NAME OF THE SAMPLING LOCATION :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 2
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 8.4.2025
DATE OF COLLECTION :	8.4.2025	DATE OF COMPLETION OF TEST : 2.5.2025
DATE OF RECEIPT :	8.4.2025	SAMPLE REPORT NO. : 95
PARTICULARS	Bore well-3 sample within the premises near sugar ETP.	SAMPLE NO. : 95, 95-A

Sl. No	Parameters	Unit	Standard IS 10500:2012		Result		Test Method
			AL	PL	95	95-A	
1	pH	-	6.5 to 8.5	6.5 to 8.5	7.6	.....	IS 3025 (Part 11): 2022
2	Turbidity	NTU	1	5	3	.....	IS 3025 (Part 10): 2023
3	Total Dissolved Solids	mg/L	500	2000	110	.....	IS 3025 (Part 16): 2023
4	Sulphate as SO ₄	mg/L	200	400	5.3	.....	IS 3025 (Part 24): 2022
5	Chloride as Cl	mg/L	250	1000	30	.....	IS 3025 (Part 32): 2019
6	Phenolic Compound as C ₆ H ₅ OH	mg/L	0.001	0.002	BDL	.....	IS 3025 (Part 43): 2022
7	Nitrate as NO ₃	mg/L	45	45	1.1	.....	APHA 23rd Edition (4500 NO3-D)
8	Total Hardness as CaCO ₃	mg/L	200	600	60	.....	IS 3025 (Part 21): 2019
9	Calcium as Ca	mg/L	75	200	15.6	.....	IS 3025 (Part 40): 2019
10	Magnesium as Mg	mg/L	30	100	5.1	.....	IS 3025 (Part 46): 2023
11	Total Alkalinity as CaCO ₃	mg/L	200	600	58	.....	IS 3025 (Part 23): 2023
12	Fluoride as F	mg/L	1	1.5	0.2	.....	IS 3025 (Part 60) : 2019
13	Ammonia (as Total Ammonia-N)	mg/L	0.5	0.5	BDL	.....	IS 3025 (Part 34): 2019
14	Sulphide as H ₂ S	mg/L	0.05	0.05	BDL	.....	APHA 23rd edition (4500 S2- F)
15	Boron as B	mg/L	0.5	2.4	BDL	.....	APHA 23rd edition (4500-B B)

P.T.O

16	Copper as Cu	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
17	Zinc as Zn	mg/L	0.05	1.5	.....	BDL	APHA 23rd edition (3120B)
18	Nickel as Ni	mg/L	0.02	0.02	.....	BDL	APHA 23rd edition (3120B)
19	Manganese as Mn	mg/L	0.1	0.3	.....	BDL	APHA 23rd edition (3120B)
20	Iron as Fe	mg/L	1.0	1.0	.....	BDL	APHA 23rd edition (3120B)
21	Cadmium as Cd	mg/L	0.003	0.003	.....	BDL	APHA 23rd edition (3120B)
22	Total Chromium as Cr	mg/L	0.05	0.05	.....	BDL	APHA 23rd edition (3120B)
23	Lead as Pb	mg/L	0.01	0.01	.....	BDL	APHA 23rd edition (3120B)
INFERENCE			Conforms To AL & PL as per the Standard IS 10500:2012 (Reaffirmed 2018)				

- Note:** 1. The above results pertain only to the sample tested.
 2. AL: Acceptable Limits, PL: Permissible Limits (in the absence of alternate source)
 3. The report shall not be reproduced without the written approval of the laboratory.
 4. Samples will be stored for a period of 15 days from the date of dispatch of report
 5. BDL: Below Detection Level in mg/L.

C6H5OH mg/L:0.1, H2S mg/L: 2, B mg/L:0.1, Cu mg/L: 0.02, Zn mg/L: 0.01, Ni mg/L: 0.2, Fe mg/L: 0.1, Mn mg/L: 0.03, Cd mg/L:0.01, Cr mg/L: 0.06, Pb mg/L: 0.2,


 Authorized Signatory

Lalita Dodwad

Assistant Scientific officer
 Regional Laboratory-Dharwad



Email: dharwad@kspcb.gov.in
Website: kspcb.karnataka.gov.in

ಪ್ರಾದೇಶಿಕ ಪ್ರಯೋಗ ಶಾಲೆ
ಲಕ್ಷ್ಮಣನಹಳ್ಳಿ ಕೈಗಾರಿಕ ಪ್ರದೇಶ
ಧಾರವಾಡ-580 004

Laboratory
Karnataka State Pollution Control Board
Lakshmanahalli Industrial Area
Dharwad -580 004

KARNATAKA STATE POLLUTION CONTROL BOARD
REGIONAL LABORATORY
ISO 9001:2015 and ISO 45001:2018 CERTIFIED LABORATORY

ANALYSIS REPORT

Date : 23.5.2025

NAME OF THE INDUSTRY :	EID Parry (India) Ltd., Hullatti Village, Haliyal Taluk	Page 1 of 1
SAMPLE COLLECTED BY :	Regional Office Karwar	DATE OF COMMENCEMENT OF TEST : 8.4.2025
DATE OF COLLECTION :	8.4.2025	DATE OF COMPLETION OF TEST : 2.5.2025
DATE OF RECEIPT :	8.4.2025	SAMPLE REPORT NO: 96
PARTICULARS	Treated sewage sample collected from outlet	SAMPLE NO : 96

SI No	Parameters	Unit	Standard	Result	Test Method
1	pH	-	6.5-9	6.9	IS 3025 (Part 11): 2022
2	Biochemical Oxygen Demand @ 27°C for 3 days	mg/L	10	5	IS 3025 (Part 44): 2023
3	Chemical Oxygen Demand	mg/L	50	23	IS 3025 (Part 58): 2023
4	Total Suspended Solids	mg/L	20	20	IS 3025 (Part 17): 2022
5	Ammonical Nitrogen as N	mg/L	5	1.8	IS 3025 (Part 34): 2019
6	Total Nitrogen	mg/L	10	3.2	APHA 23 rd edition; 4500-NO ₃ -D : 2017
7	Fecal Coliform	MPN /100ml	100>	84	APHA 23rd edition(9221 E): 2017
INFERENCE		Conforms to prescribed standards.			

- Note: 1. The above results pertain only to the sample tested.
2. The report shall not be reproduced without the written approval of the laboratory.
3. Samples will be stored for a period of 15 days from the date of issue of report.

(Signature)
Authorized Signatory

Lalita.Dodwad

Assistant Scientific officer
Regional Laboratory-Dharwad

IN THE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, KALAS MAHAL, CHENNAI
OA 16/2024 (SZ)

IN THE MATTER OF:

Dr Prasad Bhandge

... APPLICANT

VERSUS

Karnataka State Pollution Control
Board & Ors

...RESPONDENTS

**AFFIDAVIT ON INSPECTION REPORT ON
BEHALF OF THE RESPONDENT NO. 1 KSPCB**

I, B. K Santhosh, son of Krishnnapa, aged about 57 years, currently working as Regional Officer Karwar Region, Karnataka State Pollution Control Board (KSPCB), "Parisara Bhavan", New KHB Colony, Habbawad, Karwar, 581306, Uttara Kannada District. Karnataka, do hereby solemnly affirm and declare as under:-

That the deponent is working with Respondent no. 1 KSPCB, and as such, I am well conversant with the facts and circumstances of the present case on the basis of the information derived from the official records, and hence, I am competent and authorized to verify, sign and swear this affidavit on behalf of the Respondent no. 1 KSPCB.

2. That on directions of this Hon'ble Green Tribunal vide Order dated 17.04.2024, the deponent is filing the Inspection Report dated 19.06.2025 on behalf of the answering respondent no. 1 KSPCB.

[Handwritten signature]

[Handwritten signature]
PRADEEP B. TANDEL
NOTARY
KARWAR, (U.K.)

NO OF CORRECTIONS *Nil*

12 AUG 2025 Notary

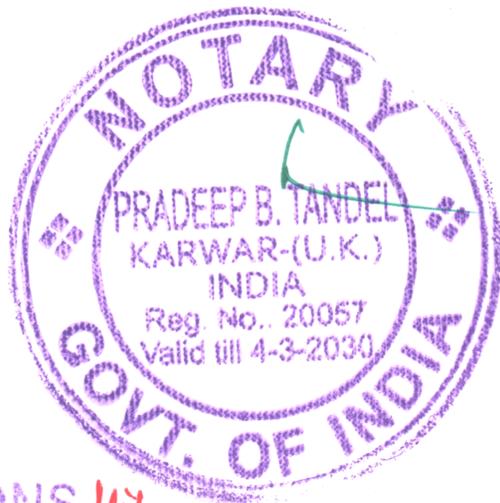
3. That it is respectfully submitted that the answering respondent no. 1 KSPCB will be obliged to provide any additional information or further report if so directed by this Hon'ble Tribunal and hereby submit this affidavit for kind consideration.
4. That I have read and understood the contents of the accompanying report. The same has been drafted by the officials of the answering respondent no. 1 KSPCB and the contents therein are true and correct as per the official records made available to me and same has been understood by me.
5. That the contents of the accompanying Inspection Report is true copy of its original along with the English translation of the Kannada pages therein and the **Annexures: I & II** being photographs, notices, and other communications, which may be read as part and parcel of this affidavit and the same are not repeated herein for the sake of brevity.



VERIFICATION:

Verified at Karwar on this 12th day, August 2025 that the contents of the above Affidavit are true and correct on the basis of my knowledge and official documents. No part of it is false and nothing material has been concealed therefrom.


DEPONENT
Environmental Officer
Karnataka State Pollution Control
Board, Karar.




DEPONENT
Environmental Officer
Karnataka State Pollution Control
Board, Karar.

"SWORN BEFORE ME"



PRADEEP B. TANDEL
NOTARY
KARWAR, (U.K.)

NO OF CORRECTIONS *Nil*

12 AUG 2025

Notary

NOTARY REG NO
1436/2025